Advancing Behavior Change Science

Healthy People. Healthy Planet.
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Deadline: 15 December 2019

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Dear ISBNPA members and delegates,

It is our pleasure to welcome you to the 18th scientific annual meeting for the International Society of Behavioral Nutrition and Physical Activity (ISBNPA). We are delighted to be in Prague, the capital of the Czech Republic, which is a first for ISBNPA. Prague is the largest city in the Czech Republic, the 14th largest city in the EU, and the historical capital of Bohemia. Prague has been a political, cultural and economic centre of central Europe complete with a rich history. It also offers wonderful opportunities to walk, cycle and to eat, so enjoy your time in this beautiful city.

We believe we have an exciting program for this year’s meeting with 10 workshops, 55 symposia, 298 oral and 110 short-oral sessions. In total we received 1320 abstract submissions. We welcome those of you who are attending an ISBNPA conference for the first time and welcome back old friends who are regular attendees. The social program is also busy and we hope you can join us at some if not all of these events.

We have four wonderful keynote speakers, all leading researchers in their respective themes, and include Sir Professor Andy Haines, Professor Greet Cardon, Professor Bruce Lee, and Professor Barry Popkin. This year, we have changed our program slightly and will feature two outstanding mid-career researchers, Esther van Sluijs and Uriyoan Colon Ramos, who will present the latest research in the fields of nutrition and physical activity. As with 2018, we have two invited early career researchers and two PhD talks in the program.

Our theme for the 2019 conference is ‘Healthy People, Healthy Planet’, which we want to focus more on sustainable behavioral nutrition and physical activity. As a result, the ‘open panel’ will align closely with this theme. We have invited three speakers who will give a short (7-min) presentation on their research and then Professor Knut-Inge Klepp (ISBNPA Fellow) will moderate the session facilitating discussion and inviting questions. The aim of this panel is to consider what we can do from a behavioral nutrition and physical activity approach to achieve both healthy people and a healthy planet. Our panelists include Professor Elling Bere, Dr. Wilma Waterlander and Professor Steven Allender.
Consistent with our strategy, we are delighted to continue to support LMIC delegates to attend the conference with 4 scholarships provided this year. Our special interest groups (SIGs) will continue to have an active role at the meeting and will present some awards for best presentations about the topics they cover. We congratulate all the award winners and welcome our scholarship recipients.

We would like to acknowledge and thank the conference Organizing Committee, our Executive Director Antonio Palmeira, Kat Duda and Eva Tolosa from Venue West, as well as the team from Palicki University Olomouc for their tireless work in bringing the 2019 meeting to fruition.

We hope you have a wonderful meeting and use the time to gain new knowledge, build new and extend old collaborations, as well as enjoy catching up with old friends and make some new ones. Have a wonderful time.

Best wishes,

Professor Ralph Maddison  
ISBNPA President

Dr. Ferdinand Salonna  
Organizing Committee Co-Chair
One of the most beautiful cities in Europe, Prague welcomes you with a rich architectural and natural heritage. From museums and art galleries to castles, gardens and churches – Prague has something for everyone.

Visitors can best explore the city on foot, by walking through its picturesque and uniquely designed cobblestone streets. The Historical Centre of Prague is part of UNESCO’s World Heritage List and rightfully so. A walk around the city will lead you to magnificent Romanesque, Gothic, Baroque and Renaissance era architectural gems. Charles Bridge, which was built in the 14th century, is a major city landmark which offers breathtaking views of the Vltava River and the surrounding townscape. Sightseeing cruises on the Vltava is another delightful way of experiencing the charm of Prague. Scenic parks and gardens offer a great escape from the hustle and bustle of the city. You are likely to find yourself immersed in nature while visiting one of Prague’s many beautiful and tranquil gardens.

Prague Congress Center which is the venue of this year’s meeting is within walking distance from Vyšehrad.

According to ancient legends, Vyšehrad is the oldest seat of Czech princes; in fact, the local settlement was established in the mid-10th century. Situated on a rocky promontory above the Vltava River, it offers stunning views of the city, and the park area holds hidden architectural treasures including the rare Romanesque Rotunda of St. Martin, the neo-Gothic Church of Sts. Peter and Paul, the national cemetery Slavín, and the underground casements housing some of the original Baroque statues from the Charles Bridge.

Prague is also known for its locally brewed beers and a culinary variety that is bound to please one’s taste buds. Visitors can enjoy a light meal from street food vendors or opt for a fine dining experience at a restaurant. A truly magical and memorable experience awaits you in Prague!
COMMITTEES

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• Ralph Maddison, ISBNPA President, Deakin University, Australia
• Ferdinand Salonna, Palacky University Olomouc, Czech Republic

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• Maartje Poelman, Utrecht University, Netherlands
• Richard Rosenkranz, Kansas State University, United States of America
• Amy Yaroch, Gretchen Swanson Center for Nutrition, United States of America
Thank You To Reviewers

The ISBNPA 2019 Abstracts’ Committee wish to acknowledge the abstract reviewers for the ISBNPA 2019 Annual Meeting. Their expertise is central to the quality of communications of the meeting. Thank you for your invaluable contribution to the ISBNPA.

Wendy van Lippevelde & Erica Hinckson
(Chair and Co-Chair of the Abstracts’ Committee)

António Palmeira, Cindy Gray, Paul Lee, Falk Mueller-Riemenschneider, Sara Rosenkranz
(Members of the Abstracts’ Committee)

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Craig Donnachie  Filip Boen  Josep Mitáš
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Yong Zhu

THANK YOU TO THE LOCAL TEAM

- Jana Pelcová, Palacký University Olomouc
- Kamila Banátová, Palacký University Olomouc
- David Prycl, Palacký University Olomouc
- Tomáš Větrovský, Charles University Prague
- Jana Pechová, Palacký University Olomouc
- Lukáš Rubín, Palacký University Olomouc
- Lukáš Jakubec, Palacký University Olomouc
- Milada Truksová, Palacký University Olomouc
**June 4th: Tuesday Workshops**

**1st Floor**

**Registration:**
- Congress Hall Foyer 1A

**Workshops:**
- Club A–E, H

**Breakouts:**
- Club A–E, H, South Hall 2 A and 2B, North Hall, Terrace 2A and 2B

**EC and Ad Hoc Meetings:**
- Level 2, Room 2.4

**Speakers’ Ready Room:**
- Level 2, Room 2.1

**Catering Breaks, Exhibits, Posters:**
- Congress Hall Foyer 2A and 2C

**Plenary Sessions:**
- Congress Hall
June 5th–7th: Annual Conference

1st Floor

2nd Floor
1. Prague Congress Centre
   5. května 1640/65, 140 21 Praha 4-Nusle

2. Corinthia Hotel
   Kongresová 1655/1, 140 69 Praha 4-Nusle

3. Convent of St. Agnes
   U Milosrdných, 110 00 Staré Město

4. Charles Bridge
4. května
5. května

5. Prague Astronomical Clock – Old Town Hall
   Staroměstské nám. 1, 110 00 Josefov

6. Vysehrad Castle (Fortress)
   V Pevnosti 159/5b, 128 00 Praha 2-Vyšehrad
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World Cancer Research Fund International leads and unifies a network of cancer prevention charities with a global reach. We champion the latest and most authoritative scientific research from around the world on cancer prevention and survival through diet, weight and physical activity, so that we can help people make informed lifestyle choices to reduce their cancer risk.

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As a pioneer of open access publishing, BMC has an evolving portfolio of some 300 high quality peer-reviewed journals, sharing discoveries from research communities in science, technology, engineering and medicine. In 1999 we made high quality research open to everyone who needed to access it, and in making the open access model sustainable, we changed the world of academic publishing.

Our leading research journals include selective titles such as BMC Biology, BMC Medicine, Genome Biology and Genome Medicine, academic journals such as International Journal of Behavioral Nutrition and Physical Activity (in partnership with the ISBNPA) and Nutrition Journal, as well as the BMC series that includes 65 inclusive journals focused on the needs of individual research communities.

BMC is part of Springer Nature, giving us greater opportunities to help authors everywhere make more connections with research communities across the world.
PAL Technologies
The activPAL™ provides researchers with an objective measure of free-living lying, sedentary, upright and ambulatory activities. The thigh-worn activPAL is unique in being able to quantify time cycling and in-car travel, providing the opportunity to understand travel mode choices (active travel vs car) and giving the researcher previously unreported, but potentially valuable, insights into the context of free-living behaviours. Consequently, researchers worldwide are using our devices not only to measure the everyday activities of both clinical and at-risk populations, but also to obtain detailed, objective evidence on how an individual’s environment influences their free-living behaviours.

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movisens combines expertise in the mobile sensing of psychological and physiological data to provide research grade tools for ambulatory assessment.

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With its intuitive interface and flexible design, movisenXS has become the class leading platform for Experience Sampling and Ecological Momentary Assessment studies. movisens has become the first choice for leading universities, research institutes and R&D departments worldwide, enabling and supporting innovative work in the fields of sport psychology, health psychology and clinical research.
**Venue**
The Prague Congress Centre is located at 5. května 1640/65, 140 21 Praha 4-Nusle, Czech Republic.

**Registration**
The registration desk for ISBNPA 2019 will be located in the Congress Hall Foyer Level 1 and will be open at the following times:
- Tuesday 4th June 07:30 – 17:30 hours
- Wednesday 5th June 07:00 – 17:00 hours
- Thursday 6th June 07:00 – 17:00 hours
- Friday 7th June 07:00 – 17:00 hours

The exhibition, coffee breaks, lunches and Poster Sessions will be located in the Congress Hall Foyer on Level 2 (see floor plan on the bottom of page 9).

**Exhibition**
- Wednesday 5th June 08:30 – 16:35 hours
- Thursday 6th June 08:30 – 16:35 hours
- Friday 7th June 08:30 – 14:20 hours

**Coffee Breaks and Poster Sessions**
- Wednesday 5th June 10:50 – 12:05 hours
- Thursday 6th June 10:50 – 12:05 hours
- Friday 7th June 10:50 – 12:05 hours

**Lunches**
- Wednesday 5th June 13:30 – 14:30 hours
- Thursday 6th June 13:30 – 14:30 hours
- Friday 7th June 13:20 – 14:20 hours
Social Events Tickets

TUESDAY 4TH JUNE: WELCOME RECEPTION
The Welcome Reception will be held at the Congress Hall Foyer Level 2 from 18:30 to 21:00 hours.

THURSDAY 6TH JUNE: ISBNPA DINNER
The ISBNPA Dinner will be held at the Convent of St. Agnes of Bohemia from 19:30 to 23:00 hours. There are a limited number of tickets available to purchase for the ISBNPA Dinner. If you don't already have one, and would like to purchase a ticket, please see the staff at the Registration Desk as early as possible.

Internet Access
Delegates can access the wireless internet service throughout the Prague Congress Centre. The complimentary Wi-Fi network is SSID ISBNPA and the password to access it is ISBNPA2019

Social Media
International Society of Behavioral Nutrition and Physical Activity
@ISBNPA
@isbnpaadmin
Post or Tweet about ISBNPA 2019 using the following hashtags:
#isbnpaannualmeeting #StayActive
#isbnpa2019 #NESI_ISBNPA

Abstracts
The abstract book will be available in the meeting app and on the meeting website.

Posters
Posters will be displayed in the Congress Hall Foyer Level 2. Presenting authors are required to attend their posters during the appropriate poster session. Push pins will be
provided to attach the posters to each poster board. Each poster will be allocated a poster board that corresponds to the abstract submission ID. Posters should be mounted and removed by the presenters themselves at the following times:

**WEDNESDAY 5TH JUNE – POSTER SESSION 1:**
Mounted between 07:00 and 08:00 hours and removed between 16:35 and 18:00 hours. Poster Session 1 presenters should stand by their poster to discuss the content with delegates from 10:50 to 12:05 hours on Wednesday 5th June.

**THURSDAY 6TH JUNE – POSTER SESSION 2:**
Mounted between 07:00 and 08:00 hours and removed between 16:35 and 18:00 hours. Poster Session 2 presenters should stand by their poster to discuss the content with delegates from 10:50 to 12:05 hours on Thursday 6th June.

**FRIDAY 7TH JUNE – POSTER SESSION 3:**
Mounted between 07:00 and 08:00 hours and removed between 16:35 and 18:00 hours. Poster Session 3 presenters should stand by their poster to discuss the content with delegates from 10:50 to 12:05 hours on Friday 7th June.

Any posters left on the boards at the end of each session will be removed by the organizers and can be picked up at the Registration Desk. Posters not collected by the end of the Meeting will be recycled.

**Delegate Name Badges**
For security purposes, delegate badges must be worn at all times. Some badges will have a coloured band at the bottom to denote different categories of attendees:

- Plain badge: ISBNPA Delegate
- Yellow band: Exhibitor
- Purple band: Organizing Committee
- Light blue band: ISBNPA Executive Committee
- Green band: Keynote and Invited Speakers
- Grey band: SIG Leader
- Pink band: ISBNPA Fellow
- Black band: IJBNPA Editorial Team
- Red dot: NESI (Student/ECR)
- Brown dot: Mid Career Network (MCN)
- Orange band: Wednesday Day Delegate
- Dark blue band: Thursday Day Delegate
- Turquoise band: Friday Day Delegate
- Teal band: Volunteer
Speakers’ Ready Room
The Speakers’ Ready Room will be located in Room 2.1 on Congress Hall Foyer Level 2. Speakers should visit this area, preferably at least two hours prior to the start of their session, to upload their presentation to the network and to organize their materials. For sessions that commence at 08:30 hours, presenters are requested to upload their presentation the day before. Technicians will be on hand in this area should speakers have any questions or require assistance. The room will be open at the following times:

- Tuesday 4th June 12:00 – 17:00 hours
- Wednesday 5th June 07:00 – 17:00 hours
- Thursday 6th June 07:00 – 17:00 hours
- Friday 7th June 07:00 – 15:00 hours

Message Board
Messages and news for delegates will be published on a message board next to the Registration Desk.

General Assistance
Please go to the Registration Desk located in the Congress Hall Foyer Level 1 if you have any queries. Our student helpers are on hand to assist.
USEFUL INFORMATION

Banking Hours
Regular banking hours are Monday to Friday between 08:00/09:00 hours and 16:00/17:00 hours. Banks located at malls operate until 21:00 hours, and are also open during weekends. Cashpoints (ATMs) are available at all times.

Business Centre
Copy General is located at Londýnská 57, Praha 2, which is a 5-minute walk from I. P. Pavlova station. It offers services such as copying, printing (photographs, presentations), and binding. Their business hours are Monday to Friday, 07:00-20:00 hours and Saturday to Sunday, 10:00-18:00 hours. For reservations or inquiries, please contact them at +420 210 219 016 or email to londynska@copygeneral.cz

Credit Cards
Most common international types of payment cards – especially VISA and MasterCard – are widely accepted in Prague's shops, hotels and restaurants. There are plenty of cash machines in the centre of Prague – in banks, large shopping centres and especially in metro stations. Most of them accept all regular international cards with the VISA, Plus, MasterCard, Cirrus or Maestro symbols.

There is also an ATM/Cash Machine in PCC at Entrance 5.

Currency
The Czech Republic’s currency is the Czech koruna or Czech crown (Kč / CZK). Despite being a member of the European Union, the Czech Republic has not adopted the euro. Notes come in denominations of 100, 200, 500, 1000, 2000, 5000 CZK. Coins come in 1, 2, 5, 10, 20 and 50 CZK.

There are numerous bureaux de change (currency exchange) in Prague – in the city center, as well as at Prague's airport and major train and bus stations. After comparing the exchange rates on offer and finding the best deal don’t forget to ask about commission.

Tip: Ask how many Czech korunas you will receive in total after all charges have been deducted. Exchanging money in banks is also advisable.

Language
The official language in the Czech Republic is Czech. It belongs to the group of West Slavic languages, like e.g. Slovak or Polish. Czech has a very rich vocabulary, many special grammatical features and some unusual sounds. At present, it is one of the official
languages of the European Union. In tourist places – hotels, restaurants, monuments, museums, galleries, but also in a number of shops and services it is possible to make oneself understood in English or German, exceptionally French.

**Mobile Phones**
Out of courtesy to speakers and other delegates, mobile phones and pagers must be set to silent mode before entering sessions.

**Parking**
Prague Congress Centre offers onsite short-time parking.
- On-site Parking, fee: 50CZK hourly up to 10 hours, 500CZK 10-24 hours
- Exit free of charge within 15 minutes after fee payment.

Several public parking garages are also located throughout the city offering short-term and long-term parking options.

**Smoking**
In Czech Republic, smoking is prohibited in public areas such as public transport platforms, public transport, cultural centres and facilities, healthcare facilities and dining establishments.

**Transport**
Public transportation system in Prague is ranked among the best systems in the world, and comprises of Metro, Trams, buses and taxis. You can easily get to most tourist areas and spots by Metro which operates daily from 5:00 to 00:00 hours. Trams and buses are another way of travelling within Prague which operate between the hours of 4:30 to midnight.

There are multiple ticket options to choose from which can be used on almost all modes of public transport:
- Single-trip ticket fares (Basic 90-min and short-term 30-min tickets)
- Short-term tourist ticket fares (24-hour and 72-hour tickets)
- Time tickets (Monthly/30-day tickets)

**NOTE:** Delegates will receive FREE Public Transport tickets for the duration of the conference. The tickets will be handed over with your name badge at the registration desk.
SOCIAL PROGRAM

Tuesday 4th June
Welcome Reception
18:30 to 21:00 hours
Congress Hall Foyer Level 2

All registered delegates and registered accompanying guests are invited. The Welcome Reception of the conference will be held at the Prague Congress Centre. Delegates will be able to enjoy light refreshments and a spectacular view of Prague while catching up with old friends and making new ones.

Thursday 6th June
ISBNPA Dinner
19:30 to 23:00 hours
Convent of St Agnes of Bohemia, Church of St Francis

Tickets to attend the dinner are required and limited.
Dress code: Smart/Casual

Our ISBNPA Dinner will be held at the Convent of St Agnes of Bohemia from 19:30 to 23:00 hours. The Convent of St Agnes was established in the 13th century and is considered one of the most important Gothic architecture in Prague.

Please note that the ISBNPA Dinner ticket is not included in full registration fee and will be available for purchase during the registration process. The evening will include a buffet dinner, with entertainment and a dance floor. Guests can make the most of their time by walking through the hallways and exploring the historic building, its convent gardens and museum. Transportation to the venue from Prague Congress Centre will be provided.
STAY ACTIVE!

The ISBNPA 2019 Local Team is happy to offer delegates daily activities to kick off each conference day on the healthy side.

You can join a running group (2 paces available) or a yoga class in the mornings of June 5th, 6th or 7th.

The sessions will start at 6:30 hours and end at approximately 7:30 hours. They will be led by the local enthusiastic team. Sign-up sheets for the activities will be available at the Registration Desk.

To actively explore Prague, check out the following walking and running options:

1. THE BEST FOR JOGGING

Stromovka is the largest park in Prague and a very popular jogging ground for locals. The park is mostly flat with both soft and hard surfaces, so runners can choose what they prefer. Starting point is usually from Výstaviště Holešovice, but if you want to go for a longer distance, you can run to Trója on the North side (ZOO and vineyards) or to Letná park on the South side (Metronome). Stormovka is known for the famous Prague circuit marathon in which athletes have to run 10 times around this park to reach the marathon distance of 42.2 km.

From Stromovka to Trója: approx. 4 km
https://goo.gl/maps/wFVg5hXxjes

From Stromovka to Letná and back: approx. 7 km
https://goo.gl/maps/sfKWUmrfH2

2. VLTAVA RIVERSIDE RUNNING TRAIL

If you prefer to run in the city centre, the riverbank is the best choice. You can start from the Charles bridge (recommended in the early morning before it gets crowded) and run along the east-side river embankment, till the railway bridge on the South (under the Vyšehrad Castle). There you can cross the bridge and return back on the west-side embankment. If you are lucky or check a schedule, you can also use a ferry for crossing the river. It is a part of the Prague public transport system, so fares are low or included in your daily transportation ticket.

On the east-side riverbank you can also go for a longer run as there are many running paths leading towards Modřany in the South passing Vyšehrad castle, Podolí and Žluté lázně. If you don’t want to run all the way back, take Tram #17, which will take you back to Charles Bridge (station Karlovy lázně) or Staroměstská station (Old town).

Stay Active! continued…
**Riverside route:** approx. 5.5 km  
https://goo.gl/maps/zECUW12kW4u

**From Charles Bridge to Modřany:** approx. 9.2 km  
https://goo.gl/maps/i19NnaNqPC42

**3. EXPLORE THE CITY BY FOOT**

Extended versions of our popular walks alongside other guided tours are available in the SmartGuide app. A full city map, audio narratives, Augmented Reality navigation and an offline mode for your convenience on the go. Visit https://www.prague.eu/en/walks to access the app and maps.

