

## Programme

### DAY 1: THURSDAY 19th NOVEMBER

- Morning Meeting of DOHaD Council
- 14.00–14.20 **Welcome address**  
*President Michelle Bachelet (Chile)*
- 14.20–14.40 **Opening ceremony, DOHaD Presidential address**  
*Mark Hanson (UK)*
- 14.40–16.20 **PLENARY SESSION 1: Nutrition, development and human health and capital (A)**  
**Chair:** *Ana Victoria Román (INCAP, Costa Rica), Dennis Bier (USA)*  
**Maternal and child nutrition, and chronic disease prevention**  
**Speaker:** *Ricardo Uauy (Chile)*  
**Maternal obesity; weighing up the evidence**  
**Speaker:** *Lucilla Poston (UK)*  
**Developmental influences on physical and intellectual capital and on economic productivity**  
**Speaker:** *Reynaldo Martorell (Honduras)*  
**The economic cost of a poor start to life**  
**Speaker:** *Harold Alderman (USA)*
- 16.20–16.50 **TEA/COFFEE BREAK**
- 16.50–18.30 **PLENARY SESSION 2: Nutrition, development and human health and capital (B)**  
**Chair:** *Caroline Fall (UK), Mark Hanson (UK)*  
**Maternal origins of adult disease**  
**Speaker:** *David Barker (UK)*  
**Nick Hales Award Lecture: Epigenetic mechanisms in development and disease**  
**Speaker:** *Robert Waterland (USA)*  
**David Barker Medal Lecture: Darwin, development and DOHaD**  
**Speaker:** *Peter Gluckman (New Zealand)*
- 18:30 **Welcome Cocktail Reception**

### DAY 2: FRIDAY 20th NOVEMBER

- 08.00–09.15 **PARALLEL SESSION 1**
- 1A Caring for the fetus and mother; how DOHaD influences clinical care**  
**Chair:** *Roberto Romero (USA), Enrique Oyarzún (Chile)*  
**Speakers:** *John Newnham (Australia), Michelle Lampl (USA)*
- 1B Child health; how early to prevent obesity?**  
**Chair:** *Jonathan Wells (USA), Luis A. Moreno (Spain)*  
**Speakers:** *Matthew Gillman (USA), Cesar Victora (Brazil)*
- 1C Choosing the right animal model for DOHaD research**  
**Chair:** *Jorge P. Figueroa (USA), Michael Symonds (UK)*  
**Speakers:** *Anibal Llanos (Chile), Peter Nathanielsz (USA)*
- 1D Family matters: designing, analyzing and understanding family based studies in life course epidemiology.**  
**Conveners' & Speakers:** *Debbie Lawlor (UK), Gita Mishra (UK)*  
**Speakers:** *Susan Morton (New Zealand), Anne-Marie Andersen (Denmark)*

09.30–11.00 **PARALLEL SESSION 2****2A Developmental origins of brain function, behavior, cognition and school performance**Chair: *James Swanson (USA), Jaime Rozowski (Chile)*Speaker: *Sally McGregor (UK)***2B Development of lean mass and sarcopenia**Chair: *Loreto Massardo (Chile), Marçal Pastor-Anglada (Spain)*Speaker: *Avan Aihie Sayer (UK)***2C Developmental origins of infectious disease immunity and host responses**Chair: *Noel Solomons (Guatemala), Michael Ross (USA)*Speaker: *Sophie Moore (UK)*11.00–11.30 **TEA/COFFEE BREAK**11.30–13.00 **PARALLEL SESSION 3****3A The implications of DOHaD for agriculture and animal breeding**Chair: *Jane Harding (New Zealand), Carlos Calvo (Chile)*Speaker: *Hugh Blair (New Zealand)***3B Developmental origins of obesity – can the biology explain the epidemiology**Chair: *Javier Aranceta (Spain), Lluís Serra-Majem (Spain)*Speaker: *Cristina Campoy (Spain)***3C Developmental origins of breast and other cancers**Chair: *David Barker (UK), Paula Ravasco (Spain)*Speaker: *Karin Michels (USA)*13.00–13.45 **NUTRITION SYMPOSIUM**13.45–14.30 **LUNCH**14.30–16.00 **PARALLEL SESSION 4****4A Developmental origins of the aging process**Chair: *Pedro Paulo Marin (Chile), Gloria Valdés (Chile)*Speaker: *Cyrus Cooper (UK)***4B COHORTS Session: Impact of early growth on lifelong health**Chair: *Aryeh Stein (USA), Manuel Ramirez-Zea (Guatemala)*Speaker: *Linda Adair (USA)***4C Developmental origins of reproductive function**Chair: *Gillian Bentley (UK), Sergio Recabarren (Chile)*Speaker: *Verónica Mericq (Chile)*16.00–17.00 **DOHaD Society Annual Business Meeting (AGM)**Chair: *Mark Hanson (UK)*17.00–19.00 **POSTER SESSION 1** (with wine and refreshments)**DAY 3: SATURDAY 21ST NOVEMBER**07.15–08.00 **Pan-American Alliance for Nutrition and Development (by invitation)**Chair: *Manuel Peña (PAHO/WHO Peru)*08.00–09.30 **PLENARY SESSION 3: Nutritional interventions in pregnancy to prevent disease**Chair: *Fernando Vio (Chile), Francisco Mardones (Chile)*Speakers: *Tessa Roseboom (The Netherlands), Alan Jackson (UK), José M. Belizán (Argentina), Yoav Ben-Shlomo (UK)*

09.30–11.00 **PARALLEL SESSION 5**

**5A Developmental origins of diabetes and metabolic disease**

**Chair:** *Ángel Gil (Spain), Carmina Wanden-Berghe (Spain)*

**Speaker:** *Klaus Kaestner (USA)*

**5B Pan-American Health Organization: How is DOHaD influencing policy?**

**Chair:** *Chessa Lutter (PAHO/WHO), Francesco Branca (WHO)*

**Speakers:** *Francesco Branca (WHO), Helia Molina (Chile), Juan Rivera (Mexico), Angelina Cespedes (WFP-UN)*

**5C Maternal and environmental influences on placental development and function**

**Chair:** *Colin Sibley (UK), Paola Casanello (Chile)*

**Speaker:** *Leslie Myatt (USA)*

11.00–11.30 **TEA/COFFEE BREAK**

11.30–13.00 **PARALLEL SESSION 6**

**6A The impact of early post-natal growth and nutrition**

**Chair:** *Juan Rivera (Mexico), Gilberto Kac (Brazil)*

**Speaker:** *Berthold Koletzko (Germany)*

**6B Development of the kidney and its impact on