Learn about Prague's history and legends by using Use-It, a digital version of legendary guides for young travelers. Visit https://www.use-it.travel/cities/detail/prague/ to learn more.
ISBNPA MEETINGS

TUESDAY 4TH JUNE

08:30 – 16:30 hours  Executive Meeting, Room 2.4, Level 2
08:30 – 12:00 hours  Feel4Diabetes Project, Club E, Level 1
19:00 – 21:00 hours  Our Voice Meeting, Club A, Level 1

WEDNESDAY 5TH JUNE

11:00 – 11:45 hours  ISBNPA Finance Committee, Club A, Level 1
13:30 – 14:30 hours  IJBNP A Editorial Board Meeting, South Hall 2A
13:30 – 14:30 hours  Meet and Greet Pioneers (LMIC) ISBNPA, Terrace 2A and Terrace 2B
13:30 - 14:30 hours  SIG Leaders and SIG Committee Meeting, North Hall, Level 2
16:00 – 19:00 hours  GoPA! Meeting, Room 2.4, Level 2
19:00 – 22:00 hours  NESI Dinner, Restaurant Kandelabr
19:30 – 22:00 hours  Fellow Dinner, Rest Restaurant

THURSDAY 6TH JUNE

07:00 – 08:30 hours  BMC-ISBNPA-IJBNPA, Room 2.4, Level 2
13:30 – 14:30 hours  ISBNPA Members’ Meeting, South Hall 2A, Level 2
13:30 – 14:30 hours  Mentoring/Meet the Professor Lunch, Terrace 2A and Terrace 2B

FRIDAY 7TH JUNE

07:00 – 08:30 hours  I&S SIG Officers Meeting, Room 2.4, Level 2
10:50 – 12:05 hours  ISBNPA Abstract Committee Meeting, Club C, Level 1
13:20 – 14:20 hours  ISBNPA Sponsorship Meeting, Club H, Level 1
13:20 – 14:20 hours  IJBNP A Associate Editors Meeting, Terrace 2A, Level 2
MEMBERSHIP COMMITTEE ACTIVITIES

ISBNPA MEMBERSHIP COMMITTEE ACTIVITIES

The membership committee of ISBNPA aims to build capacity and career/network opportunities for ISBNPA members around the world at different career stages (e.g. for students/early career researchers or mid-career researchers). During the annual meeting, the membership team organizes several activities for our members. We are looking forward to meeting you at one of our activities during the annual meeting in Prague!

NESI ZONE

Please join other NESI members in our NESI Zone at any time during the conference! The NESI Zone is located near the registration desks at the Prague Congress Centre. There will be opportunities to break up sedentary time and participate in some light physical activity, as well as opportunities to meet other students and ECRs in a fun, relaxed environment.

WELCOME RECEPTION

Date and Time: Tuesday 4th June, 18:30 – 21:00 hours
Where: Prague Congress Centre
Look out for the NESI banner and balloons at the welcome reception and join us there! If you have been linked up with a buddy, this would be a great time and place to meet up with them.

WALKING TOUR OF PRAGUE

Date and Time: Tuesday 4th June, 20:30 hours
Where: Meet at the NESI banner at the welcome reception
Meet at the NESI banner at 20:30 hours (prior to the end of the welcome reception) and join us for a walking tour of Prague, finishing at Restaurant U Labutí (Hradčanské náměstí 61/11) for a late dinner and drinks for those who wish to stay. We will take the Metro part of the way, but we recommend wearing comfortable shoes!

WORLD CAFE EVENT

Date and Time: Wednesday 5th June, 18:00 - 24:00,
Where: Museum of Decorative Arts
World Cafe events are about sharing collective knowledge and shaping the future through conversation in a relaxed and fun cafe environment. In this event we will explore key questions and big ideas around eHealth approaches for better health in young people (under 30 year olds).
To get to the venue we will take a historic tram ride via some major Prague attractions, including the Prague Castle and Charles bridge. At the venue, the World Cafe will start, where we will consider key challenges and ideas presented by the SIGS within small
groups. The groups will rotate throughout the night so that ideas can be shared and built on across tables. There will be refreshments throughout the event, followed by dinner and entertainment from 21:00 hours for those that would like to continue on.

**NESI DINNER**

**Date and Time:** Wednesday 5th June, 19:00 hours  
**Where:** Restaurant Kandelábr, QUBIX Office Building, Štětkova 1638/18, 140 00 Praha 4  
The NESI Dinner will be an opportunity to socialise with other students and ECRs in a relaxed environment. Please note that registration and payment for the dinner were required during conference registration.

**ISBNPA DINNER – NESI MEETING SPOT**

**Date and Time:** Thursday 6th June, 19:30–23:00 hours  
**Where:** Convent of St Agnes of Bohemia, Church of St Francis, Národní Galerie Praha – Klášter sv. Anežky České, U Milosrdných, 110 00 Staré Město  
Keep an eye out for the NESI meeting spot at the ISBNPA dinner! Transportation to the venue from Prague Congress Centre will be provided.

**MIDCAREER NETWORK (MCN)**

Join MidCareer Network (MCN) at the annual meeting in Prague for MCN hosted tables at the ISBNPA dinner and daily lunchtime MCN Meetups for walk and talks.

**ISBNPA MENTORING**

Looking for ways to build relationships with other members of the Society? Want to get career and personal growth insight from mentors outside of your home university or research organization? The ISBNPA Mentoring program offers an opportunity to connect and engage members at various stages in their careers.

**MENTORING LUNCH**

**Date and Time:** Thursday 6th June, Lunchtime  
**Where:** Prague Congress Centre  
The Mentoring Lunch at the ISBNPA brings together students and early-career researchers with experienced researchers to engage in a question-answer session on a variety of topics. If you are a PhD student, a postdoc, or have just started an independent research career and would like to get advice on any career topic, please join us at the mentoring lunch on 6th June. During the event, we will break into smaller groups led by several ISBNPA senior researchers. You can sign up for this activity at the registration desk. Places are limited.
PIioneer Program

The new Pioneer Program aims to foster and support high-quality research, collaboration, and mentoring amongst researchers (including students) in low and middle-income areas. The Pioneer Program will host the following throughout ISBNPA 2019.

PIioneer Program Meet and Greet

Date and Time: Wednesday 5th June, Lunchtime
Where: Prague Congress Centre
Join us to meet other researchers within low-to middle-income countries and discuss the challenges and successes over the lunch break. Hear from previous recipients of the ISBNPA Pioneer Program Scholarship Grant and how this has benefited their research and career.

Planned SIG Activities for the Conference

Ageing

Date and Time: 5th June, 14:30 – 15:45 hours
Room: Club E
The Ageing SIG will review the past year’s Ageing SIG activities, hold elections for a new co-chair, seek volunteers to serve on the advisory board, and conduct a networking activity to get members interacting and meeting with one another.

Children and Families

Date and Time: 7th June, 12:05 – 13:20 hours
Room: Club H
A panel discussion will be organised about current controversies in behavioral nutrition and physical activity. The session will also include a Q&A session with the panellists, a networking activity, and announcements of and presentations by the much-anticipated SIG abstract award winners.

Cancer Prevention and Management

Date and Time: 5th June, 14:30 – 15:45 hours
Room: Club D
• Introduce the function of the SIG and the executive members
• Guest speaker from World Cancer Research Fund (WCRF) regarding funding opportunities
• ECR and student presentations (finalists for awards)
• Presentation of SIG awards
**e- & mHealth**

**Date and Time:** 6th June, 14:30 – 15:45 hours  
**Room:** Club D

During these years’ e- & mHealth SIG meeting we have again planned something very exciting, and hopefully interactive. We aspire to create a community and give members the chance to connect and get to know each other, professionally but also personally. We believe our SIG members are awesome researchers, practitioners and educators, and we think they will be great collaborators for grant applications, publications and other research- and learning activities as they have great ideas and insights to share. So, we thought what better way to get to know your fellow SIG members than to attend our BONUS-BINGO-DATING event!

**WHAT we have planned:** Everyone who joins the meeting will get a bingo card and a set of stickers that represent a topic of their choice. We will ask you to go around in the room and talk to people with different stickers (maybe you want to talk to someone with that ‘app’ sticker who might know something about nutrition apps). After your chat this person will put a sticker up on your Bingo card. The person who first completes the bingo card wins a prize. Oh yes, BONUS; there will be a bonus prize!! We will leave some space on the Bingo card to leave notes on a wacky piece of info you have obtained from your conversational partner (we hope for some really wacky stories here). The owner of the card with the wackiest info will receive our BONUS prize, and, if we get permission, we will share the story/info! All wacky information will be handled in accordance to GDPR and ethical guidelines.

**Early Care and Education**

**Date and Time:** 6th June, 14:30 – 15:45 hours  
**Room:** Club E

The Early Care and Education (ECE) SIG has a new leadership team since February 2019. The ECE SIG meeting will take the opportunity to introduce the new leadership team and their planned activities to the ECE SIG members. This will be followed by a facilitated ‘Speed Networking’ activity where all delegates attending the ECE SIG session get the chance to share their research and practice with delegates from all stages of their career. The ECE SIG session will include the presentation of ECE SIG-specific awards for the Best IJBNPA publication in 2018/2019, Best Oral Presentation and Best Poster Award. We will conclude the session with a talk by Dr. Rebecca Byrne introducing the National Nutrition Network – Early Childhood Education and Care (NNN-ECEC). This network is a collaboration between researchers across universities and non-government organizations in Australia. The aim of the network is to promote best practice food & nutrition within ECEC services, to facilitate positive short and long term health and developmental outcomes for children who attend care. During this presentation Dr. Byrne will provide an overview of how the network was founded and details of current activities, such that ISBNPA ECE SIG members may consider opportunities for similar collaboration within their own countries, as well as internationally.

*SIG Activities continued…*
Implementation and Scalability

**Date and Time:** 5th June, 14:30 – 15:45 hours  
**Room:** Club H

During our Implementation and Scalability SIG meeting, we will briefly update you about SIG activities to date; the preliminary results of the survey and focus groups looking at barriers for engagement in Implementation and Dissemination Science, and the results of the Delphi study looking at frameworks, outcomes and measures to assess scale-up of behavioural physical activity and nutrition interventions. The majority of the meeting will be dedicated to an interactive priority setting and networking activity that provides the opportunity to meet fellow researchers and identifies “where to next”, a collaborative research agenda for moving our field and research partnerships forward. Finally, we will announce the SIG student award winners.

Motivation and Behavior Change

**Date and Time:** 7th June, 12:05 – 13:20 hours  
**Room:** Club E

The Motivation and Behaviour Change SIG session will consist of: 1) Award presentations: SIG poster and oral award finalists will give a short presentation of their work, and the winners will be announced; 2) Roundtable by leading experts in motivation and behaviour change, to discuss the applications of theories and frameworks of behaviour change to real world challenges.

Policies and Environments

**Date and Time:** 6th June, 14:30 – 15:45 hours  
**Room:** Club H

The Policy and Environment SIG meeting will offer several activities. The poster, oral presentation, and student awards will be distributed, and brief synopses of their research will be shared. There will also be a “speed-dating” style mentor/mentee conversations. After the meeting, there will be a walking tour of Prague, ending with a social event at a restaurant/pub.

Socioeconomic Inequalities

**Date and Time:** 7th June, 12:05 – 13:20 hours  
**Room:** Club D

Climbing down from our ivory towers: engaging study populations in intervention design  

The Socioeconomic Inequalities SIG session will host a panel of intervention researchers, at all stages of their academic careers, to lead a discussion on strategies for engaging study populations in intervention design. The purpose of this discussion is to assist early career investigators, as well as later-stage investigators new to intervention research, in developing context-specific and culturally-appropriate interventions more likely to be effective and efficacious. Panel members will share their key strategies to successfully engaging study populations, and audience members will have the opportunity to share their experiences and strategies. A primary focus of this discussion will be on engaging low socioeconomic status and minority populations in intervention development. SIG leaders will also briefly update members on important SIG-related news.
## PROGRAM OVERVIEW

**Tuesday 4th June**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>16:45 – 17:30</td>
<td>Opening Ceremony</td>
<td>Congress Hall</td>
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<tr>
<td>17:30 – 18:30</td>
<td>Keynote #1: Andy Haines, Health in a changing climate</td>
<td>Congress Hall</td>
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<tr>
<td>18:30 – 21:00</td>
<td>WELCOME RECEPTION</td>
<td>Congress Hall Foyer on Level 2</td>
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<td><strong>08:30–09:45</strong></td>
<td><strong>S1.01 / 16000</strong> Monitoring national physical activity policy: A global challenge <em>(Convenor: Prof. Michael Pratt)</em></td>
<td><strong>S1.02 / 15759</strong> Transactional effects of family, dyadic, and individual factors on eating behavior and weight in early childhood <em>(Convenor: Dr. Jaclyn Saltzman)</em></td>
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<td>09:45–09:50</td>
<td><strong>Transition time</strong> – 5 min to Congress Hall</td>
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<td><strong>09:50–10:50</strong></td>
<td><strong>Keynote #2: Greet Cardon, Low hanging fruit for optimizing active ageing</strong> – Congress Hall</td>
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<tr>
<td><strong>10:50–12:05</strong></td>
<td><strong>Coffee break and Poster Session #1</strong> – Congress Hall Foyer on Level 2 (75 min)</td>
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<td><strong>12:05–13:30</strong></td>
<td><strong>Oral Session 1</strong> Influence of food labelling on food choices</td>
<td><strong>Oral Session 2</strong> Food-related parenting practices and their children’s eating</td>
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<td><strong>13:30–14:30</strong></td>
<td><strong>Lunch</strong> – Congress Hall Foyer on Level 2 (60 min)</td>
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<td><strong>14:30–15:45</strong></td>
<td><strong>Oral Session 12</strong> School policies for physical activity and nutrition</td>
<td><strong>Oral Session 13</strong> Parental feeding practices in preschoolers</td>
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<td><strong>15:45–15:50</strong></td>
<td><strong>Transition time</strong> – 5 min</td>
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<td><strong>15:50–16:20</strong></td>
<td><strong>ECR Talk Lukáš Rubin</strong> Physical activity and also physical fitness is associated with the built environment in adolescents</td>
<td><strong>ECR Talk Marta Marques</strong> Advancing behavior science methods and theories: On the road to personalisation</td>
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<td><strong>16:20–16:35</strong></td>
<td><strong>Coffee break</strong> – Congress Hall Foyer on Level 2 (15 min)</td>
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<td><strong>16:35–17:50</strong></td>
<td><strong>S2.13 / 15865</strong> Effectiveness and cost-effectiveness of urban green space interventions <em>(Convenor: Dr. Ruth Hunter)</em></td>
<td><strong>S2.14 / 15889</strong> Streets as a resource and place for physical activity and play for youth: Innovative approaches and methods <em>(Convenor: Dr. M. Renée Umstattrd Meyer)</em></td>
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<td><strong>$1.06 / 15756</strong></td>
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<td>Promoting sustainable behaviour, nutrition and physical activity interventions in healthcare settings – tackling challenges of health professional gatekeeping (Convenor: Prof. Annie Anderson)</td>
<td>Healthy eating and physical activity in home-based/family childcare (Convenor: Prof. Tony Okely)</td>
<td>The role, opportunities, and challenges of feasibility and pilot studies in behavioural nutrition and physical activity research (Convenor: Ms. Sonja Klingberg)</td>
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**Oral Session 6**
Healthy ageing

**Oral Session 7**
Nutrition and physical activity research in preschoolers

**Oral Session 8**
Accelerometry-based assessment of physical activity in adults and children

**Oral Session 9**
Behavior change and health outcomes

**Oral Session 10**
Socio-economic and ethnic differences in physical activity

**Oral Session 11**
Macro level policies

**Oral Session 17**
Disease prevention and management

**Oral Session 18**
Pregnancy and early childhood

**Oral Session 19**
Behavioral nutrition assessment in youth

**SIG 1**
Cancer prevention and management (SIG)

**SIG 2**
Ageing (SIG)

**SIG 3**
Implementation and scalability (SIG)

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<td><strong>$2.18 / 15787</strong></td>
<td><strong>$2.19 / 15911</strong></td>
<td><strong>$2.20 / 15856</strong></td>
<td><strong>$2.21 / 15737</strong></td>
<td><strong>$2.22 / 15859</strong></td>
<td><strong>$2.23 / 15785</strong></td>
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<tr>
<td>Increasing physical activity and reducing sedentary time in people living with mental illness in low- and middle-income settings (Convenor: Prof. Philip Ward)</td>
<td>Using community participation in health promoting interventions (Convenor: Dr. Teatske Altenburg)</td>
<td>What defines a day? Exploring data collection and processing decisions and implications for 24-hour measurement of sleep, sedentary behavior, and physical activity (Convenor: Dr. Michelle Takem)</td>
<td>The physical environment, physical activity and quality of life in older adults (Convenor: Dr. Delfien Van Dyck)</td>
<td>Activity behaviours, motor competence, and health in the early years – Where are we and where do we go from here? (Convenor: Dr. Silvia Costa)</td>
<td>Public discourse and policy debates: fiscal policies to reduce sugar consumption and the role of the media (Convenor: Dr. Tarra Penney)</td>
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| 08:30–09:45   | **S3.25 / 15869** To legislate or not to legislate? Engaging the food industry to reformulate food and meals  
(Convenor: Dr. Jacqui Webster) | **S3.26 / 15659** Challenges and opportunities for promoting physical activity in out-of-school time programs  
(Convenor: Dr. Michael Beets) | **S3.27 / 15860** Research opportunities for implementation of diet and physical activity behavioral interventions  
(Convenor: Associate Prof. Luke Wolfenden) | **S3.28 / 15743** Defining “success” in digital health behavior solutions: Academic vs industry perspectives  
(Convenor: Dr. Camille E Short) | **S3.29 / 15967** Integrating multiple stakeholder perspectives to build partnerships that shape effective nutrition and physical activity interventions  
(Convenor: Dr. Samantha Harden) |
| 09:45–09:50   | **Transition time** – 5 min to Congress Hall                                  |                                                                               |                                                                           |                                                                           |                                                                           |
| 09:50–10:50   | **Keynote #3: Bruce Lee, How systems approaches can transform nutrition and physical activity**  
Congress Hall                              |                                                                               |                                                                           |                                                                           |                                                                           |
| 10:50–12:05   | **Coffee break and Poster Session #2** – Congress Hall Foyer on Level 2 (75 min) |                                                                               |                                                                           |                                                                           |                                                                           |
| 12:05–13:30   | **Oral Session 20** Policies and environments: Methods and interventions      | **Oral Session 21** Research on weight management                             | **Oral Session 22** Interventions in behavioral nutrition and physical activity | **Oral Session 23** Gamification, social media, apps and wearables          | **Oral Session 24** Determinants and methods in behavioral nutrition and physical activity |
| 13:30–14:30   | **Lunch** – Congress Hall Foyer on Level 2 (60 min)                           |                                                                               |                                                                           |                                                                           |                                                                           |
| 14:30–15:45   | **Oral Session 31** Built and social environment and physical activity/  
sedentary behavior | **Oral Session 32** Prevalences and patterns of physical activity and  
sedentary behavior in children | **Oral Session 33** Health promotion interventions in disadvantaged families | **Oral Session 34** Interventions and methods in behavior change studies | **Oral Session 35** Socio-economic inequalities in nutrition              |
| 15:45–15:50   | **Transition time** – 5 min                                                   |                                                                               |                                                                           |                                                                           |                                                                           |
| 15:50–16:25   | **Short Oral 1** Nutrition policies and environmental interventions            | **Short Oral 2** Physical activity and sedentary behavior studies in children  | **Short Oral 3** Nutrition and physical activity studies in children and adolescents | **Short Oral 4** Determinants of nutrition and/or physical activity       | **Short Oral 5** Nutrition and physical activity studies                |
| 16:25–16:35   | **Coffee break** – Congress Hall Foyer on Level 2 (10 min)                    |                                                                               |                                                                           |                                                                           |                                                                           |
| 16:35–17:50   | **S4.37 / 15905** Built and social environments and active transport in youth: Insights from three continents  
(Convenor: Associate Prof. Sandra Mandic) | **S4.38 / 15841** The utility of the family nutrition and physical activity  
(FNPA) screening tool for child obesity prevention and treatment in clinical settings.  
(Convenor: Dr. Lorraine Lanningham-Foster) | **S4.39 / 15977** Transitioning high intensity interval training (HIIT) from the lab into the real world: Practical implications, barriers and facilitators to implementation  
(Convenor: Associate Prof. Jonathan Little) | **S4.40 / 15996** Use of behavioural big data and citizen science to enrich scientific data on (un)healthy behaviours. From the individual to public health actions  
(Convenor: Prof. Marie Löf) | **S4.41 / 16023** Doing digital reality-based nutrition education research: The good, bad, and the ugly  
(Convenor: Dr. Siew Sun Wong) |
<p>| 19:30–23:00   | <strong>ISBNPA Dinner</strong>                                                              |                                                                               |                                                                           |                                                                           |                                                                           |</p>
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<tr>
<td><strong>$3.30 / 15773</strong> Translating lifestyle interventions for cancer patients into clinical practice (Convenor: Dr. Rebecca Beeken)</td>
<td><strong>$3.31 / 15806</strong> Move to Learn: Does physical activity cause improvements in cognitive development and academic achievement in preschool and school-aged children? (Convenor: Dr. Dylan Cliff)</td>
<td><strong>$3.32 / 15953</strong> School-based interventions to promote cycling as a mode of commuting (Convenor: Associate Prof. Palma Chillón)</td>
<td><strong>$3.33 / 15873</strong> Eating behaviours: Navigating the transition from childhood to young adulthood (Convenor: Dr. Kirsten Verkooijen)</td>
<td><strong>$3.34 / 15902</strong> Electronic ecological momentary assessment to measure correlates of physical activity and sedentary behaviour (Convenor: Dr. Ann DeSmet)</td>
<td><strong>$3.35 / 15793</strong> Food retail environments - entry points for approaches to improve dietary behaviours (Convenor: Prof. Joline Beulens)</td>
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### Oral Session 25
**Ageing and community health**

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<tbody>
<tr>
<td>Physical activity and sedentary behavior research in preschoolers</td>
<td>Assessment of physical activity and sedentary behavior</td>
<td>Trials and programs in behavior change</td>
<td>Analytic approaches to physical activity assessment</td>
<td>Corporation strategies and government policies</td>
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### Oral Session 36
**Ageing and nutrition**

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<tr>
<th>Oral Session 37</th>
<th>Oral Session 38</th>
<th>SIG 4</th>
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<th>SIG 6</th>
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</thead>
<tbody>
<tr>
<td>Mental health and behavioral nutrition and physical activity</td>
<td>Behavioral assessment in adults</td>
<td>E- &amp; mHealth (SIG)</td>
<td>Early care and education (SIG)</td>
<td>Policies and environments (SIG)</td>
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### Short Oral
**Healthy ageing**

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<th>Short Oral 6</th>
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<tbody>
<tr>
<td>Healthy ageing</td>
<td>Disease prevention and weight management</td>
<td>Assessment and methodologies of the environment</td>
<td>E- &amp; mHealth observational studies</td>
<td>Nutrition and physical activity research in childcare</td>
<td>Influence of the environment on nutrition or physical activity behavior</td>
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### Short Oral 26
**Activity-related behaviours and salient proximal outcomes in adolescents and young adults: interpretation, challenges and future research needs** (Convenor: Dr. Kirsten Corder)

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<tr>
<th>Short Oral 42</th>
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<tr>
<td><strong>$4.42 / 15792</strong> Activity-related behaviours and salient proximal outcomes in adolescents and young adults: interpretation, challenges and future research needs (Convenor: Dr. Kirsten Corder)</td>
<td><strong>$4.43 / 15775</strong> E-bikes across the lifespan (Convenor: Dr. Jelle Van Cauwenberg)</td>
<td><strong>$4.44 / 15891</strong> Collecting data about the 24-hour day: Advances in time use and physical activity recall methods (Convenor: Dr. Josephine Chau)</td>
<td><strong>$4.45 / 15765</strong> Feasibility and effectiveness of sedentary behaviour interventions in older adults (Convenor: Dr. Paul Gardiner)</td>
<td><strong>$4.46 / 15920</strong> New frontiers in mobile health technology: Capitalizing on real-time data capture to tailor dietary intervention messages (Convenor: Dr. Christina Pollard)</td>
<td><strong>$4.47 / 15796</strong> In-store supermarket interventions to improve healthier food purchasing: Real life experiments (Convenor: Dr. Maartje Poelman)</td>
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<td><strong>08:30–09:45</strong></td>
<td><em>S5.49 / 15984</em> Policy, systems, and environmental improvements to worksites’ physical activity and nutrition <em>(Convenor: Dr. Elizabeth Racine)</em></td>
<td><em>S5.50 / 15987</em> Global Matrix 3.0 on physical activity for children and youth: Insights from report card grades from European, African, Latin-American, and Asian countries <em>(Convenor: Ms. Salomé Aubert)</em></td>
<td><em>S5.51 / 16018</em> Implementation science in nutrition and physical activity large-scale community-based health interventions – Novel strategies for capturing and monitoring dissemination <em>(Convenors: Dr. Melissa Olfert and Miss Rachel Wattick)</em></td>
<td><em>S5.52 / 15840</em> Cross-national trends in energy-related behaviours among adolescents from an international perspective – Findings from the health behaviour in school-aged children (HBSC) study <em>(Convenor: Prof. Jens Bucksch)</em></td>
<td><em>S5.53 / 16015</em> Considerations for designing, conducting and evaluating implementation interventions that aim to improve healthcare professional’s provision of nutrition and physical activity support for pregnant women <em>(Convenor: Dr. Jenna Hollis)</em></td>
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<td><strong>09:45–09:50</strong></td>
<td>Transition time – 5 min to Congress Hall</td>
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<td><strong>09:50–10:50</strong></td>
<td><strong>Mid-career research talks</strong> – Congress Hall</td>
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<td></td>
<td>Esther van Sluijs, <em>Where next for physical activity promotion in young people?</em></td>
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<td>Uriyoan Colón Ramos, <em>The challenges in addressing dietary disparities</em></td>
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<td><strong>10:50–12:05</strong></td>
<td><strong>Coffee break and Posters Session #3</strong> – Congress Hall Foyer on Level 2 (75 min)</td>
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<td><strong>12:05–13:20</strong></td>
<td><strong>Oral Session 39</strong> How to impact energy dense food intakes?</td>
<td><strong>Oral Session 40</strong> Nutrition and physical activity research in infants</td>
<td><strong>Oral Session 41</strong> School-and family-based interventions promoting physical activity &amp; sedentary behavior in children</td>
<td><strong>Oral Session 42</strong> Digital and online tools for nutrition assessment and promotion</td>
<td><strong>Oral Session 43</strong> Implementation of physical activity &amp; sedentary behavior interventions in adults</td>
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<td><strong>13:20–14:20</strong></td>
<td><strong>Lunch</strong> – Congress Hall Foyer on Level 2 (60 min)</td>
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<td><strong>14:20–14:55</strong></td>
<td><strong>Short Oral 12</strong> Determinants of physical activity and sedentary behavior</td>
<td><strong>Short Oral 13</strong> Parents as key influencer on preschoolers’ diet?</td>
<td><strong>Short Oral 14</strong> Behavior change Interventions</td>
<td><strong>Short Oral 15</strong> Digital health promotion tools for behavioral nutrition and physical activity</td>
<td><strong>Short Oral 16</strong> Upscaling nutrition and physical activity interventions</td>
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<td><strong>14:55–15:00</strong></td>
<td>Transition time – 5 min to Congress Hall</td>
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<td><strong>15:00–16:00</strong></td>
<td><strong>Keynote #4: Barry Popkin, The nutrition transition, dynamics in low- and middle-income countries, and current policy and regulatory activities to address nutrition-related health issues</strong></td>
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<td><strong>16:05–16:35</strong></td>
<td><strong>Closing Ceremony</strong></td>
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<td><strong>16:35–17:35</strong></td>
<td><strong>Public Open Panel</strong> – Congress Hall</td>
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**Program Overview**

### Oral Session 44
Preventing cancer and disease through physical activity

### Oral Session 45
Trends in behavioral nutrition physical activity

### Oral Session 46
Food environments, socio-economic differences and lifestyle

### SIG 7
Socio-economic inequalities (SIG)

### SIG 8
Motivation and behavior change (SIG)

### SIG 9
Children and families (SIG)

### Short Oral 17
Cancer prevention and management

### Short Oral 18
Physical activity and sedentary behavior studies

### Short Oral 19
Disease prevention and management

### Short Oral 20
Socio-economic inequalities in nutrition

### Short Oral 21
Assessment and methodologies in behavioral nutrition and physical activity

### Short Oral 22
Providing evidence for policies
**KEYNOTE SPEAKERS**

**Prof. Sir Andy Haines** *(Department of Public Health, Environments and Society and Department of Population Health, London School of Hygiene and Tropical Medicine)*

**Health in a Changing Climate**

*Tuesday, 4th June, 17:30 – 18:30 hours*

Professor Sir Andy Haines was Dean (subsequently Director) of the London School of Hygiene & Tropical Medicine for nearly 10 years until October 2010 and is currently Professor of Environmental Change and Public Health. He was a family doctor in inner London for many years and formerly Professor of Primary Health Care at UCL. His international experience includes a secondment at WHO Geneva and work in Jamaica, Nepal and the USA. He has participated in many national and international bodies including the UN Intergovernmental Panel on Climate Change (on 3 occasions), the UK DFID Research Advisory Group (latterly chair) and the WHO Advisory Committee on Health Research. He was chair of the Rockefeller Foundation /Lancet Commission on Planetary Health and led several Lancet series including the 2009 Lancet series on the ‘Public health benefits of strategies to reduce greenhouse gas emissions.’ He is currently a member of the Sustainable Development Solutions Network Leadership Council, the Scientific Advisory Panel of the Climate and Clean Air Coalition and the Rockefeller Council on the Economics of Planetary Health. His research interests focus on the linkages between health and natural systems and the health (co-)benefits of ‘low carbon’ policies, sustainable healthy cities and food systems.

**Prof. Greet Cardon** *(Ghent University)*

**Low Hanging Fruit for Optimizing Active Ageing**

*Wednesday, 5th June, 09:50 – 10:50 hours*

Professor Greet Cardon has a Master’s degree in Physical Education and in Motor rehabilitation and Physical therapy. She is a full professor and head of the Department of Movement and Sports Sciences in the Faculty of Medicine and Health Sciences of Ghent University, Belgium, where she leads the research group “Physical activity and Health”. Her research mainly focuses on understanding the determinants of physical activity and sedentary behavior, as well as identifying the most effective ways to promote more physical activity and less sitting in different age groups. She has been involved in several European projects on health-related behaviors (e.g. ToyBox, Spotlight, DEDIPAC, Feel4Diabetes, Smartlife) and in government funded projects. Next to research she is highly involved in teaching at
Ghent University and in getting research findings to actors in the field, by giving workshops and lectures and by participating in several policy related advisory boards. She has (co-) authored over 300 scientific papers and is a former president and fellow of the International Society of Behavioral Nutrition and Physical Activity.

**Associate Prof. Bruce Y. Lee**  
(Johns Hopkins Bloomberg School of Public Health)  
**How Systems Approaches Can Transform Nutrition and Physical Activity**  
Thursday, 6th June, 09:50 – 10:50 hours

Bruce Y. Lee, MD, MBA is Associate Professor of International Health at the Johns Hopkins Bloomberg School of Public Health, Executive Director of the Global Obesity Prevention Center (GOPC) (www.globalobesity.org), and Director of Operations Research at the International Vaccine Access Center (IVAC) as well as Associate Professor at the Johns Hopkins Carey Business School. Dr. Lee has two decades of experience in industry and academia in systems science, digital health, and developing mathematical and computational methods, models, and tools to assist decision making in health and medicine. Dr. Lee has authored over 200 scientific publications (including over 100 first author and over 67 last author) as well as three books. Dr. Lee is a regular contributor to Forbes and has also written for a range of other general media including Time, The Guardian, HuffPost, and the MIT Technology Review.

**Dr. Barry M. Popkin**  
The Nutrition Transition, Dynamics in Low- and Middle-income Countries, and Current Policy and Regulatory Activities to Address Nutrition-related Health Issues  
Friday, 7th June, 15:00 – 16:00 hours

Barry M. Popkin, PhD, (economics) developed the concept of the Nutrition Transition, the study of the dynamic shifts in our environment and the way they affect dietary intake and physical activity patterns and trends and obesity and other nutrition-related noncommunicable diseases. His research program focuses globally on understanding the shifts in stages of the transition and programs and policies to improve the population health linked with this transition. He is now actively involved in work on the program and policy design and evaluation side at the US and global levels, including collaborative research with colleagues in Mexico, Brazil, Chile and Colombia and South Africa. He has received a dozen major awards for his global contributions, including: 2016 World Obesity Society: Population Science & Public Health Award – for top global public health researcher; UK Rank Science prize; & The Obesity Society Mickey Stunkard Lifetime Achievement Award.  

*Speakers continued…*
THE 2019 INVITED MID-CAREER RESEARCHERS

**Dr. Esther van Sluijs** [University of Cambridge]

*Where Next for Physical Activity Promotion in Young People?*

Friday, 7th June, 09:50 – 10:50 hours

Dr. Esther van Sluijs is a programme leader at the Centre for Diet and Activity Research, MRC Epidemiology Unit, University of Cambridge. Her research uses observational evidence to further enhance the understanding of where, when, and how physical activity in young people may be promoted, and evaluates the impact of the resulting interventions. She is currently involved in evaluations of school- and family-based physical activity promotion interventions and the International Children’s Accelerometry Database (ICAD). Esther holds a PhD in Public Health and Epidemiology from the Vrije Universiteit Amsterdam, and has been an expert advisor on children's physical activity promotion for IOC and NICE.

**Dr. Uriyoan Colón Ramos** [George Washington University]

*The Challenges in Addressing Dietary Disparities*

Friday, 7th June, 09:50 – 10:50 hours

Dr. Uriyoan Colón Ramos is an Associate Professor with the Department of Global Health, and the Department of Exercise and Nutrition Sciences at the Milken Institute School of Public Health in George Washington University. She is a public health nutrition investigator with expertise working in Latin America and the Caribbean, and with underrepresented populations in the United States. Her work has contributed to the knowledge of existing dietary disparities among Hispanic subgroups by country of origin, the process of translation of science into nutrition policy in Latin America, and the social and environmental determinants of dietary behaviors among vulnerable populations in the US, Latin America and the Caribbean. She studies the neighborhood, home, and sociocultural determinants of diet, seeking to identify how to engage family and community partners in actions to improve access to foods and nutrition care when there are other competing priorities to their wellbeing. Dr. Colón-Ramos holds a Bachelor of Arts, and a Master’s in Public Administration, both from Cornell University, and doctorate in public health nutrition from the Harvard School of Public Health.
OPEN PANEL SPEAKERS  Friday, 7th June, 16:35 – 17:35 hours

Prof. Elling Tufte Bere  (Norwegian Institute of Public Health)

**Sustainable Physical Activity**

Elling Bere is senior researcher at Norwegian Institute of Public Health and professor in Public Health at University of Agder, Norway. Bere is a biologist with a phd in Public Health Nutrition. He lives in Kristiansand, Norway, and enjoys all kinds of foods and physical activities. Bere is scientifically interested in intervention research and determinants of eating behaviors and physical activities, e.g. social inequalities. As our lifestyles affect both our health and our environment, he tries to focus his research on sustainable lifestyles; i.e. what are sustainable behaviors, how are they related to health, and how can they be promoted. His main current research topics are within active transportation, sustainable diets, and school fruit/lunch.

Dr. Wilma Waterlander  (University of Amsterdam)

**Sustainable Diet**

Dr. Waterlander is a scientific researcher at the Amsterdam UMC, University of Amsterdam, Department of Public Health. In 2012, Wilma completed her PhD on the feasibility and effectiveness of food pricing strategies on food purchasing behaviour (e.g., the effectiveness of a sugar tax, fruit and vegetable, subsidy, etc.). After that, she worked 6 years at the University of Auckland leading food pricing and food policy research and returned to the Netherlands in 2017. In her current position, Wilma is working as senior project-coordinator and researcher of the LIKE (Lifestyle Innovations based on youths’ Knowledge and Experience) project. This project combines methods from systems dynamics and Participatory Action Research to develop an innovative, accessible and sustainable approach to promote healthy habits in 10-14 years olds in multi-ethnic lower SE-groups in Amsterdam (as part of the Amsterdam Healthy Weight Programme). Also, she is co-investigator on a Wellcome Trust funded study (US) testing food pricing strategies to improve diet for health and climate outcomes and co-investigator of a research programme at the University of Auckland (NZ) working with one of the major retailers to co-design supermarket interventions to promote healthier diets. Wilma was a Fellow for the Lancet Commission on Obesity that recently published its report on The Global Syndemic of Obesity, Undernutrition, and Climate Change. She is also a Fellow of the International Council for Science Food Futures Early Career Network and has published a report as part of as part of the Meeting Urban Food Needs initiative of the Food and Agricultural Organization (FAO). She spent 3 months at the University of Oxford working on a project that modelled the optimal food pricing strategies for climate and public health outcomes.

*Panelists continued…*
Prof. Steven Allender [Deakin University]

Sustainable Health and Obesity

Dr. Steven Allender is Professor of Public Health and founding Director of the Global Obesity Centre (GLOBE) at Deakin University, a World Health Organization Collaborating Centre for Obesity Prevention since 2003. Steve has an ongoing programme of research on solving complex problems with a focus on the burden of chronic disease and obesity prevention. Recent work has seen a particular interest in the burden of chronic disease, malnutrition and climate change in developed and developing countries and the possibilities for using complex systems approaches for community-based intervention. Prof. Allender leads two NHMRC Partnership grants on community-based childhood obesity strategies and is a lead investigator for the Centre of Research Excellence in Food Retail Environments for Health, the European Union Horizon 2020 Co-Create grant for healthier policy in Europe and a named researcher for the Australian Prevention Partnership Centre. Steve has received lead investigator funding from bodies including the US National Institutes of Health, National Health and Medical Research Council, the Australian Heart Foundation, VicHealth, the British Heart Foundation, the Western Alliance, European Heart Foundation and the European Union. The GLOBE team support efforts to improve health in over 30 countries world-wide and work directly with the WHO to achieve these aims.

Steve holds a number of honorary appointments including:
- Research Associate, World Health Organization Collaborating Centre for Chronic Disease Prevention, University of Oxford
- Foundation Member World Heart Federation's Global Working Group (WG) on Policy/Advocacy
- Consultant, Prevention, Health Policy and Epidemiology Section, European Association for Cardiac Prevention and Care
- Honorary Membership Faculty of Public Health. Royal College of Physicians, UK

Panel Moderator: Prof. Knut-Inge Klepp
[Norwegian Institute of Public Health]

Knut-Inge Klepp, Ph.D. MPH is Executive Director of Mental and Physical Health at the Norwegian Institute of Public Health. Klepp served as Director General for Public Health at the Norwegian Directorate of Health from 2006 to 2015. He is an adjunct professor at the Faculty of Medicine, University of Oslo where he served as a professor in public health nutrition from 1996 to 2006. Prior to this, he was a professor in international health promotion at the Faculty of Psychology, University of Bergen. Klepp has published extensively in the fields of adolescent health promotion,
nutrition and hiv/aids prevention. He has coordinated and served as investigator on a large number of European Union research projects, and he served as rapporteur for the Working Group on Implementation, Monitoring and Accountability for the WHO Commission on Ending Childhood Obesity. Klepp has previously chaired the Norwegian National Council on Nutrition and Physical Activity, and he is former president of the International Society of Behavioral Nutrition and Physical Activity.

INVITED EARLY CAREER AND STUDENT SPEAKERS

EARLY CAREER INVITED TALKS:

- M Marques, Trinity College Dublin
  Advancing Behavior Science Methods and Theories: On the Road to Personalisation
  Wednesday 5th June, 15:50 – 16:20 hours, South Hall 2B

- L Rubin, Palacký University Olomouc
  Physical Activity and also Physical Fitness is Associated with the Built Environment in Adolescents
  Wednesday 5th June, 15:50 – 16:20 hours, South Hall 2A

STUDENT INVITED TALKS:

- A Jawad, London School of Hygiene and Tropical Medicine
  Complexity in Public Health Interventions
  Wednesday 5th June, 15:50 – 16:20 hours, Terrace 2A

- BJ Kemp, University of Wollongong
  Changes in Non-organised Physical Activity in the Transition from Childhood to Adolescence: What, Who, and Why?
  Wednesday 5th June, 15:50 – 16:20 hours, North Hall
STUDENT AND EARLY CAREER AWARD NOMINEES

EARLY CAREER RESEARCHER BEST ORAL PRESENTATION NOMINEES

• Henna Vepsäläinen, University of Helsinki
  Hair cortisol concentration and dietary patterns among Finnish preschoolers (O03.2)
  Wednesday 5th June, 12:17 – 12:29, North Hall

• Kathryn Hesketh, UCL GOS Institute of Child Health
  Objectively measured physical activity over the transition to formal education in British children: cross-sectional and prospective data (O32.1)
  Thursday 6th June, 14:30 – 14:42, South Hall 2B

• Tarun Katapally, University of Regina
  The SMART Platform: A digital citizen science approach for active living surveillance, knowledge translation, and environmentally sustainable policy interventions (O23.7)
  Thursday 6th June, 13:17 – 13:29, Terrace 2A

STUDENT BEST ORAL PRESENTATION NOMINEES

• Ariella Korn, Tufts University
  Deconstructing the effect of the Children’s Healthy Living (CHL) multilevel trial on sugar-sweetened beverage and water intakes in early childhood (O20.2)
  Thursday 6th June, 12:17 – 12:29, South Hall 2A

• Kelly Wunderlich, University of British Columbia
  StandUP UBC: Impact of a low-cost standing desk on reducing workplace sitting (O22.4)
  Thursday 6th June, 12:41 – 12:53, North Hall

• G Souter-Brown, Auckland University of Technology
  Get moving and beat stress: The effect of a sensory garden on stress levels in University staff and students (O09.2)
  Wednesday 5th June, 12:17 – 12:29, Club D
EARLY CAREER RESEARCHER BEST POSTER PRESENTATION NOMINEES

- Noémie Carbonneau, Université du Québec a Trois-Rivières
  Is self-compassion related to body esteem, intuitive eating, and emotional eating? A look at intrapersonal and interpersonal associations within dyads of mothers and their adult daughters (P2.51)
  Thursday 6th June, 10:50 – 12:05, Congress Hall Foyer Level 2

- Stephanie Partridge, The University of Sydney
  Limited engaging and interactive online health information for adolescents: a systematic review of Australian websites (P1.45)
  Wednesday 5th June, 10:50 – 12:05, Congress Hall Foyer Level 2

- Natasha Cole, Baylor College of Medicine
  Maternal feeding dimensions of responsiveness and demandingness as predictors of low-income preschoolers’ eating self-regulation: a longitudinal analysis (P2.67)
  Thursday 6th June, 10:50 – 12:05, Congress Hall Foyer Level 2

STUDENT BEST POSTER PRESENTATION NOMINEES

- Kristen Reilly, Western University
  The impact of a parent-focused paediatric overweight/obesity intervention on parent self-efficacy and children’s body composition outcomes (P2.82)
  Thursday 6th June, 10:50 – 12:05, Congress Hall Foyer Level 2

- Yazmin Cespedes, University of Minnesota
  Addressing Food Neophobia in School-Aged Children (P2.96)
  Thursday 6th June, 10:50 – 12:05, Congress Hall Foyer Level 2

- A Jackson, Washington State University
  Communication About Food and Nutrition within the Parent-Young Child Dyad (P2.74)
  Thursday 6th June, 10:50 – 12:05, Congress Hall Foyer Level 2
TUESDAY 07:00 – 12:00

DETAILED PROGRAM: TUESDAY 4TH JUNE

07:30 – 17:30  Registration

08:30 – 16:30  Club A

Full Day Workshop

Workshop 1
ISBNPA Early career researcher and student workshop
Dr. Jenna Hollis – University of Newcastle, Australia
Maartje Poelman – ISBNPA Executive Committee ECR and student representative, Netherlands
Katherine Downing – ISBNPA Executive Committee ECR and student representative, Australia
Other NESI committee members (15 members)

08:30 – 12:00 Various Rooms, See Below

Half Day Morning Workshops

Workshop 2  Club B
Evaluation and scale-up of physical activity interventions: Lessons from six large-scale trials in Australia and Canada
Prof. Cathie Sherrington – University of Sydney, Australia
Prof. Adrian Bauman – University of Sydney, Australia
Prof. Heather McKay – University of British Columbia, Canada
Prof. P-J Naylor – University of Victoria, Canada
A/Prof. Anne Tiedemann – University of Sydney, Australia
Dr. Leanne Hassett – University of Sydney, Australia

Workshop 4  Club C
How to motivate the family to change?
Applying motivational interviewing spirit & skills
Prof. Moria Golan – Tel Hai Academic College, Israel
Maya Mouallem – Tel Hai Academic College, Israel

Workshop 6  Club D
Navigating the midcareer journey
A/Prof. Maureen Ashe – University of British Columbia, Canada
Dr. Borja del Poza-Cruz – Australian Catholic University, Australia
Dr. Ruth Lowry – University of Chichester, United Kingdom
Workshop 8
The new frontier of behavioral research: Big data, user phenotypes, and precision interventions
Melanie Hingle – University of Arizona, United States of America
Heather Patrick – Carrot Inc., United States of America
Debbie Thompson – Baylor College of Medicine, United States of America
Dori Steinberg – Duke University, United States of America
Ann DeSmet – Ghent University, Belgium
Kelly Morgan – Cardiff University, United Kingdom

13:15 – 16:30 Various Rooms, See Below
Half Day Afternoon Workshops

Workshop 3
Learn techniques to tailor obesity risk assessment tool to the literacy, socioeconomic, language and cultural practices of your target audience and select appropriate validation methods
Marilyn Townsend – University of California, Davis, United States of America
Mical Shilts – California State University, Sacramento, United States of America
Karina Diaz Rios – University of California, Merced, United States of America
Louise Lanoue – University of California, Davis, United States of America

Workshop 5
Selecting behavioral and environmental measures for youth eating and physical activity
Leslie A. Lytle – University of North Carolina, Chapel Hill, United States of America
David Berrigan – National Institutes of Health, United States of America
Sharon Kirkpatrick – University of Waterloo, Canada
Allison Myers – Oregon State University, United States of America
Jim Sallis – University of California, San Diego, United States of America
Greg Welk – Iowa State University, United States of America

Workshop 7
International network on green space related approaches to physical activity promotion: The GREEN-PA Network
Ruth Hunter – Queen's University Belfast, Northern Ireland, United Kingdom
Dr. Sojna Kahlmeier – University of Zurich, Switzerland
Prof. Carlo Fabian – FHNW, Switzerland
Prof. Mark Nieuwenhuijsen – IS Global Barcelona, Spain
Prof. Kelly O’Hara – University Beira Interior, Portugal
Dr. Erja Rappe – Age Institute, Finland
Dr. Niamh Murphy – Waterford Institute of Technology, Ireland
Workshop 9
Exploring physical activity and nutrition through action-oriented research: The method of photovoice
Mr. Colin Baillie – Queen’s University, Canada
Dr. Kate Storey – University of Alberta, Canada
Dr. Lucie Lévesque – Queen’s University, Canada

Workshop 10
Using you research to influence policy: An overview and practical strategies
Rebecca E. Lee – Arizona State University, United States of America
Elizabeth Ablah – University of Kansas School of Medicine-Wichita, United States of America
Patti-Jean Naylor – University of Victoria, Canada
Andrew Milat – Australian Prevention Partnership Centre, Australia
Elizabeth Lorenzo – Arizona State University, United States of America

16:45 – 17:30 Congress Hall
Opening Ceremony
Welcome from ISBNPA 2019 Co-Chairs and ISBNPA President

17:30 – 18:30 Congress Hall
Keynote Session 1
Prof. Sir Andy Haines, Health in a Changing Climate

18:30 – 21:00 Congress Hall, Foyer Level 2
Welcome Reception
## PROGRAM: WEDNESDAY 5TH JUNE

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<th>Time</th>
<th>Session</th>
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<tr>
<td>08:30 – 09:45</td>
<td>Symposia</td>
<td>Monitoring national physical activity policy: A global challenge</td>
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<td>(Convenor: Prof. Michael Pratt, MD, MSPE, MPH)</td>
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<td>S1.01.01</td>
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<td>Can lessons from monitoring global policy for tobacco, alcohol, obesity, and nutrition inform physical activity?</td>
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<td>S1.01.02</td>
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<td>The Global Observatory for Physical Activity-GoPA! National policy inventory</td>
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<td>S1.01.03</td>
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<td>Challenges of monitoring physical activity policy in the Czech Republic</td>
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<td>S1.02</td>
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<td>Transactional effects of family, dyadic, and individual factors on eating behavior and weight in early childhood</td>
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<td>S1.02.01</td>
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<td>The Good Tastes Study: Exploring developmental associations between temperament and food acceptance in young children</td>
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<td>Interactions between parental feeding practices and temperament in infant and children's eating behaviour</td>
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<td>S1.02.03</td>
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<td>Independent and interactive effects of family factors, maternal attachment, and responsiveness on child appetite self-regulation</td>
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<td>S1.03</td>
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<td>Application of systems science principles to implementation of whole-of-community interventions targeting nutrition, physical activity and obesity</td>
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<td>S1.03.01</td>
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<td>An application of systems science to childhood obesity prevention interventions: Lessons from an agent-based model</td>
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<td>S1.03.02</td>
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<td>Systems science approaches to engage community stakeholders and evaluate diffusion of a community-based obesity prevention intervention</td>
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<td>Use of systems science principles and evidence of promising outcomes in multiple community based trials in Australia</td>
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<td>S1.04</td>
<td>15710: Behaviour change techniques used in tailored e- &amp; mHealth interventions targeting physical activity, sedentary behaviour, and sleep (Convenor: Dr. Katrien De Cocker)</td>
<td>Terrace 2A</td>
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| S1.04.01| Effectiveness of a HAPA-based e- and mHealth intervention targeting physical activity and sedentary behaviour: A randomized controlled trial  
*L Poppe, I De Bourdeaudhuij, M Verloigne, G Crombez* |          |
| S1.04.02| Action planning in a web-based computer-tailored intervention to reduce workplace sitting  
*K De Cocker, G Cardon, I Vergeer, T Radtke, C Vandelanotte* |          |
| S1.04.03| Learning to sleep: Can a tailored 28-day m-health behaviour change intervention improve sleep outcomes?  
*GE Vincent, E Crome, G Rigney* |          |
| S1.05   | 15767: Western Cape on Wellness (WoW!): Implementation, evaluation and adaptation of champions for health in South Africa (Convenor: Prof. Estelle Lambert) | Terrace 2B |
| S1.05.01| Western Cape on Wellness (WoW!) health promotion initiative pilot: Impact and effectiveness of health champions in South African worksites, schools and communities  
*EV Lambert, R Woodruff, S Bassett, K Dickie, Q Louw, S Maart, C Hendricks, S Meltzer 7, C Naude 8, F Marais* |          |
| S1.05.02| Qualitative evaluation of the WoW! health promotion initiative: Gaining insights into “what works”, for whom, and why, to address retention and inform scale-up and sustainability  
*M Young, S Bassett, B Andrews, G Smithdorff, M Malema, S Onagbiye, C Johannes, D Faro, R Woodruff, EV Lambert, F Marais* |          |
| S1.05.03| Western Cape on Wellness (WoW!): From efficacy to scale-up, evaluating process and implementation using the RE-AIM framework  
*F Marais, J JansevanRensburg, R Woodruff, S Maart, S Bassett, EV Lambert* |          |
| S1.06   | 15756: Promoting sustainable behavioural, nutrition and physical activity interventions in healthcare settings – Tackling challenges of health professional gatekeeping (Convenor: Prof. Annie Anderson) | Club A |
| S1.06.01| Using best practice implementation science to underpin a practice change intervention to support behaviour change amongst health care professionals  
*E James, A McGarvey, A Harridge, C Gedye, N Zdenkowski, B Britton, J Martin, R Plotnikoff, S Nixon, M Duncan, F Stacey* |          |
| S1.06.02| Support for physical activity and/or structured exercise along the cancer care continuum: qualitative perceptions of healthcare professionals  
*JM Saxton, K Semper, J Murdoch, A Varley, J McCulloch, L Lewis, M Jones, AM Swart, A Clark, J Hernon* |          |
| S1.06.03| Seeking the views of healthcare professionals to inform the development of a lifestyle intervention for cancer survivors; ‘Healthy Habits for Life’  
*RJ Beeken, H Croker, A Fisher* |          |
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<td>Participation in an obesity prevention intervention likely improves diet quality of 2-5 year old children cared for in family childcare homes: preliminary results from the Healthy Start/Comienzos Sanos Trial</td>
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<td>Describing the transition from feasibility to pilot study: Families Reporting Every Step to Health (FRESH)</td>
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S1.10.02 15913 The GET READY study: A co-created intervention with care home residents and university students following a service-learning methodology to reduce sedentary behaviour and increase movement
*M Giné-Garriga, M Sandlund, PM Dall, SF Chastin, DA Skelton*

S1.10.03 15932 MyDailyMoves: Co-creating a 24-h movement child-report together with 9-12-year-old children
*L Hidding, M Chinapaw, T Altenburg*

S1.11 15746 Socioeconomic and contextual factors on SSB consumption and implications for SSB tax designs (Convenor: Dr. Shu Wen Ng)  
*Club H*

S1.11.01 15757 Non-alcoholic and alcoholic beverage purchase patterns across socio-economic groups: Implications for SSB taxes
*L Cornelsen, A Allen, N Berger, R Smith*

S1.11.02 15758 The impact of the Cook County, IL, sweetened beverage tax on beverage sales
*L Powell, P Leger, J Leider*

S1.11.03 15762 Impact of sugar-sweetened beverage taxation in the Pacific
*A Teng, L Signal, N Wilson*

**09:45 – 09:50** Transition time (5 min to Congress Hall)

**09:50 – 10:50** Plenary 2
Low hanging fruit for optimizing active ageing, Greet Cradon

**10:50 – 12:05** Coffee break and Poster Session #1
(See page 66 for Poster Presentations)

**12:05 – 13:30** Orals

**O01** Influence of food labelling on food choices  
*South Hall 2A*

**O01.1** 16919 Most Canadian packaged foods remain too unhealthy to be marketed to children according to the World Health Organization Regional Office for Europe (WHO-EURO) nutrient profile model
*C Mulligan, M Ahmed, B Franco-Arellano, K Dickinson, L Vergeer, ME Labonté, T Poon, MR L'Abbé*

**O01.2** 17067 A randomized controlled trial evaluating the relative effectiveness of two front-of-pack nutrition labels
*EA Finkelstein, F Ang, M Wong, RM van Dam*

**O01.3** 17204 Consumers’ recall, understanding and perceptions of products with a nutrient content claim and a symbol depicting ‘health’
*B Franco-Arellano, L Vanderlee, M Ahmed, A Oh, M L'Abbé*
O01.4 16945 Prevalence of health, nutrition, and environment-related claims in the Brazilian packaged food supply
AC Duran, CR Ricardo, LA Mais, AP Bortoletto, LS Taillie

O01.5 17152 Examining the impact of proposed mandatory front-of-package 'high-in' nutrition symbols in the Canadian prepackaged food supply
A Christoforou, J Bernstein, M L'Abbe

O01.6 17182 Drawing on strategic management approaches to inform salt reduction: An external environmental analysis for packaged foods
H Trevena, B Neal, S Downs, T Davis, G Sacks, M Crino, AM Thow

O01.7 17356 Use of the nutri-score front-of-pack labelling system to evaluate the healthfulness of the canadian packaged food supply
KM Dickinson, M Ahmed, C Mulligan, B Franco-Arellano, L Vergeer, M L'Abbe

O02 Food-related parenting practices and their children's eating  South Hall 2B

O02.1 16959 Fathers' perceptions of family feeding: A grounded theory of family food labour
E Jansen, H Harris, T Rossi

O02.2 17272 Mothers’ observed restrictive feeding practices are associated with their own weight, not children’s characteristics
KW Bauer, K Shah, HM Weeks, AL Miller, JC Lumeng

O02.3 16870 Associations between food-related practices at home and calories from snacking among 8-12 year old children
C Arcan, S Friend, M Story, JA Fulkerson

O02.4 16528 Consuming like parents or peers? Influences on children’s intake of sugar-sweetened beverages
S Pedersen, A Grønhøj

O02.5 16947 A bi-directional look at parenting practices around food and children’s dietary behaviours: A qualitative inquiry
LC Masse, C Piatkowski, S Keidar, N Carbert, L Le Mare, PJ Naylor, H McKay, R Hanning

O02.6 16493 Associations between acute and chronic stress and parent food-related parenting practices: An ecological momentary assessment study
JM Berge, K Loth

O02.7 17257 Key strategies for promoting family meals made at home
JA Fulkerson, M Horning, S Friend, M Vacquier

O03 Nutrition, physical activity, sedentary behavior and sleep research in preschoolers  North Hall

O03.1 16935 Associations of snacking parameters with dietary quality among US preschoolers aged 2-5 y
JO Fisher, A Davey, A Kachurak, RL Bailey
Hair cortisol concentration and dietary patterns among Finnish preschoolers
H Vepsäläinen, H Sorvari, E Lehto, M Nislin, K Nissinen, L Koivusilta, C Ray, E Suhonen, N Sajaniemi, M Erkkola

An obesity treatment in preschoolers: 12 months results from a randomized controlled trial
P Nowicka, A Ek, M Somaraki, P Sandvik, C Marcus

Prevalence and correlates of screen use in toddlers: Results from the French ELFE birth cohort
JY Bernard, M Gassama, MA Charles, P Dargent-Molina

Aherence to 24-hour movement guidelines in 5.5-year-old Singaporean children
B Chen, JY Bernard, N Padmapiya, J Yao, C Goh, KH Tan, YS Chong, LP Shek, KM Godfrey, SY Chan, JG Eriksson, F Müller-Riemenschneider

Toddlers’ nighttime sleep and physical activity: The within- and between-person mediating roles of sedentary behavior and napping
BR Armstrong, MM Black

Associations of screen time, sedentary time and physical activity with sleep in the early years: A systematic review
A Martin, X Janssen, AR Hughes, CM Hill, G Kotronoulas, K Hesketh

Mothers’ perceptions and experience of participation in an infant obesity prevention program delivered via telephone calls or text messages
M Ekambareshwar, S Taki, S Mihrshahi, LA Baur, C Rissel, LM Wen

Profiling utilization of behaviour change techniques of an e-Health lifestyle modification app targeted at Canadian teens: A latent class analysis
Y Lin, J Vlaar, J MacDonald, J Bradbury, T Warshawski, LC Mâsse

Does ecological momentary assessment measure or cue sedentary behaviour of adults during the workday?
KA Weatherson, L Yun, KB Wunderlich, E Puterman, GE Faulkner

Efficacy of an m-health physical activity and sleep intervention to improve sleep quality in middle-aged adults: The Refresh Study randomized controlled trial
AT Rayward, RC Plotnikoff, B Murawski, C Vandelanotte, WJ Brown, EG Holliday, MJ Duncan

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Current implementation of recommended healthy eating and physical activity policies and practices in the family day care setting

**N Pond, J Jones, M Falkiner, M Finch, V Herrmann, S Green, A Stanley, M Lum, S Yoong**

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Association between autonomy supportive feeding practices of family child care home providers and fruit and vegetable intake

**P Risica, A Tovar, N Mena, K Gans, L Dionne, J Mello**

Family child care provider predictors of child diet quality among 2-to-5-year-olds

**KM Gans, N Mena, A Tovar, PM Risica, L Dionne, J Mello**

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<th>Impact of a state-wide policy to remove sugar-sweetened drinks in hospitals in New South Wales (NSW), Australia: Availability, consumer awareness and support</th>
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<td>L Cranney, B Drayton, M Thomas, M Crino, T O'Donnell, M Cobcroft, P Phongsavan, A Bauman</td>
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The direct healthcare costs of sedentary behaviour in the UK
L Heron, C O’Neill, H McAneney, F Kee, MA Tully

Reducing children’s sugar intakes: Development of sugar reduction targets for New Zealand packaged foods and beverages
H Eyles, Y Jiang, B Swinburn, K Trieu, L Te Morenga, C Ni Mhurchu

Interactions between urban design and financial incentive design for adoption of physical activity
MA Adams, M Todd, JC Hurley, H Hook, CB Phillips, SS Angadi, MF Hovell, S Hooker

Assessing policies to increase physical activity in Australia – the ASAPa project
T Nau, K Lee, W Bellew, BJ Smith, A Bauman

Decision-making for ‘active living’ infrastructure – a qualitative study of key stakeholders in three English local government areas
A Le Gouais, L Foley, C Guell

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Lunch
Congress Hall Foyer on Level 2

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O12 School policies for physical activity and nutrition
South Hall 2A

O12.1 16832 Fruit and vegetable selection and intake in Title I Schools with and without salad bars: A Plate Waste Study
MK Bean, A Sova, LM Thornton, HA Raynor, A Williams, SE Mazzeo

O12.2 16137 Evaluation of a statewide dissemination and implementation of healthy eating intervention in afterschool programs: A nonrandomized trial
M Beets, RG Weaver, K Brazendale, G Turner-McGrievy, JB Moore, C Webster, M Khan, A Beighle

O12.3 16505 School nutrition successes and opportunities for improvement post healthy hunger-free kids act: The healthy communities study
LE Au, K Gurzo, LD Ritchie, LA Nhan, GM Woodward-Lopez, J Kao, PM Guenther, W Gosliner

O12.4 16518 Implementation of school nutrition and physical activity policy within a predominantly Hispanic school setting: Findings from case study research
GM McLoughlin, GM McLoughlin, KC Graber, AM Woods

O12.5 17296 A convergent mixed methods approach to understanding students’ perceptions of the health-promoting environment in low-income schools
HG Lane, T Sheldon, A Zemanick, ER Hager

O12.6 17286 Are school environments, policies and practices associated with children's physical activity and active transport?
S Blanchette, F Trudeau, G Faulkner, G Leduc, NA Riazi, MS Tremblay, R Larouche
### Parental feeding practices in preschoolers

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| O13.2 | 16975 The influence of parent perceived health on food parenting practices used in parents with young children  
*A Jackson, A Cox, Y Sano, S Lee, J Lanigan* |
| O13.3 | 16838 A qualitative exploration into momentary impacts on food parenting practices among parents of pre-school aged children  
*K Loth, M Uy, D Neumark-Sztainer, J Fisher, J Berge* |
| O13.4 | 17083 Waste not, want not: A comparison of maternal feeding responses to child fussy eating in low-income food secure and food insecure households  
*HA Harris, S Staton, A Morawska, D Gallegos, C Oakes, K Thorpe* |
| O13.5 | 17402 The influence of cost, time, child resistance, support from co-parents and friends on parents’ provision of snacks to their children: A discrete choice experiment  
*BJ Johnson, E Huynh, D Zarnowiecki, GA Hendrie, RK Golley* |
| O13.6 | 16914 Changes in parental feeding practices and children’s food intake: A randomized controlled trial of obesity treatment in preschoolers  
*M Somaraki, K Eli, A Ek, K Sorjonen, P Sandvik, P Nowicka* |

### Determinants of children’s nutrition, physical activity and sedentary behavior

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| O14.1 | 17446 Examining the effects of active versus passive parental support on children’s activity behaviors using proximity tagging data from accelerometers  
*A Ha, J Ng, J Zhang, C Chan* |
| O14.2 | 17407 Child and family related factors of physical activity levels of 9-year-old girls in Ireland – Cross sectional analyses  
*R Sohun, A MacPahil, C MacDonncha* |
| O14.3 | 16753 Socio-ecological predictors of non-organized physical activity participation between childhood and adolescence  
*BJ Kemp, DP Cliff, AM Parrish* |
| O14.4 | 17265 “I feel like less of a mom.” Mothers’ experiences of courtesy and affiliate stigma attributable to their children’s weight status.  
*KW Bauer, J Gorlick, CV Gorman, HM Weeks, NA Schvey* |
| O14.5 | 17113 The Family Health Climate and children’s nutrition and physical activity behavior: how are they related to each other?  
*S Verjans-Janssen, D Van Kann, S Kremers, S Vos, M Jansen, S Gerards* |
| O14.6 | 17175 Like me, like you – relative importance of sibling and peer behavior on children’s lifestyle  
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| O15.1   | 17319 An eHealth platform to support the development of web-based physical activity interventions  
*S Liu, H La, D Adiputran* |         |
| O15.2   | 17166 A nationwide physical activity promotion in Singapore that uses smartphone apps and wearables  
*F Müller-Riemenschneider, JL Yao, AM Müller, NX Wang, SJ Liew, J Tan, A Tan, N Lim, CS Tan* |         |
| O15.3   | 17436 Effectiveness and cost-effectiveness of a loyalty scheme for physical activity behaviour change maintenance: a cluster randomised controlled trial  
*RF Hunter, JM Murray, A Gough, J Tang, C Patterson, DP French, E McIntosh, Y Xin, F Kee* |         |
| O15.4   | 16781 Which (combination of) self-regulation techniques are effective in an e- and m-Health intervention “MyPlan 2.0” to promote physical activity and reduce sedentary behaviour in adults: A factorial trial  
*H Schroé, L Poppe, M Verloigne, I De Bourdeaudhuij, G Crombez* |         |
| O15.5   | 16866 Effects of a blended home-based exercise program and protein counselling in community dwelling older adults: Results of the VITAMIN RCT  
*J van den Helder, S Mehra, C van Dronkelaar, M Tieland, B Visser, BJ Kröse, RH Engelbert, PJ Weijs* |         |
| O15.6   | 16826 Effects of two web-based interventions for the promotion of physical activity among older adults in Northwestern Germany: Results of the PROMOTE study  
*S Muellmann, C Buck, C Voelcker-Rehage, S Lippke, H Zeeb, CR Pischke* |         |
| O16     | **Testing the theories of motivation and behavior change in physical activity** | 2B      |
| O16.1   | 16971 The reciprocal relationship between parents’ and peers’ social norms and physical activity  
*KE Bevelander, TJ van Woudenberg, WJ Burk, CR Smit, L Buijs, M Buijzen* |         |
| O16.2   | 17159 Patterns of motivation for leisure-time physical activity among young adolescents over 3 decades  
*B Wold, T Torsheim, O Samdal, F Mathisen* |         |
| O16.3   | 17150 Measuring adolescent’s perception of autonomy support from teachers, family and peers in active commuting to and from school  
*R Burgueño, D González-Catre, J Sevil, M Herrador-Colmenero, JM Segura, J Medina-Casaubón, P Chillón* |         |
| O16.4   | 16602 Autonomy support in physical education promotes autonomous motivation towards leisure-time physical activity: Evidence from a sample of Chinese college students  
*K Abula, A Heissel, A Pietrek, M Rapp, J Beckmann, ZK He, CW Cheong, FQ Lu, P Gröpel* |         |
An experimental test of theory-based message strategies to promote cycling for transportation
A Belanger-Gravel, I Janezic

Motivational working mechanisms of a tailored physical activity for adults aged over fifty
DA Peels, C Bolman, RH Golsteijn, P Verboon, MM van Stralen, AN Mudde, H de Vries, L Lechner

Home based stair climbing as an intervention for cardiovascular disease risk: A controlled study
FF Eves, E Michael

What influences physical activity engagement post-myocardial infarction? A longitudinal qualitative study
SB Birtwistle, RC Murphy, ID Jones, IL Gee, PM Watson

Sitting time and all-cause and cardiovascular mortality risk among 149,077 adults: What is the role of physical activity?
D Ding, E Stamatakis, m J Gale, A Bauman, U Ekelund, M Hamer

Game of Stones: Developing and testing an endowment financial incentive intervention to support men with obesity to lose weight
MD McDonald, SU Dombrowski, M van der Pol, FM Harris, E Caveley, N Glennie, CM Gray, R Skinner, F Kee, P Hoddinott

The Nutritious Eating with Soul Study: 6-month changes in body weight and blood pressure comparing a vegan vs. low-fat soul food dietary intervention
GM Turner-McGrievy, M Wilson, M Davey, A Crimarco, MO Botchway, B Hutto, EA Frongillo, A Murphy, S Wilcox

Effect of an m-health physical activity and sleep intervention on mental health and health-related quality of life: Secondary outcomes from a randomized controlled trial
AT Rayward, RC Plotnikoff, B Murawski, C Vandelanotte, WJ Brown, EG Holliday, MJ Duncan

Associations between abdominal adiposity, body size and objectively measured physical activity in infants from Soweto, South Africa
A Prioreschi, KK Ong, E De Lucia Rolfe, K Westgate, LK Miclesfield, S Brage

Qualitative analysis of real-time motivations, facilitators, barriers and strategies for physical activity and healthy eating behaviour during pregnancy
JU Jelsma, FR Snoek, MI van Poppel

Pregnancy as a transition period and implications for improving health: Perspectives from expectant mothers and fathers
SO Strömmer, TA Morris, WE Lawrence, CH Vogel, HA Inskip, JA Baird, MA Barker
Preconception dietary patterns during adolescence and risk of developing hypertensive disorders of pregnancy: A Norwegian prospective cohort study
W Van Lippevelde, ER Hillesund, FN Vik, N Overby

Associations of pregnancy physical activity with maternal and neonatal cardiometabolic health in a biethnic cohort of 7,305 mother-child dyads
PJ Collings, D Farrar, J Gibson, J West, S Barber, J Wright

Postnatal women’s views on the acceptability of a free community-based walking group: An interview study
E Olander, N Pavlova

Behaviors Nutrition Assessment in Youth

Diet quality of U.S. infants and toddlers 7-24 months old in the WIC Infant and Toddler Feeding Practices Study-2
LE Au, K Gurzo, C Paolicelli, SE Whaley, NS Weinfeld, LD Ritchie

Ecological momentary assessment of using food to soothe during infancy in the INSIGHT trail
EL Adams, ME Marini, TR Brick, IM Paul, LL Birch, JS Savage

“Everyone can take photos”: Assessing children’s diets using parent smartphones in a low-SEP population – a mixed methods feasibility and validation study
E Patterson, K Kjellenberg, Å Norman

Changes in energy and nutrient selection in school lunches: Findings from the SWITCH® Intervention
L Lanningham-Foster, Y Lou, H Wu, GJ Welk, S Vazou, S Chen, DA Gentile, RR Rosenkranz, DA Dzewaltowski

Influence of active (opt-in) consent versus passive (opt-out) consent on estimates of adherence to movement and dietary guidelines. Evidence from the Healthy Together Victoria and Childhood Obesity (HTVCO) Study
C Strugnell, L Orellana, J Hawyard, N Crooks, S Allender

Don’t make your users go bananas: Assessing the usability of the Automated Self-administered Dietary Assessment Tool (ASA24)
DL Olstad, J Kupis, S Johnson, G Hallihan

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<td>15:50 – 16:20</td>
<td><strong>ECR Talks</strong>&lt;br&gt;ECR01: Advancing behavior science methods and theories: On the road to personalisation&lt;br&gt;<strong>Marta Marques</strong>&lt;br&gt;ECR02: Physical activity and also physical fitness is associated with the built environment in adolescents&lt;br&gt;<strong>Lukas Rubin</strong>&lt;br&gt;ECR03: Changes in non-organised physical activity in the transition from childhood to adolescence: What, who, and why?&lt;br&gt;<strong>Byron Kemp</strong>&lt;br&gt;ECR04: Complexity in public health interventions&lt;br&gt;<strong>Aalaa Jawad</strong></td>
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<td>16:20–16:35</td>
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<td>16:35 – 17:50</td>
<td><strong>Symposia</strong>&lt;br&gt;S2.13: Effectiveness and cost-effectiveness of urban green space interventions (Convenor: Dr. Ruth Hunter)&lt;br&gt;S2.13.01: Impact of upgrades to early childhood education and care services outdoor physical environment on children's physical activity and educator physical activity practices: Findings from the PLAYCE study&lt;br&gt;<strong>H Christian, M Ng, A Thornton, L Lester, S Trost, J Schipperijn, C Maitland, M Rosenberg</strong>&lt;br&gt;S2.13.02: The cost-effectiveness of a play-scape installation on physical activity: The REVAMP study&lt;br&gt;<strong>J Veitch, A Lal, M Moodie, G Abbott, J Salmon, A Timperio, A Carver, B Giles-Corti</strong>&lt;br&gt;S2.13.03: Investigating the health, social, environmental, and equity effects of an urban greenway: Results from a natural experiment&lt;br&gt;<strong>R Hunter, M Tully, T Kearney, A Gough, D Adlakha, C Cardwell, F Kee</strong></td>
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<td>S2.14: Streets as a resource and place for physical activity and play for youth: Innovative approaches and methods (Convenor: Dr. M. Renée Umstattd Meyer)&lt;br&gt;S2.14.01: Reclaiming streets for active play: Implementing and sustaining play streets in an urban U.S. city&lt;br&gt;<strong>KM Pollack Porter, P Mahoney, JR Eby, KF Rutherford, MR Umstattd Meyer</strong>&lt;br&gt;S2.14.02: Beyond walking: Conceptualizing and assessing streets as physical activity resources for children and families residing in low-resource, rural communities along the U.S.-Mexico border&lt;br&gt;<strong>MR Umstattd Meyer, T Prochnow, KR Ylitalo, H Delgado, JR Sharkey</strong></td>
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<td>S2.14.03</td>
<td>Describing two innovative approaches to assess contextual characteristics of PA spaces and streets using manipulated photographs and virtual reality methods</td>
<td>L Mertens, J Van Cauwenberg, I De Bourdeaudhuij, J Veitch, B Deforche, D Van Dyck</td>
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<td>S2.15</td>
<td>Systems approaches to prevent and reduce obesity through multilevel multicomponent (MLMC) interventions across the globe (Convenor: Prof. Rachel Novotny)</td>
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<td>S2.15.01</td>
<td>Using a systems approach to improve a multilevel, multicomponent intervention for childhood obesity prevention in Baltimore City</td>
<td>J Gittelsohn, A Trude, L Poirier, C Wensel, D Orta Aleman, T Igusa</td>
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<td>S2.15.02</td>
<td>Systems approaches to prevent and reduce obesity through multilevel multicomponent (MLMC) interventions in the Children’s Healthy Living (CHL) Program</td>
<td>R Novotny, J Butel, K Braun, CR Nigg, C Boushey, A Bersamin, R LeonGuerrero, T Fleming, P Coleman, J Davis</td>
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<td>S2.15.03</td>
<td>Designing the Samson local community food scape program – a food systems approach to creating citizen engagement and sustainability of intervention</td>
<td>BE Mikkelsen</td>
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<td>“OK, but will it work in the real world?“: Designing, implementing, and evaluating school-based physical interventions at scale (Convenor: Prof. Patti-Jean Naylor)</td>
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<td>S2.16.01</td>
<td>Scalability within Intervention Development: Ireland’s post primary Active School Flag programme</td>
<td>C Woods, K Ng, F McHale, F Mansergh, K McCarthy, D O’Shea</td>
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<td>S2.16.02</td>
<td>Transform Us!: The journey from efficacy to scale-up and in-person to online</td>
<td>J Salmon, H Koorts, A Timperio, N Ridgers, L Arundell</td>
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<td>Implementation at-scale of the Internet-based Professional Learning to help teachers promote Activity in Youth (iPLAY) program</td>
<td>C Lonsdale, T Sanders, M Noetel, P Parker, D Antczak, J Lee, D Vasconcellos, H McKay, D Lubans</td>
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<td>Planning upfront for the sustainability and dissemination of a family-based childhood obesity intervention: The example of Communities for Healthy Living</td>
<td>KK Davison, JP Beckerman, A Aftosmes-Tobio, JM Jurkowski, AG Gavarkovs, C Kazik, K Lansburg</td>
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<td>Under-pinning community programmes with evidence and stakeholder involvement to enhance scalability: Cities changing diabetes in Leicester City, UK</td>
<td>D Harrington, S O’Connell, K Khunti, M Davies</td>
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<td>ChildObesity180: A collaborative model to blend scientific rigor with insights from the private sector and drive evidence-based strategies to national scale</td>
<td>E Hennessy, D Hatfield, S Sharma, P Bakun, C Economos</td>
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<td>S2.18.01</td>
<td>Measuring physical activity and sedentary behaviour in the developing world: Using the Simple Physical Activity Questionnaire (SIMPAQ) to estimate key modifiable risk factors in people with mental illness living in low- and middle-income countries (LMIC)</td>
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<td>S2.18.03</td>
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<td>J Marshall</td>
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<td>Kids in Action! Combining youth participatory action research and intervention mapping to develop, implement and evaluate of interventions that stimulate a healthy lifestyle among children from a disadvantaged neighborhood</td>
<td>M Anselma, T Altenburg, M Chinapaw</td>
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<td>K Meredith-Jones, BG Galland, C Smith, S Williams, RW Taylor</td>
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<td>Intraindividual variability of day length among working adults: Implications for 24-h measurement of behaviour</td>
<td>L Mackay, A Narayanan, T Stewart, S Duncan</td>
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<td>Estimating time spent in sedentary behavior and sleep in older adults: How do we determine where the detrimental associations end and the benefits begin?</td>
<td>K Full, J Bellettiere, M LaMonte, A LaCroix</td>
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<td>15737: The physical environment, physical activity and quality of life in older adults (Convenor: Dr. Delfien Van Dyck)</td>
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<td>A Barnett, C Zhang, C Sit, PC Lai, R Lee, E Cerin</td>
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<td>15779 The relationships between neighbourhood physical environmental perceptions and physical and mental health-related quality of life among Belgian older adults</td>
<td>J Van Cauwenberg, C De Win, M Petrovic, D Van Dyck, I Mertens, I De Bourdeaudhuij, B Deforche</td>
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<td>S2.21.03</td>
<td>15858 Latin american cities for healthy aging: Findings from an international collaboration project between Chile and Brazil</td>
<td>N Aguilar-Farias, P Martino-Fuentalba, D Chandia-Poblete, M do Nascimento, TG dos Santos Coco, R Reis, AA Hino</td>
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<td>15861 Activity behaviours, motor development, and health in paediatric cancer patients and survivors – a literature review</td>
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<td>15864 Motor competence and the isotemporal substitution of physical activity, sedentary time and sleep among young children</td>
<td>CC Clark</td>
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<td>15866 Can proficiency and deficiency be accurately identified during real-time motor competence assessments?</td>
<td>B Ward</td>
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<td>S2.23</td>
<td>15785: Public discourse and policy debates: fiscal policies to reduce sugar consumption and the role of the media (Convenor: Dr. Tarra Penney)</td>
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<td>S2.23.01</td>
<td>15786 Advocating for sugar-sweetened beverage taxation: A case study of Mexico (Recorded Presentation)</td>
<td>EA Donaldson</td>
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<td>15822 Did proponents and opponents of the UK soft drinks industry levy use the news media to influence the policy debate? A qualitative discourse analysis</td>
<td>CH Buckton, C Patterson, SV Katikireddi, F Lloyd-Williams, L Hyseni, A Elliott-Green, S Capewell, S Hilton</td>
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<td>S2.23.03</td>
<td>15788 Industry reactions to the UK soft drinks industry levy: Unpacking the evolving discourse from announcement to implementation</td>
<td>TL Penney, J Adams, M White</td>
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**Healthy ageing**

| P1.1 | 15872 | Does a fall prevention education program improve knowledge and change exercise prescribing behaviour in health and exercise professionals? A randomised controlled trial  
* A Tiedemann, D Sturnieks, AM Hill, L Lovitt, L Clemson, S Lord, C Sherrington |

| P1.2 | 15880 | Exercise for preventing falls in older people living in the community: Results from the 2018 updated Cochrane review  
* C Sherrington, N Fairhall, G Wallbank, A Tiedemann, Z Michaleff, K Howard, L Clemson, S Hopewell, S Lamb |

| P1.3 | 16478 | Influence of health empowerment and level of frailty on intention to participate in physical activity among community-dwelling older adults  
* KA Caillouet, L Cosio-Lima |

| P1.4 | 16784 | Study protocol for a RCT on the effectiveness of Active Plus, a computer-tailored physical activity intervention, on the cognition functioning of elderly with chronic conditions  
* E Volders, R de Groot, C Bolman, L Lechner |

| P1.5 | 16797 | Promoting health literacy and self-management in older informal caregivers. Demands and needs of action.  
* H Hassel, E Foitzik, S Langner |

| P1.6 | 17044 | Community participation, physical activity, loneliness and health related quality of life in older adults: An observational study  
* CL Gough, S George, A Maeder, L Lewis |

| P1.7 | 17051 | Association of social and physical environments with older adult’s walking for transportation  
* PK Chung, KM Leung |

| P1.8 | 17088 | Effect of pedometer-based interventions on physical activity in people aged 60 years and over: A systematic review and meta-analysis  
* J S Oliveira, C Sherrington, E R Y Zheng, M R Franco, A Tiedeman |

| P1.10 | 17337 | Gait as predictor and/or mediator of falls in glaucoma  
* A Mihailovic, R De Luna, SK West, DS Friedman, LN Gitlin, PY Ramulu |

| P1.11 | 17406 | Physical activity-based interventions on resilience in older adults: A systematic review and meta-analysis  
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P1.131 15900 The AICR/WCRF score and risk of mortality in adults: a longitudinal analysis of the NIH-AARP Diet and Health Study
M Shams-White, A Bender, N Brockton, L Kahle, P Mitrou, D Romaguera, A Subar, J Reedy

P1.132 15914 Age related cooking skills: A guide to new evidence-based age appropriate cooking skills recommendations for children
F Lavelle, M Dean, C O’Kane, J Issartel

P1.133 15947 Assessment of Food Agency using CAFPAS in a nationally representative sample of adults
J Wolfson, J Lahne, M Raj, N Insolera, M Dean

P1.134 16027 The “CookEd” model for planning, implementing and evaluating domestic cooking education programs
T Bucher, V Shrewsbury, R Asher, T Bucher, T Burrows, M Dean, F Lavelle, J Wolfson, A Rose, T Jakstas, C Collins

P1.135 16822 Accuracy of estimating portion size from food images among nutrition and dietetics undergraduate students
JE Wong, SH Noor Farahin
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<td>S Vega-López, FF Marsiglia, SL Ayers, M Bruening, LR Williams, GQ Shaibi, M Harthun, A Gonzalez, A Perilla, B Vega de Luna, L Hartmann</td>
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<td>P1.138</td>
<td>Food involvement and variety seeking tendency in a diverse adult population</td>
<td>A Suzuki, Y Ariga, E Lim, R Ghorbani, J Banna</td>
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<td>Using item response theory to evaluate items that measure intake of energy-dense, nutrient-poor foods amongst toddlers</td>
<td>RA Byrne, SG Trost, D Zarnowiecki, K Hesketh, K Campbell, R Golley</td>
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<td>AL Deierlein, J Bihuniak, E Nagi, C Victoria, T Braune, R Weiss, N Parekh</td>
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<td>P1.160</td>
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Associations between physical activity and urinary incontinence: The Lolland-Falster Health Study

R Jepsen, TL Petersen, JC Brond, EP Løwenstein, H Gimbel

Physical activity and health-related quality of life among participants attending a primary care services for lifestyle change

EE Blom, E Aadland, GK Skrove, AK Solbraa, LM Oldervoll

Evidence on the health benefits of supplemental propolis: A systematic review

AJ Braakhuis

Personal mastery and all-cause mortality among patients with diabetes

MC Yeh, HJ Tung

Application of 1H-NMR Metabolomics for the discovery of blood plasma biomarkers of a Mediterranean diet

S Macias, J Kirma, A Yilmaz, SE Moore, MC McKinley, PP McKeown, JV Woodside, SF Graham, BD Green

Adherence to the Dutch dietary guidelines 2015 and incidence of prediabetes and type 2 diabetes

NR den Braver, F Rutters, AL Kortlever, D Ibi, M Looman, A Geelen, P Elders, AA van der Heijden, J Brug, J Lakerveld, SS Soedamah-Muthu, JW Beulens

Total energy and macronutrient intake according to body mass index, fat mass index and body fat percentage: The seventh Tromsø Study 2015-16

MW Lundblad, BK Jacobsen, S Grimsgaard, LF Andersen, MH Carlsen, J Johansson, LA Hopstock

A bigger breakfast is associated with lower energy intakes and better diet quality

A Rangan, W Wang, A Grech, L Gemming

Long term weight loss success and health behaviors among adults in the United States

K Shuval, Q Li, A Yaroch, G Knell, K Gabriel, J Drope

Lifestyle risk index (diet, physical activity, BMI, smoking), work ability and sick leave among Norwegian employees with and without physician-diagnosed asthma

IM Oellingrath, M Müller De Bortoli, M Veel Svendsen, AK Møller Fell

Predictors of relapse in physical activity and dietary behaviors in adults with overweight: A concept mapping study among professionals and experience experts

EM Roordink, I Steenhuis, W Kroeeze, MM van Stralen

The HAT TRICK for promoting men's health: Physical activity, health eating and social connectedness

CM Caperchione, P Sharp, JL Bottorff, JL Oliffe, K Hunt, ST Johnson
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*P Sharp, JL Bottorff, JL Oliffe, K Hunt, ST Johnson, CM Caperchione*

P1.183 16958 The association between sedentary behaviour and indicators of stress: A systematic review  
*M Teychenne, L Stephens, SA Costigan, D Olstad, B Stubbs, AI Turner*

P1.185 16473 Physical activity patterns in adults with down syndrome  
*NM Oreskovic, C Moore, C Clottrell, A Torres, B Majewski, S Santoro, BG Skotko*

P1.187 16762 Lifestyle-related chronic disease, physical activity, and sitting time among Lebanese Australian adults  
*GS Kolt, A El Masri, ES George*

P1.188 16766 The effects of cycle and treadmill desks on sedentary workers  
*N Podrekar, N Šarabon*

P1.189 16992 How do cardiac rehabilitation practitioners view the role of the family in patients’ physical activity experiences? A qualitative study  
*SB Birtwistle, RC Murphy, ID Jones, IL Gee, PM Watson*

P1.191 16895 The association of occupational sitting with cardiometabolic risk factors and outcomes – a systematic review from a gender-sensitive perspective  
*K Reichel, EM Backé, M Prigge, U Latza*

P1.192 17103 Modifiable physical factors associated with physical functioning for patients receiving dialysis: A systematic review  
*BD Tarca, PN Bennett, A Meade, TP Wycherley, KE Ferrar*

P1.193 17227 The effect of a physical activity program at the workplace on the pain of manufacturing workers  
*I Moreira-Silva, J Azevedo, A Seixas, J Mota*

P1.194 17452 Digital media use, physical activity and sociodemographic determinants: Case controlled study of adolescent participants in obesity therapy  
*P Wagner, H Wulff*

P1.195 15700 Development of a clinical, bilingual tool to help providers counsel adolescents with obesity in making healthy lifestyle changes  
*M Kebbe, A Perez, A Buchholz, TL McHugh, SD Scott, C Richard, MP Dyson, GD Ball*

P1.199 17030 Changes in adiposity and cardiovascular risk factors in sedentary women and men with obesity and high cardiovascular disease risk – results from a 6-month single-arm complex lifestyle intervention feasibility study  
*LA Hopstock, S Grimsgaard, MW Lundblad, TS Deraas*

P1.201 17291 Changes in energy- and nutrient intake among sedentary people with obesity participating in a 6-month complex intervention: A feasibility study  
*MW Lundblad, TS Deraas, S Grimsgaard, LA Hopstock*
P1.202  16724  Physical activity participation and the risk of chronic diseases among South Asian adults: a systematic review and meta-analysis
* S Paudel, AJ Owen, E Owusu-Addo, BJ Smith

P1.246  20466  Coffee consumption and overall and cause-specific mortality – the Norwegian Women and Cancer Study (NOWAC)
* M Lukic, RB Barnung, G Skeie, KS Olsen, T Braaten

P1.249  20630  Development of a draft standardised evaluation framework for identifying effective interventions for promoting physical activity
* JJ Murphy, FM Mansergh, MJ Lawlor, NM Murphy, MH Murphy, C Brolly, S OBrien, R Sexton, PS Smyth, JLavelle, CB Woods

P1.250  20631  In their own words: Young adults perceptions of health and health enhancing behaviours
* TA McCaffrey, AMolenaar, T Choi, LBrennan, S Chin, M Reid, H Truby
## Program: Thursday 6th June

### 08:30 – 09:45

#### Symposia

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<td>15869: To legislate or not to legislate? Engaging the food industry to reformulate food and meals (Convenor: Dr. Jacqui Webster)</td>
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<td>15894 Global review of sugar reformulation activities</td>
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<td>S3.25.02</td>
<td>15890 Process evaluations of Samoa’s and Fiji’s salt reduction strategy: can successful food reformulation interventions from high-income countries be replicated in low- and middle-income countries?</td>
<td>K Trieu, J Webster</td>
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<td>S3.25.03</td>
<td>15886 Effects of the voluntary Health Star Rating nutrition labelling system on food reformulation in New Zealand</td>
<td>H Eyles, C Ni Mhurchu, R Chen, Y Jiang, L Young</td>
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<td>15714 Action 3:30: A cluster randomised feasibility study of a revised teaching assistant-led extracurricular physical activity intervention for 8-10 year olds</td>
<td>R Jago, B Tibbits, A Porter, E Sanderson, EL Bird, JE Powell, C Metcalfe, SJ Sebire</td>
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<td>15745 Turn Up the HEAT (Healthy Eating and Physical Activity) in summer day camps: Physical activity outcomes from a 4-year randomized controlled trial</td>
<td>K Brazendale, RG Weaver, GM Turner-McGrievy, JB Moore, JL Huberty, DS Ward, MW Beets</td>
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<td>S3.26.03</td>
<td>15715 Team GOALS: A 3-year, community-based, after school team sports intervention for 7-11 year-old low-income Mexican-American children with overweight and obesity</td>
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<td>15860: Research opportunities for implementation of diet and physical activity behavioral interventions (Convenor: Associate Professor Luke Wolfenden)</td>
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<td>15862 Perspectives on research priorities and funding for implementation science in diet, physical activity and obesity</td>
<td>A Oh, G Neta</td>
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<td>S3.27.02</td>
<td>15874 An overview of intervention research to increase implementation of nutrition, physical activity and obesity-related programs/policies in non-health care settings: Opportunities for future research</td>
<td>R Sutherland, S Yoong, N Nathan, J Jones, M Finch, M Kingsland, R Wyse, C Williams, R Hodder, J Wiggers, C Barnes, L Wolfenden</td>
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<td>15877 Optimising a school-based physical activity implementation intervention for scale up</td>
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| Session | 15743: Defining “success” in digital health behavior solutions: Academic vs industry perspectives (Convenor: Dr. Camille E Short)  
Terrace 2A |
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| S3.28   | From design to commercialization strategy: NoHoW as a case study  
M Marques, AL Palmeira, J Stubbs, B Heitman |
| S3.28.01| Why scientific rigor is necessary for the success of digital health interventions  
M Hingle, H Patrick, M Marques, AL Palmeira |
| S3.28.02| Why commercialization is necessary for the success of digital health interventions  
H Patrick, M Hingle, M Marques, AL Palmeira |

| Session | 15967: Integrating multiple stakeholder perspectives to build partnerships that shape effective nutrition and physical activity interventions (Convenor: Dr. Samantha Harden)  
Terrace 2B |
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| S3.29   | Partnering to Prevent and Control Cancer: An academic-community partnership to reduce cancer health disparities in rural communities  
S Mama |
| S3.29.01| The UnProcessed Pantry Project: A novel approach to improving dietary quality for low-income adults served by rural food pantries  
S Harden, C Byker Shanks |
| S3.29.02| Lessons learned and key strategies to balance needs and approaches between scientific and community partners  
C Parks, K Stern, L Carpenter, A Yaroch |

| Session | 15773: Translating lifestyle interventions for cancer patients into clinical practice (Convenor: Dr. Rebecca Beeken)  
Club A |
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| S3.30   | Optimal timing and method for promoting adherence to lifestyle recommendations in postmenopausal breast cancer survivors – the OPTIMUM study  
M Hoedjes, S van Cappellen, F Mols, A de Kruijf, M de Boer, L Buffart, S Beijer, N Horevoorts, H Trompetter, D Schoormans, N Ezendam, E Kampman, J Seidell, L van de Poll-Franse |
| S3.30.01| Implementation of a lifestyle-based clinical pathway in daily clinical practice in men undergoing androgen deprivation therapy for prostate cancer  
R Bultijnc, A Bruggeman, B Van Ruymbeke, S Mortier, A Raes, E Rammant, M De Muyck, B Deforche, V Fonteyne, K Decaestecker 7, N Lumen 7, P Ost |
| S3.30.02| A physical activity behaviour change intervention for survivors of cancer  
M Cantwell, B Furlong, C Woods, N McCaffrey, L Loughney, F Skelly, K Dowd, A McCarren, NM Moyna |

| Session | 15806: Move to Learn: Does physical activity cause improvements in cognitive development and academic achievement in preschool and school-aged children? (Convenor: Dr. Dylan Cliff)  
Club B |
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| S3.31   | Does cognitively-engaging physical activity improve executive functions and frontal lobe brain activity in preschool children? A pilot group randomised trial  
DP Cliff, X Wei, A Giobbi, D Verstappen, P Paiman, M Schmidt, K Tonge, SJ Johnstone, SJ Howard |
### S3.31.02

15820  The effects of a six-week combined physical-cognitive intervention on kindergarten children's executive functions
*M Schmidt, MF Mavilidi, C Englert*

### S3.31.03

15812  Thinking while Moving in English: Integrating physical activity during English lessons on academic and cognitive outcomes
*MF Mavilidi, DR Lubans, P Morgan, N Eather, F Karayanidis, C Lonsdale, M Noetel, K Shaw, A Miller, N Riley*

### S3.32

15953: School-based interventions to promote cycling as a mode of commuting (Convenor: Associate Professor Palma Chillón)

#### S3.32.01

15956  Safer cycling in schoolchildren: Effects of cycling skill and hazard perception training
*G Cardon, F Ducheyne, L Zeuwts, I De Bourdeaudhuij, F Deconinck, M Lenoir*

#### S3.32.02

15963  Feasibility of a cycle training course in physical education lessons for Spanish adolescents: the PACO project
*M Herrador-Colmenero, MJ Aranda-Balboa, RG Saucedo, C Salto, P Chillón*

#### S3.32.03

15965  Effects of cycle skills training on cycling-related knowledge, self-efficacy, and behaviour in children and adolescent girls
*E García Bengoechea, C Flaherty, P Chillón, S Mandic*

### S3.33

15873: Eating behaviours: navigating the transition from childhood to young adulthood (Convenor: Dr. Kirsten Verkooijen)

#### S3.33.01

15937  Effects of a childhood school-based multicomponent intervention on fruit and vegetable intake in young adults
*B Øvrebø, IM Hovdenak, T Stea, E Bere, KI Klepp*

#### S3.33.02

15875  Exploring eating decisions in young Australian adults: a discrete choice experiment
*KM Livingstone, K Lamb, T Worsley, SA McNaughton*

#### S3.33.03

15955  Nudging students towards higher fruit consumption: An on-campus restaurant experiment
*T Deliens, M Vermote, J Nys, V Versele, E D'Hondt, P Clarys*

### S3.34

15902: Electronic Ecological Momentary Assessment to measure correlates of physical activity and sedentary behaviour (Convenor: Dr. Ann DeSmet)

#### S3.34.01

15930  Real-life correlates of physical activity: An ecological momentary assessment study examining the association between affect and subsequent physical activity
*C Niermann*

#### S3.34.02

15927  Social environment and affective correlates of sedentary behavior among adolescents using EMA and accelerometers
*A Staiano, CL Kracht, R Beyl*

#### S3.34.03

15916  Affect and minor physical complaints as correlates of sedentary behavior among adults using Ecological Momentary Assessment and Fitbit trackers
*A DeSmet, G Cardon, I De Bourdeaudhuij, S Chastin, R Madison, G Crombez*
THURSDAY 08:30 – 13:30 HRS

S3.35 15793: Food retail environments - entry points for approaches to improve dietary behaviours (Convenor: Prof. Joline Beulens) Club H

S3.35.01 15813 Outcomes of a 12 month supermarket RCT to promote healthy eating
J Marshall, A Brown, G Sacks, L Orellana, A Cameron

S3.35.02 15836 The duality of interests: A review of facilitators and constraints for the implementation of health-promoting interventions in the food-retail environment
C Middel, TJ Schuitmaker-Warnaar, J Mackenbach, J Broerse

S3.35.03 15976 Nudging to promote healthy dietary choices in food purchasing environments and preferences of target groups
M Harbers, F De Boer, J Beulens, F Rutters, J Stuber, D De Ridder, M Gillebaart, Y Van der Schouw, I Sluijs

09:45 – 09:50 Transition time (5 min to Congress Hall)

09:50 – 10:50 Plenary 3: How systems approaches can transform nutrition and physical activity, Bruce Lee

10:50 – 12:05 Coffee break and Poster Session #2 (See page 107 for Poster Presentations)

12:05 – 13:30 Orals

O20 Policies and environments: Methods and interventions South Hall 2A

O20.1 16913 A modelled health impact assessment for regulating health and nutrition claims in the UK using a nutrient profile model
A Kaur, P Scarborough, M Rayner

O20.2 17352 Deconstructing the effect of the Children’s Healthy Living (CHL) multilevel trial on sugar-sweetened beverage and water intakes in early childhood
AR Korn, J Butel, J Davis, CD Economos, R Novotny

O20.3 17237 Impact of targeted marketing to increase fruit and vegetable and reduce energy intake in title i elementary schools with salad bars
MK Bean, AR Sova, SE Mazzeo, LM Thornton, M Dunne Stewart, HA Raynor

O20.4 17012 The geoscience and health cohort consortium (GECCO): Enriching 20 longstanding Dutch cohorts with geographic data
J Lakerveld, on behalf of the GECCO consortium

O20.5 17330 Retrospective examination of campaign characteristics, activities, and policy outcomes among voices for healthy kids grantees
EE Calloway, HE Fricke, AL Yaroch
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| **O20.6** | Objectively measured share of the MVPA and sedentary time across six spatial domains  
*M Vorlicek, T Stewart, J Dygryn, L Rubin, J Mitas, J Schipperijn* |
| **O20.7** | Using buffers in activity space and MVPA space research - is it good enough?  
*AD Christensen, D Radley, C Griffiths, C Gorse* |
| **O21** | Research on weight management  
*South Hall 2B* |
| **O21.1** | Assessing children’s weight status in Australia – a survey exploring parents’ opinions  
*K Davidson, H Vidgen, E Denney-Wilson* |
| **O21.2** | Yogurt consumption, body weight control and metabolic health  
*S Panahi, A Gallant, A Tremblay, L Pérusse, J Després, V Drapeau, M Henderson* |
| **O21.3** | Associations of the modified Yale Food Addiction Scale with overweight/obesity, BMI change, weight perception, and dieting during the transition from adolescence to adulthood  
*L M Lipsky, TR Nansel, DL Haynie, B Simons-Morton* |
| **O21.4** | Physical activity interventions for youth with overweight or obesity: A systematic review with meta-analysis of the impact on psychological wellbeing  
*JE King, H Jebeile, NB Lister, SJ Paxton, SP Garnett, LA Baur, ML Gow* |
| **O21.5** | How do men's attempts to change diet and physical activity to manage their weight influence cohabiting female partners?  
*S Tripathee, H Sweeting, S Chambers, A MacLean* |
| **O21.6** | Experiences of a weight management intervention for disabled children and their families  
*R Farman, H Fitzgerald, D Radley* |
| **O21.7** | Personal, social and environment factors associated with successful recruitment and retention of overweight and obese youth in a voluntary school-based fitness program  
*EA Borawski, RA Gardenhire, SD Jones* |
| **O22** | Interventions in behavioral nutrition and physical activity  
*North Hall* |
| **O22.1** | One session of ‘The Daily Mile’ increases physical activity levels but does not improve maths fluency or executive function in primary school children (versus control).  
*JL Morris, A Daly-Smith, J McKenna, V Archbold* |
| **O22.2** | Building Activating Schoolyards – a mixed-methods evaluation  
*J Schipperijn, HB Andersen, CS Pawlowski* |
| **O22.3** | Presentation withdrawn |
| **O22.4** | StandUP UBC: Impact of a low-cost standing desk on reducing workplace sitting  
*KB Wunderlich, KA Weatherson, G Faulkner* |
Are there any pre-adoption characteristic differences in the men who registered for, but failed to partake in, a community-based physical activity intervention for adult men; aka ‘Men on the Move’

L Kelly, N Richardson, P Carroll, M Harrison, A Donohoe, A Keohane, S Robertson

Cost effectiveness of an augmented exercise referral scheme with web-based behavioural support versus exercise referral scheme alone: A within-multicentre RCT analysis

NK Anokye, W Ingram, RS Taylor, A Taylor

Social support, but not perceived food environment, is associated with diet quality in French-speaking Canadians from the PREDISE study

E Carbonneau, B Larmarche, J Robitaille, V Provencher, S Desroches, MC Vohl, C Begin, M Belanger, C Couillard, L Pelletier, L Bouchard, J Houle, MF Langlois, R Rabasa-Lhoret, S Lemieux

Examining the efficacy of a social and gamified app-based physical activity intervention: Results from a randomised controlled trial

SE Edney, T Olds, RC Plotnikoff, C Vandelanotte, JC Ryan, RG Curtis, C Maher

Leveraging a social network approach via gamification and mobile technology to increase physical activity among adults: A cluster randomized controlled trial

CM Monroe, M Geraci, G Turner-McGrievy, K Wallace, DE Jake-Schoffinan, A Bucko, K Brazendale

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O26.2 17425 The relationship between meeting the australian 24-hour movement guidelines for the early years, obesity and social-emotional development
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O26.3 17122 Assessing childcare physical activity environments using CHEERS and activPAL
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I van de Kolk, S Gerards, S Kremers, J Gubbels

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| O28.4 | 16863 | Barrier-belief lifestyle counseling in primary care: A randomized controlled trial of efficacy  
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<td>L Goffe, F Hillier-Brown, N Hildred, J Adams, V Araujo-Soares, L Penn, W Wrieden, CD Summerbell, AA Lake, M White, AJ Adamson</td>
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A Nesterova, O Doronina, E Degtyar, A Shevtsov

The effect of work shift on daily activity behaviors and dietary pattern in crane operators
K Kastelic, N Šarabon

Leisure-time physical activity from childhood to adulthood is related to the consumption of fruits and vegetables: The Cardiovascular Risk in Young Finns Study
I Lounassalo, M Hirvensalo, A Kankaanpää, A Tolvanen, K Salin, S Palomäki, X Yang, TH Tammelin

A social connectedness intervention to support sustained physical activity among older adults: Effects on psychological flourishing
MR Beauchamp, GR Ruissen, Y Liu, DR Lubans, RE Rhodes, T Schmader, SM Harden, SA Wolf, PA Estabrooks, E Puterman, BD Zimbo, WL Dunlop

Concordance in objectively measured physical activity between older spouses
EA Richards, MM Franks, SL Christ, MH McDonough, AK Forster

Factors influencing physical activity in later life: A mixed methods study using accelerometer and interview data
M Jongenelis, S Pettigrew, R Rai, B Jackson, R Newton

Associations of sitting time and specific distribution patterns of sedentary behaviour on adiposity in elderly women
J Pechová, J Pelclová, A Gába, J Dygrýn

The RESEDENT study: Reducing SEDENTary behaviour in senior living facilities: A pilot study
K Dillon, H Prapavessis

Third-wave cognitive behaviour therapies for weight management: Systematic review and network meta-analysis
ER Lawlor, N Islam, S Bates, SJ Griffin, AJ Hill, CA Hughes, AL Ahern

Functional exercise capacity and physical activity levels following stereotactic body radiotherapy in early stage lung cancer patients: The Lung PLUS study
R Bultijnck, L van der Weijst, A Van Damme, M Van Eijkeren, B Deforche, Y Lievens

Comparison of objectively measured activity behaviour among dog owners and non-dog owners in cardiac rehabilitation
CC Forbes, CM Blanchard

Does neighborhood type impact success in a weight management program?
KK Jones, SN Zenk, E Tarlov
Impact of nutrition interventions on dietary intake in children and adolescents with overweight or obesity: A meta-analysis of randomised controlled trials

C Collins, K Duncanson, V Shrewsbury, T Burrows, LK Chai, L Ashton, M Gow, M Ho, L Ellis, L Stewart, S Garnett, M Jensen, P Nowicka, R Littlewood, A Demaio, D Coyle, J Walker

Reliability and validity of an online and paper administered Physical Activity Neighborhood Environment Scale (PANES)

L Frehlich, A Blackstaffe, GR McCormack

Co-creating a local public open space with children from a deprived neighborhood: A RE-AIM evaluation

CS Pawlowski, T Schmidt, JV Nielsen, J Troelsen, J Schipperijn

A cluster-randomized controlled trial to promote active commuting to and from school and physical activity: The PACO Study


Exploring the implementation and mechanisms of impact of a park prescription intervention on physical activity and quality of life: Process evaluation of the Park Prescription Trial

NA Petrunoff, JL Yao, A Sia, A Ramiah, M Wong, J Han, L Uijtdewilligen, BC Tai, F Müller-Riemenschneider

Associations between occupational sedentary time with adiposity markers, and the influence of moderate to vigorous physical activity: Does domain matter?

AM Clarke-Cornwell, PA Cook, MH Granat

Sodium Calculator Plus: Development and iterative testing of a detailed web-based dietary sodium assessment tool for consumers and health practitioners to rapidly assess sodium intake and sources

M Ahmed, J Bernstein, J Arcand

Usage and usability of Intervention INC: A web-based interactive comic tool to decrease obesity risk among urban minority preadolescents

MM Leung, L Harrison, KF Mateo, S Verdaguer

Active video games: The battle for attention

S Kirk, AJ Manley, SW Flint

Patterns of financial incentive payouts in the initial two months of an online behavioral weight control program

DS West, RA Krukowski, D Ogden, M Stansbury, CA Larsen, CM Monroe, K Magradey, EA Finkelstein, J Harvey
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<td>H Wulff, P Wagner</td>
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<td>SO10.2</td>
<td>Increasing vegetable consumption among Norwegian 3-5-year-olds through targeting the kindergarten environment in a group-randomized controlled trial. The BRA-study</td>
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<td>Comparing the family child care provider food environment with dietary quality of children in their care</td>
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<td>Correlates of outdoor play time at childcare centres among toddlers and preschoolers</td>
<td>M Predy, N Holt, V Carson</td>
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<td>Factors affecting the implementation of environmental recommendations to encourage physical activity in centre-based childcare services: A systematic review</td>
<td>K Seward, LA Razak, T Clinton-McHarg, J Jones, SL Yoong, A Grady, M Finch, E Tursan D’Espaignet, R Ronto, B Elton, L Wolfenden</td>
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<td>15905: Built and social environments and active transport in youth: Insights from three continents (Convenor: Associate Professor Sandra Mandic)</td>
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| S4.37.01     | 15908 Travel to school patterns in urban, semi-urban and rural areas of the Otago Region, New Zealand.  
S Mandic, D Hopkins, E García Bengoechea, C Flaherty, A Moore, S Sandretto, K Coppell, C Ergler, M Keall, A Rolleston, G Wilson, G Kidd, JC Spence |                                 |
| S4.37.02     | 15909 Are the parental environmental preferences to choose a neighborhood associated with their offspring's physical activity and active commuting?  
FJ Huertas-Delgado, A Queralt, P Chillón, J Molina-García |                                 |
| S4.37.03     | 15910 Unintended consequences of youth active transportation  
JD Roberts, S Mandic, CS Fryer, ML Brachman, R Ray |                                 |
| **S4.38**    | 15841: The utility of the Family Nutrition and Physical Activity (FNPA) screening tool for child obesity prevention and treatment in clinical settings (Convenor: Dr. Lorraine Lanningham-Foster) |                                 |
| S4.38.01     | 15843 Development and psychometric properties of the fFNPA scale for clinical obesity prevention programming  
G Welk |                                 |
| S4.38.02     | 15844 Integration of the FNPA tool in electronic health records to enhance screening and prevention of childhood obesity prevention  
L Bailey-Davis, S Kling |                                 |
| S4.38.03     | 15845 Applications of the FNPA tool for brief action planning and motivational interviewing interventions  
M Wolff, J Groos, J Richards Krapfl, L Lanningham-Foster |                                 |
| **S4.39**    | 15977: Transitioning high intensity interval training (HIIT) from the lab into the real world: Practical implications, barriers and facilitators to implementation (Convenor: Associate Professor Jonathan Little) | North Hall                        |
| S4.39.01     | 15978 The feasibility of a teacher delivered, curriculum-based high-intensity interval training program for young adolescents  
N Harris, I Warbrick, D Atkins, S Duncan, A Vandal, D Lubans |                                 |
| S4.39.02     | 15981 Truck-Fit: A scalable high intensity interval training program to improve heart health, sleep quality and fatigue in high risk truck drivers  
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<td>Free-living exercise adherence and cardiorespiratory fitness improvements 12 months following a behaviour change counseling intervention incorporating high-intensity interval training (HIIT) versus moderate-intensity continuous training (MICT)</td>
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<td>Public Health and key Expert opinions on the usefulness of a technological platform for the quantification of key behavioural and environmental indicators associated with physical activity and dietary habits of European student populations; Results from an international Delphi Panel study</td>
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<td>An updated 24-hour physical activity recall (ACT24) for smart phone and computer: Features, validation and progress in MET score linkage</td>
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<td>Protocol of a randomized controlled trial to reduce long-term sitting in older adults</td>
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<td>Novel constructs for dietary interventions informed by real-time data capture</td>
<td>CJ Boushey, K Yonemori, C Panizza, L Le Marchand, U Lim, E Delp, FM Zhu, D Kerr</td>
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<td>SMARTACT: Mobile assessment &amp; interventions for behavior change: Boosting experienced eating with the &quot;happy eater&quot; app</td>
<td>B Renner, K Villinger, D Wahl, L König, K Ziesemer, G Sproesser, S Butscher, J Müller, H Reiterer, H Schupp</td>
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<td>S4.46.03</td>
<td>Impacting when and what do people eat? Targeting messages in nutrition intervention research using the Mobile Food Record</td>
<td>D Kerr, S Dhaliwal, A Reilly, C Pollard, J Scott, J Healy, A Mukhtar, F Zhu, E Delp, C Boushey</td>
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<td>Descriptive social norms and placement communication in shopping trolleys to promote vegetable purchases: A supermarket experiment in a deprived urban area in the Netherlands</td>
<td>M Huitink, MP Poelman, E van den Eynde, JC Seidell, SC Dijkstra</td>
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<td>S4.47.02</td>
<td>Implementing healthier product placement strategies in discount supermarkets can improve purchasing and dietary patterns of disadvantaged customers</td>
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<td>Insights into the implementation and scalability of a 12 month supermarket intervention to promote healthy eating</td>
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19:30 – 23:00 ISBNPA Dinner

Convent of St. Agnes of Bohemia
POSTERS: THURSDAY 6TH JUNE

10:50 – 12:05
Coffee break and Poster Session #2
Congress Hall Foyer on Level 2

Motivation and behavior change

P2.1  16408  Motivated and confident but not skilled: Students' wellness goal setting and action planning
CG Dormer, MS Segall, J Lunsford

P2.3  16463  Exploring factors that predict weight gain in college freshmen
Z Yan, A Harrington

P2.4  16564  Examining total and domain-specific sedentary behaviour in adults: A socio-ecological approach
GH Nicolson, C Darker, C Hayes

P2.5  17192  Evaluating the impact of the AEQUIPA prevention research network: Introduction of a mixed method approach to assess and predict long-term impact
SA Forberger, DO Ochterbeck, SA Muellmann, HA Zeeb

P2.6  16791  South Asian Mothers and Children Being Active (SAMBA): A qualitative investigation of barriers and enablers to physical activity participation
N Ntoumanis, JO Olson, Z Jeemi, S Gower, JA Dantas

P2.7  16804  A systematic literature review of choice architecture interventions to increase physical activity and decrease sedentary behavior
L Landais, O Damman, D Timmermans, E Verhagen, J Jelsma

P2.8  16849  The effects of an exercise intervention on daily time-use composition and fitness, adiposity and cardiometabolic outcomes: A novel analysis of compositional data
D Dumuid, S Gomersall, K Norton, C Maher, C English, T Olds

P2.9  16895  Qualitative analysis of COACH: A Community-Based Behavioral Intervention to Reduce Obesity Health Disparities within a Marginalized Community
WJ Heerman, J Cole, L Teeters, T Lane, LE Burgess, J Escarfuller, K Bonnet, D Schlundt, SL Barkin

P2.10  16907  Is self-determined motivation associated with the effects of an intervention aimed to increase physical activity and exercise levels? An 80-day follow-up
J Parker, A Ivarsson, U Johnson, I Svetof, M Andersen, C Schough, E Viberg, A Bärv, S Warpman

P2.17  16998  Personality attributes and diet habits of young adults attending college in US
RA Wattick, RL Hagedorn, MD Olfert

P2.18  17022  Peer-support is an important motivation affecting factor in online weight loss program
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P2.120 15791 Changes in BMI and fitness of children attending year-round versus traditional schools over summer break and the school year
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A Helleve, H Rutter

P2.125 16043 Physical activity of Czech adolescents in different types of neighborhood environment
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P2.126 16090 Perceived neighbourhood walkability and different types of physical activity in Canadian men and women
GR McCormack, C Christie, J Vena, C Friedenreich, V Nichani

P2.128 16460 Environmental and personal barriers and facilitators impacting the experiences of adults participating in an internet-facilitated pedometer intervention
GR McCormack, K McFadden, TL McHugh, JC Spence, K Mummery

P2.129 16582 Indigenous students' perceptions of a school nutrition policy
C Gillies, A Alexander Research Committee, A Farmer, K Maximova, ND Willows

P2.131 16743 Influence of nutritional warnings on consumers’ choice of a snack product: Evidence from a real choice and real products
G Ares, L Machin, MR Curutchet, A Gimenez, J Aschemann-Witzel

P2.132 16814 Examining changes to food and beverage availability, pricing, and marketing in a low-income community after the opening of a whole foods market®
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SW Ng, S Soares-Wynter, SA Aiken-Hemming, B Hollingsworth, DR Miles
P2.139 16885 Screen time vs green time: The health impacts of too much screen time
*MS Tremblay, J Sturdy*

P2.140 16887 Prevalence of current school-level nutrition policies and practices of secondary schools in NSW, Australia
*JY Ooi, SL Yoong, R Sutherland, J Wrigley, C Lecathelinais, K Reilly, L Janssen, N Nathan, L Wolfenden*

P2.141 16899 Active travel to school and physical activity levels in primary school children
*A Kemperman, I Craats van de, P Berg van den, O Waygood*

P2.142 16916 A cross-sectional study on the content of products promoted in Dutch supermarket catalogues.
*SC Dijkstra, R Jansen, A Hendriksen, M Huitink, JC Seidell, MP Poelman*

P2.143 16922 Do physical activity friendly neighborhoods affect community members equally?
*N Stappers, D Van Kann, N De Vries, S Kremers*

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*N Stappers, J Schipperijn, S Kremers, M Bekker, M Jansen, D Van Kann*

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*B Houghtaling, L Dobson, E Serrano, S Misyak*

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*SI Kirkpatrick, A Raffoul, KM Lee, AC Jones*

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*MP Poelman, FJ van Lenthe, CB Kamphuis*

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*VI Simpson, LM Pedigo*

P2.150 17087 Finding the sweet spot: Understanding public’s perceptions towards policies to reduce the consumption of sugary drinks in Singapore
*SA Rebello, JY Tan, SG Ong, A Teng, J Yao, N Luo*

P2.153 17118 English local government use of the planning system to regulate hot food takeaway outlets. A mixed-methods analysis of correlates and experiences of planning policy adoption
*M Keeble, J Adams, M White, S Cummins, C Summerbell, T Burgoine*

P2.154 17148 Mediterranean built environment and weather as modulator factors on physical activity: Cross-sectional study
*A Colom, M Ruiz, J Wärnberg, J Baron, M Compa, M Morey, M Fiol, D Romaguera*
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16889  How multiculturalism as a national policy agenda reflects in sport, physical activity and sedentary behaviour policies in Australia and the Netherlands – a qualitative content analysis

*B Klepac Pogrmilovic, J Broerse*

### P2.173
17451  A systematic review of influences of product placement in food stores on dietary behaviours and sales (Prospero CRD: 42016048826)

*SC Shaw, J Baird, CA Vogel*

### P2.174
17454  Can repositioning menu items affect recess orders from an online school canteen ordering system? Secondary outcomes from a cluster randomised controlled trial

*R Wyse, G Gabrielyan, L Wolfenden, S Yoong, J Swigert, T Delaney, C Lecathelinais, J Ooi, D Just*

### P2.175
17474  Low alcohol wine – Is it a thing? A narrative review on consumer perception and behaviour

*T Bucher, K Deroover, C Stockley*

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17488  Public transport – is it REALLY active transport? Exploring commuting and physical activity among office workers in Brisbane, Australia

*AL Walsh, TL Washington, NA Petrunoff, KC Heesch*

### P2.177
17489  Legislation or self-monitoring? Which option to improve school meal quality?

*E Patterson, LS Elinder*

### P2.178
17490  Comparison of buffers, activity space and MVPA space in assessing effect of area-level deprivation on physical activity facility availability

*AD Christensen, D Radley, C Griffiths, C Gorse*

### P2.179
17492  Is the protective effect of cycling helmet against death confounded by the area of the crash?


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17299  Association between sedentary behavior and cardiovascular disease risk in adults with autism spectrum disorder

*D Lee, JM Kennedy, DJ Cothran, PC Shih, S Dickinson, LG Arroyo, GC Frey*

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*H Liu, B Chow*

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*SL Liu, HL La, SY Yeo*
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P2.186 20428 A web-based lifestyle intervention program in Chinese college students: Design and preliminary results of a randomized placebo-controlled trial  
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P2.188 20669 A review of behavior change techniques, transparency, and quality in Mexico's top-ranked commercial smartphone apps for weight control, physical activity, and healthy diet  
CM Monroe, S Edney, LI Reyes, A Cruz, G Turner-McGrievy, SM Jang, A Bonvecchio, MC Leon Ortiz, A Jauregui, JF Thrasher

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TH Lam, AY Lai, PF Chan, A Wan, A Fung, SY Ho

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K Haas

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A Carlin, C Logue, J Flynn, AM Gallagher, MH Murphy

P2.197 20684 My E-Diary for Activity and Lifestyle (MEDAL): Feasibility and acceptability of a newly developed web-based application for multi-component behavioural assessments among young adolescents  
A Chia, S Tan, MJ Chan, M Colega, JY Toh, N Padmapriya, C Lanca, CS Tan, L Shek, SM Saw, F Mueller-Riemenschneider, M Chong
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<td><strong>S5.49: Policy, systems, and environmental improvements to worksites’ physical activity and nutrition</strong> (Convenor: Dr. Elizabeth Racine)</td>
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<td>15994 Taking nudge digital with food choice at work: From evaluation to practical application in everyday workplace settings</td>
<td>S Fitzgerald, F Geaney AP Fitzgerald, I Perry</td>
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<td>15998 UniefActief! A comprehensive physical activity promotion program for university employees</td>
<td>J Seghers, A Bogaerts</td>
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<td>15988 Worksite physical activity policies and employees’ physical activity at work</td>
<td>E Ablah, E Grilliot, H Okut, A Honn, V Barnes</td>
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<td><strong>S5.50: Global Matrix 3.0 on Physical Activity for Children and Youth: insights from report card grades from European, African, Latin-American, and Asian countries</strong> (Convenor: Ms. Salomé Aubert)</td>
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<td>15989 Highlights of report card grades from six African countries that participated in the Global Matrix 3.0</td>
<td>T Manyanga, S Aubert, SA Gonzalez, EY Lee, JJ Reilly, MS Tremblay</td>
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<td>15991 Highlights of report card grades from Latin-American countries that participated in the Global Matrix 3.0</td>
<td>SA Gonzalez, S Aubert, EY Lee, T Manyanga, JJ Reilly, MS Tremblay</td>
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<td>15995 Highlights of report card grades from 12 Asian countries that participated in the Global Matrix 3.0</td>
<td>EY Lee, S Aubert, SA Gonzalez, T Manyanga, JJ Reilly, MS Tremblay</td>
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<td><strong>S5.51: Implementation science in nutrition and physical activity large-scale community-based health interventions – Novel strategies for capturing and monitoring dissemination</strong> (Convenors: Dr. Melissa Olfert &amp; Miss Rachel Wattick)</td>
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<td>16020 Just beat it – boosting education and training with IT to disseminate nutrition interventions</td>
<td>C Collins, L Kheng Chai, L Ashton, R Haslam, T Burrows, M Rollo</td>
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<td>16079 Approaches to sustainability in the children’s healthy living (CHL) program – CHL center and network for ongoing training and monitoring</td>
<td>R Novotny, J Butel, MK Fialkowski Revilla, J Davis, M Esquivel, A Yamanaka, T Aflague, RL Guerrero, P Coleman, T Fleming, L Shallcross</td>
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<td>16021 Using the eB4CAST framework to capture, assemble, sustain, and ensure timelessness of evidence based programs</td>
<td>RA Wattick, MD Olfert, ML Barr, RL Hagedorn, EN Clegg</td>
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<td>S5.52</td>
<td>Cross-national trends in energy-related behaviours among adolescents from an international perspective – Findings from the Health Behaviour in School-aged Children (HBSC) study (Convenor: Prof. Terrace 2A)</td>
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<td>S5.52.01</td>
<td>Cross-national trends in active travel to school among adolescents – Findings from the Health Behaviour in School-aged Children (HBSC) study</td>
<td>E Haug, D Sigmundová, Z Hamrik, J Bucksch, C Roberts, F Mathisen, H Nalecz, J Inchley</td>
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<td>Cross-national trends in obesity-related behaviours among adolescents in Europe</td>
<td>Z Hamrik, J Inchley, J Bucksch, D Currie, C Kelly, T Torsheim</td>
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<td>Trends in sleeping difficulties among adolescents: Are these associated with physical inactivity and excessive screen time?</td>
<td>B Deforche, B De Clercq, A Ghekiere, J Van Cauwenberg, A Vandendriessche, J Inchley, M Gaspar de Matos, A Borraccino, I Gobina, J Tynjälä</td>
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<td>S5.53.01</td>
<td>Planning for antenatal service support initiatives: Clinician's provision of and barriers to providing guideline recommended care for gestational weight gain</td>
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<td>S5.53.02</td>
<td>How healthy conversation skills supports change at all levels – organisation, practitioner and service-user</td>
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<td>Designing, implementing and scaling up tools for health care providers to support healthy pregnancy weight gain in women in Alberta, Canada</td>
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<td>Prehabilitation in cancer: developing sustainable interventions with community and primary care partners (Convenor: Prof. John Saxton) Club A</td>
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<td>S5.54.01</td>
<td>The Wessex Fit-4-Cancer Surgery Trial – physical and psychosocial prehabilitation in cancer patients</td>
<td>C Grimmett, S Jack, M West, A Bates, J Varkonyi-Sepp, S Leggett, M Grocott</td>
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<td>S5.54.02</td>
<td>Prehabilitation in cancer: developing sustainable interventions</td>
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<td>Play perceptions and practices in New Zealand 2015-2018: The State of Play Surveys</td>
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<td>Outdoor Play Environment Categories (OPEC) – a landscape configuration with potential for play</td>
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<td>A policy-level initiative to promote outdoor play and learning in Scotland</td>
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<td>Associations between food insecurity and sociodemographic characteristics and weight-related outcomes in a sample of parents with Type 2 Diabetes or a history of gestational diabetes</td>
<td>\textit{C Martin, B Gregorich, M Sunni, J Fulkerson}</td>
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<td>Material and psychosocial disadvantages associated with Type 2 Diabetes lifestyle risk factors</td>
<td>\textit{E Järvelä-Reijonen, T Tilles-Tirkkonen, L Karhunen, J Pihlajamäki}</td>
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<td>Demographic and household characteristics associated with food insecure and low-income food secure households in a sample of Australian mothers</td>
<td>\textit{H Harris, D Gallegos, C Parsell, K Thorpe}</td>
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<td>S5.57</td>
<td>16042: Knowledge exchange of promoting healthy pregnancy and healthy growth: studies from Australia, China, and Indonesia (Convenor: Dr. Sarah Taki)</td>
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<td>Understanding of the use of smartphone apps for health information in Chinese pregnant women: a mixed studies from Shanghai, China</td>
<td>\textit{G He, N Wang, Z Deng, LM Wen, Y Ding}</td>
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<td>Overweight/obesity in Indonesia: perceptions of primary carers of under-five and 7–12 years children</td>
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<td>Promoting healthy infant growth among culturally and linguistically diverse communities in Sydney, Australia: Perspectives of healthcare professionals</td>
<td>\textit{S Marshall, S Taki, P Love, LM Wen, C Rissel}</td>
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<td>16025: Novel techniques to assess activity patterns: Data reduction, data analysis, and data visualisation. (Convenor: Miss Simone Verswijveren)</td>
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<td>S5.58.01</td>
<td>The development, validation and application of two novel data reduction methods to determine moderate-to-vigorous intensity physical activity from the activPAL 3 micro physical activity monitor</td>
<td>\textit{AE Donnelly, G Hayes, KP Dowd, C Mac Donncha}</td>
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<td>S5.58.02</td>
<td>Patterns of accumulation of activity across the activity spectrum and associations with cardio-metabolic health outcomes: A latent profile approach</td>
<td>\textit{S Verswijveren, K Lamb, J Salmon, A Timperio, K Mackintosh, M McNarry, R Telford, D Telford, N Ridgers}</td>
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<td>Translating large volumes of data to simple visualisations: An overview</td>
<td>\textit{K Mackintosh}</td>
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<td>Evaluating the impact of the Chilean regulations on front-of-package warning labels and food marketing (Convenor: Dr. Marcela Reyes)</td>
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<td>Short-term changes in critical nutrients content of prepackaged foods after the implementation of the Chilean Law of Food Labelling and Marketing</td>
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<td>S5.59.02</td>
<td>A comparison of unhealthy food advertising on television and children’s exposure to this advertising before and after Chile’s implementation of a food marketing restriction</td>
<td><em>FD Carpentier, LS Taillie, C Corvalan, M Reyes, T Correa</em></td>
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<td>S5.59.03</td>
<td>An evaluation of changes in household purchases of regulated foods and beverages after Chile’s front-of-package warning label and food marketing policies: A pre-post study</td>
<td><em>LS Taillie, M Reyes, A Colchero, B Popkin, C Corvalan</em></td>
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**09:45 – 09:50**
Transition time (5 min to Congress Hall)

**09:50 – 10:50**
Invited Talks

*Invited Talk 1: Where next for physical activity promotion in young people?*
*Esther van Sluijs*

*Invited Talk 2: The challenges in addressing dietary disparities*
*Uriyoan Colón Ramos*

**10:50 – 12:05**
Coffee break and Poster Session #3
(See page 137 for Poster Presentations)

**12:05 – 13:20**
Orals

*How to impact energy dense food intakes?*

**O39.1** | 17059 Randomized controlled trial evaluating the effect of implicit and explicit taxes on the purchasing of ‘High-in Calories’ products | *EA Finkelstein, F Ang, BM Doble* |

**O39.2** | 17302 Differences in consumption of sugary drinks and attitudes towards sugary drinks across five countries | *L Vanderlee, CM White, J Adams, A Jaregui, G Sacks, D Hammond* |

**O39.3** | 16921 Political and social acceptability of a sugar-sweetened beverages tax: A mixed-method systematic review and meta-analysis | *M Eykelenboom, MM van Stralen, MR Olthof, LJ Schoonmade, IH Steenhuis, CM Renders* |

**O39.4** | 16961 The effectiveness of food taxes and subsidies on consumer purchases: Results from an experimental study | *WE Waterlander, Y Jiang, N Nghiem, H Eyles, N Wilson, C Cleghorn, M Genc, B Swinburn, C Ni Mhurchu, T Blakely* |
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<td>O39.5</td>
<td>Applications from tobacco control to nutrition and obesity: There are still lessons to be learned</td>
<td>CA Parks, HE Fricke, A Chiappone, JL Hill, AL Yaroch</td>
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<td>O39.6</td>
<td>The industry perspectives on the potential impacts of the soft drinks industry levy SDIL: A qualitative framework analysis and critique using a complex systems approach</td>
<td>A Jawad, N Savona</td>
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<td>O40</td>
<td>Nutrition and physical activity research in infants</td>
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<td>O40.1</td>
<td>A critical review of recent randomised controlled trials for the primary prevention of obesity in infancy</td>
<td>M Ekambareshwar, S Mihrshahi, K Hunter, L Askie, D Espinoza, L Seidler, L Baur</td>
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<td>O40.2</td>
<td>Healthy Planet Healthy Youth: a sustainable food systems education and promotion intervention to improve adolescent diet quality and reduce food waste</td>
<td>MP Prescott, X Burg, JJ Metcalfe, C Herritt, L Cunningham Sabo</td>
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<td>O40.3</td>
<td>Choosing Healthy Eating for Infant Health (CHErIsH): The development of an evidence-based intervention to promote the implementation of guideline-based infant feeding behaviours within Irish primary care</td>
<td>C Heary, E Toomey, K Matvienko-Sikar, M Byrne, P Kearney, C Kelly, M Hennessy, C Hayes, J Harrington, J McSharry, E Doherty, M Queally, S McHugh</td>
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<td>O40.4</td>
<td>INSIGHT Responsive Parenting Intervention for Firstborns Impacts BMI for First and Secondborns</td>
<td>JS Savage, AK Hochgraf, E Loken, ME Marini, LL Birch, IM Paul</td>
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<td>O40.5</td>
<td>Feasibility, acceptability and potential efficacy of a group-based intervention to promote tummy time among infants (birth to 6 months). A pilot randomized controlled trial</td>
<td>L Hewitt, S Stephens, A Spencer, R Stanley, A Okely</td>
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<td>O40.6</td>
<td>Adherence to new Canadian 24-Hour Movement Guidelines among infants</td>
<td>K Hesketh, V Carson, A English, L Pritchard-Wiart</td>
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<td>Novel concept of school physical activity recommendation: Support for health behavior in secondary schools</td>
<td>J Mitáš, K Fümel, D Groffik</td>
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<td>O41.2</td>
<td>Better together: Investigating the holistic benefits of father-daughter co-physical activity with mediation analyses</td>
<td>PJ Morgan, MD Young, DR Lubans, N Eather, ER Pollock, AT Barnes</td>
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<td>Project Spraoi: A strategy to improve nutrition and physical activity in primary schoolchildren</td>
<td>M O’Leary, T Coppinger, C Burns</td>
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<td>O41.4</td>
<td>Mixed-methods evaluation of a family-based physical activity promotion intervention: The Families Reporting Every Step to Health (FRESH) pilot randomised controlled trial</td>
<td>JM Guagliano, HE Brown, C Hughes, AP Jones, KL Morton, E Wilson, E van Sluijs</td>
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<td>O41.5</td>
<td>Secondary school flexible learning spaces reduce sedentary time and facilitate lesson engagement in adolescents</td>
<td>KE Kariippanon, DP Cliff, AD Okely, AM Parrish</td>
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<td>O41.6</td>
<td>Parental support in promoting children’s health behaviours and preventing overweight and obesity – a long-term follow-up of the cluster-randomised Healthy School Start Study II trial</td>
<td>Å Normann, Z Zeebari, G Nyberg, LS Elinder</td>
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<td>Digital and online tools for nutrition assessment and promotion</td>
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<td>O42.1</td>
<td>Psychosocial and behavioral outcomes of Intervention INC: An interactive web-based comic tool to decrease obesity risk in low-income minority preadolescents</td>
<td>MM Leung, K Wyka, L Harrison, KF Mateo</td>
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<td>O42.2</td>
<td>A cluster randomised controlled trial of a consumer behaviour intervention to improve the nutritional quality of food purchases from online canteens</td>
<td>R Wyse, T Delaney, L Wolfenden, S Yoong, J Wiggers, R Sutherland, K Ball, K Campbell, C Rissel</td>
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<td>Targeting young adult university students through a brief online nutrition intervention: Results of the EATS pilot RCT</td>
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<td>Nutrition pregnancy apps are of low quality and do not contain adequate techniques for behaviour change</td>
<td>HM Brown, T Bucher, CE Collins, ME Rollo</td>
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<td>O42.5</td>
<td>The feasibility of using a voice assistance tool (Amazon’s Alexa) for dietary self-monitoring</td>
<td>DM Steinberg, JN Burroughs, JH Bolton, GG Bennett, LP Svetkey</td>
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<td>Boosting vegetable consumption by meal colour variety in a just-in-time Ecological Momentary Intervention</td>
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<td>Identifying opportunities to develop the science of implementation for community-based non-communicable disease prevention: A review of implementation trials</td>
<td>K Reilly, L Wolfenden, N Nathan, R Sutherland, M Finch, J Jones, M Kingsland, S Yoong</td>
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| O43.2 | 16823 | What is important during the implementation process of a multicomponent intervention to reduce sitting time among office workers? – results from Take a Stand!  
**IH Danquah, S Kloster, JS Tolstrup**

| O43.3 | 17095 | Barriers to implementation of physical activity in Danish public schools  
**S Koch, J Troelsen, C Pawlowski**

| O43.4 | 17077 | Commuter Choices: Using social cognitive theory to identify strategies for increasing uptake and use of active commuting among office workers  
**AL Walsh, TL Washington, NA Petrunoff, KC Heesch**

| O43.5 | 16930 | Move on bikes program. A community-based physical activity strategy in Mexico City  
**C Medina, M Romero, S Bautista, S Barquera, I Janssen**

| O43.6 | 17418 | The effectiveness of an annual nationally-delivered workplace Step Count Challenge on step-counts across two years of delivery  
**T Gorely, AG Niven, G Ryde, C Greenwood**

| O44 | Preparing cancer and disease through physical activity | Club A

| O44.1 | 17395 | Tackling men's health through Rugby League: Findings from the Active Breed men's health pilot study  
**ES George, F Sari, M Darmody, A El Masri, MT Gibbs, S Cavallin, GS Kolt, K Hunt, MD Young, PJ Morgan**

| O44.2 | 17208 | Efficacy of a computer-tailored physical activity intervention for prostate and colorectal cancer patients and survivors  
**R Golsteijn, C Bolman, D Peels, E Volders, H de Vries, L Lechner**

| O44.3 | 17191 | Breast, prostate and colorectal cancer specialist nurses’ perspectives of physical activity promotion and the potential role of smartphone-based physical activity interventions in cancer care: A qualitative study  
**AL Roberts, HW Potts, C Stevens, L Smith, A Fisher**

| O44.4 | 16946 | Longer-term effects of exercise dose and type during breast cancer chemotherapy on quality of life, cancer-related symptoms, and psychosocial outcomes  
**KY An, AR Morielli, DW Kang, CM Friedenreich, DC McKenzie, K Gelmon, JR Mackey, RD Reid, KS Courneya**

| O44.5 | 17311 | The effects of increasing physical activity on cognitive performance in prostate cancer survivors: A pilot, randomized controlled trial  
**L Trinh, E McAuley, AF Kramer, K Rowland, JN Wong, DA Strom**

| O44.6 | 17409 | Associations of grip strength and body mass index with cancer mortality in 413,338 adults: The UK Biobank study  
**S Hwang, Y Kim**
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<td>O45</td>
<td>Trends in behavioral nutrition physical activity</td>
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<td>Trends of adolescent's physical activity, sedentary behavior and active transportation and their association with perceived social support of parent and peer in Indonesia: The Global School-based Health Survey 2007 and 2015</td>
<td>RA Yusuf, DF Mont, HJ Chen</td>
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<td>T McGaughey, C Piatkowski, N Carbert, PJ Naylor, HA McKay, RM Hanning, L Le Mare, LC Masse</td>
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<td>Study protocol and baseline characteristics of a longitudinal study on body weight, body composition and energy balance related behaviour during the transition to parenthood: TRANSPARENTS study</td>
<td>VI Versele, TO Deliens, HA Van den Eynde, PE Clarys, RO Devlieger, AN Bogaerts, LE Gucciardo, DI Aerenhouts</td>
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<td>Five-year weight loss and physical activity trajectories following bariatric surgery</td>
<td>V Voorwinde, T Hoekstra, I Janssen, V Monpellier, I Steenhuis, M van Stralen</td>
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<td>Identifying household substitutes for soft drinks: An analysis of longitudinal purchasing data in Montréal, Canada</td>
<td>K Crowell, A Verma, H Mamiya, C Mah, A Quesnel-Vallée, D Buckeridge</td>
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<td>Food environments, socio-economic differences and lifestyle</td>
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<td>Does genetic risk of obesity modify associations between characteristics of the neighbourhood built environment and BMI?</td>
<td>KE Mason, L Palla, N Pearce, J Phelan, S Cummins</td>
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<td>Changes in the Dutch foodscape over the past decade: Differences by neighbourhood socioeconomic status and urbanisation</td>
<td>MG Pinho, NR Braver, JD Mackenbach, JW Beulens, J Lakerveld</td>
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<td>Evaluation of the first U.S. staple foods ordinance: Impact on nutritional quality of small and non-traditional food store offerings, customer purchases and home food environments</td>
<td>MN Laska, CE Caspi, K Lenk, SG Moe, JE Pelletier, LJ Harnack, DJ Erickson</td>
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### Policy action to create healthier environments – using policy frameworks and databases to promote healthy diets, physical activity & reduce overweight and obesity

*F Sing, L Meincke, B Sinclair*

### Beyond the local food environment: Exploring the digital food space in three high-income countries and its socioeconomic (SES) differences

*MP Poelman, L Thornton, SN Zenk*

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#### SO12 Determinants of physical activity and sedentary behavior

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<td>A Helleve, GM Flodgren</td>
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<td>Fostering healthier and sustainable food and physical activity environments for all: Global applications of community-engaged citizen science</td>
<td>P Gardiner, AC King, SJ Winter, A Banchoff, J Hua, BW Chrisinger, OL Sarmiento, EV Lambert, CA Triana Reyes, N Aguilar-Farias, J Sheats, DK King, A Dagan, A Stathi, E Hinckson, A Tuckett, S Chastin, AA Ferreira Hino, R McEachan, M Porter, K Bälter, P Gelius</td>
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<td>Understanding and influencing occupational sedentary behaviour – A mixed-method approach in a multi-ethnic Asian population</td>
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<td>City center or outskirts? Where are the Czech adolescent active</td>
<td>J Mitáš, L Rubín, J Nykodým, E Řepka, D Feltlová, A Suchomel, L Bláha, P Valach, H Klimtová, O Racek, J Schuster, K Frömel</td>
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<td>Do objectively-assessed physical activity and sedentary behaviour mediate the associations between environmental attributes and Japanese older adults’ body mass index?</td>
<td>J Koohsari, K Oka, AT Kaczynski, T Nakaya, A Shibata, K Ishii, A Yasunaga, EW Stowe, T Hanibuchi</td>
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#### SO13 Parents as key influencer on preschoolers’ diet?

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<td>Family resource drivers of unhealthy food intake in Australian toddlers</td>
<td>CE Mauch, TP Wycherley, RA Laws, LK Bell, R Byrne, RK Golley</td>
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<td>The association of parenting practices with preschoolers’ dietary intake and BMI, and the moderating role of general parenting and child characteristics</td>
<td>JS Gubbels, SP Kremers</td>
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<td>Associations between parenting styles, feeding practices and child diet quality</td>
<td>AJ Burnett, KE Lamb, AC Spence, KE Lacy, A Worsley</td>
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SO13.4 16876 Consistency between parent-reported feeding practices and behavioral observation during a dinner meal
LR Fries, K van der Horst, KJ Moding, SO Hughes, SL Johnson

SO13.5 17013 The effect of parent beliefs and practices on young children's response to a preschool healthy eating intervention: A qualitative study
J Lanigan, A Jackson, Z Edwards, S Lee, R Bailey

SO14 Behavior change interventions

SO14.1 17189 Predictors of Lapse and Relapse in Physical Activity and Dietary Behavior: A Literature Review on Prospective Studies
MM van Stralen, EM Roordink, IH Steenhuis, W Kroeze, LJ Schoonmade, FF Sniehotta

SO14.2 17404 Findings from The SMART (Support, Motivation and Physical Activity Research for Teachers’) Health randomized controlled trial
M Murphy, D Lubans, K Cohen, S Robards, M Wilczynska, S Kennedy, E James, W Brown, K Cournyaa, R Sigal, R Plotnikoff

SO14.3 16888 A cluster randomised controlled trial of a sugar-sweetened beverage intervention in secondary schools (the switchURsip program)
JY Ooi, R Sutherland, N Nathan, K Reilly, SL Yoong, L Janssen, J Wrigley, L Wolfenden

SO14.4 16788 The impact of a beginners running programme on markers of adiposity, blood pressure and fitness
SA Clemes, E Fitzpatrick, M Ojo, M Moran, C Stevinson, C Plateau

SO14.5 16894 Activity for Wellbeing: Impact of a need-supportive program on motivation and physical activity behaviour in aged-care workers
M Lock, D Post, J Dollman, G Parfitt

SO15 Digital health promotion tools for behavioral nutrition and physical activity

SO15.1 17381 Implementation evaluation of a wearable technology intervention to increase adolescent physical activity: Translatability in practice
ND Ridgers, H Koorts, J Salmon, A Timperio, K Ball, S Macfarlane, SK Lai, H Brown, M Lewis, SE Chappel

SO15.2 17135 Qualitative Evaluation of the e-coachER Randomised Controlled Trial: Participants’ views of the web-based support package for facilitating uptake of Exercise Referral Schemes and maintenance of longer-term physical activity
A Taylor, S Dean, R Terry, N Charles, J Lambert, C Greaves, J Campbell

SO15.3 17072 Can Instagram be used to deliver an evidence-based physical activity intervention for young women? – an exploratory study
RG Curtis, S Edney, J Ryan, C Maher

SO15.4 16931 Evaluation of a physical activity program designed for adults with developmental disabilities and their staff
JL Hamm, KA Caillouet, E Medina, M Ross, E McCoy
## SO15.5  17380  Digital health promotion tools supporting healthy eating in families: A mixed method review  
*D Zarnowiecki,*  
*C Mauch,*  
*G Middleton,*  
*R Golley*

## SO16  Upscaling nutrition and physical activity interventions  
Terrace 2B

### SO16.1  15800  PRACTIS for COmEBAcK: Use of PRACTIS to guide process evaluation and scalability planning within a trial evaluating two physical activity interventions in people with self-reported walking difficulty  
*S Wong,*  
*L Hassett,*  
*H Koorts,*  
*A Grunseit,*  
*A Tiedemann,*  
*C Sherrington*

### SO16.2  17327  A longitudinal study of disseminating, translating, implementing and scaling-up research recommendations to increase physical activity in rural communities  
*SM Davis,*  
*RL Kozoli,*  
*JM Hess*

### SO16.3  16782  Scaling up an intervention to promote physical activity in childcare centers  
*E Foitzik,*  
*C Müller,*  
*H Hassel*

### SO16.4  17251  Pursuing effective strategies to increase reach for family-based pediatric obesity treatment interventions  
*RT Bartee,*  
*KA Heelan,*  
*JL Hill,*  
*PA Estabrooks,*  
*BM Abbey*

### SO16.5  17228  A thematic analysis on the implementation of nutrition policies at food pantries in the United States using the RE-AIM framework  
*MJ Helmick,*  
*AL Yaroch,*  
*PA Estabrooks,*  
*CA Parks,*  
*JL Hill*

## SO17  Cancer and disease prevention and management  
Club A

### SO17.1  17367  Physical activity and dietary intake among patients with newly diagnosed colorectal cancer  
*SA Purcell,*  
*SA Elliott,*  
*PJ Walter,*  
*T Preston,*  
*H Cai,*  
*RJ Skipworth,*  
*MB Sawyer,*  
*CM Prado*

### SO17.2  17271  Integrating nutrition into oncology care – the NutriCare program  
*L Keaver,*  
*I Yanniakou,*  
*FF Zhang*

### SO17.3  17475  Feasibility and acceptability of tailored eHealth activity change advice among breast cancer survivors  
*CC Forbes,*  
*M Keats,*  
*T Younis,*  
*C Vandelanotte,*  
*CE Short,*  
*CM Blanchard*

### SO17.4  17269  Perceptions on integrating nutrition into oncology care by oncology providers and adult cancer survivors  
*L Keaver,*  
*I Yanniakou,*  
*S Folta,*  
*D Cahill,*  
*FF Zhang*

### SO17.5  17393  Context-specific sitting time and abnormal glucose metabolism in Australian men and women  
*AR Homer,*  
*P Sethi,*  
*N Owen,*  
*DW Dunstan*
### SO18  Physical activity and sedentary behavior studies  Club B

**SO18.1** 17169 A systematic review and meta-analysis of interventions to reduce time spent sedentary or break up prolonged sedentary events in adults  
*R Corepal, J Hall, T Cracker, L Burton, K Birch, G Carter, D Clarke, C English, A Farrin, C Fitzsimons, J Hall, I Holloway, R Lawton, G Mead, S Morton, A Patel, A Forster*

**SO18.2** 16956 Health benefits of electrically-assisted cycling: A systematic review  
*JE Bourne, S Sauchelli, R Perry, A Page, C England, AR Cooper*

**SO18.3** 17357 Associations of device-measured sitting, standing, and stepping time with informal face-to-face interactions at work  
*T Sugiyama, EA Winkler, AD LaMontagne, GN Healy, N Hadgraft, DW Dunstan, N Owen*

**SO18.4** 17358 Using a latent change score approach to understand longitudinal relations between psychological distress and moderate-to-vigorous physical activity  
*MD Guerrero, DF Guacciardi, B Law, EQuested, C Thogersen-Ntoumani, N Ntoumanis, B Jackson*

**SO18.5** 16871 Habitual physical activity patterns of vocational education students are not associated with executive functioning: The PHIT2LEARN study  
*RH de Groot, HJ Gijseelaers, BG Ramakers, HH Savelberg, AS Singh*

### SO19  Disease prevention and management  Club C

**SO19.1** 17231 Understanding the longitudinal association between adherence to the DASH dietary pattern and blood pressure reduction  
*DM Steinberg, JA Gallis, K Kusibab, S Grambow, LP Svetkey*

**SO19.2** 17222 Effects of a 22-week strength and endurance training intervention in sedentary, obese people with increased cardiovascular disease risk: Lessons learned from a complex feasibility study  
*T Deraas, B Morseth, J Johansson, A Henriksen, G Knaplund, I Hopstock, E Sagelv, S Pedersen*

**SO19.3** 17366 Digital health cardiovascular disease prevention: Systematic review and meta-analysis of randomised controlled trials  
*A Direito, J Rawstorn, R Maddison, ES Tai*

**SO19.4** 17482 Arterial stiffness, body composition and self-reported physical activity to assess fitness versus fatness  
*CA Elliot, M Hamlin, C Lizamore*

**SO19.5** Presentation Withdrawn
## SO20  Socio-economic inequalities in nutrition  Club D

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<td><em>JT Bernstein, AK Christoforou, MR L'Abbe</em></td>
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<td>16827 Improving cardiometabolic health through nudging dietary behaviours and physical activity in adults with low socioeconomic position: The SUPREME NUDGE project</td>
<td><em>JM Stuber, JD Mackenbach, J Lakerveld, MC Harbers, CN Middel, JW Beulens</em></td>
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<td>16893 Obesity risk in women of childbearing age in New Zealand: A nationally representative cross-sectional study</td>
<td><em>M Hobbs, M Tomintz, J McCarthy, L Marek, C Vannier, M Campbell, S Kingha</em></td>
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<td>16800 To what extent do dietary costs explain socioeconomic inequalities in diet quality?</td>
<td><em>JC Hoenink, JW Beulens, JM Boer, SC Dijkstra, M Nicolaou, Y van der Schouw, I Sluijs, WM Verschuren, W Waterlander, JD Mackenbach</em></td>
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## SO21  Assessment and methodologies in behavioral nutrition and physical activity  Club E

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<td><em>C Verdot, B Salanave, V Deschamps</em></td>
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<td>16949 Positive deviance of parent engagement in school: family-based interventions</td>
<td><em>BA Lohse, L Cunningham-Sabo</em></td>
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<td><em>LG Smith, L Foley, J Panter</em></td>
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A Martin, P McCrorie, JJ Reilly, AD Okely, X Janssen

From attitudes to intention to purchase vitamin D fortified food: Roles of personal benefit, problem awareness and product appropriateness
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Elling Tufte Bere

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Steven Allander

**Speaker 3** Sustainable diet
Wilma Waterlander
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P3.36 The relationship between perceived sedentary behaviour and psychological health
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*CS Kampshoff*, LM Buffart, AM May, RJ Huijsmans, MG Sweegers, NK Aaronson, MM Stuiver

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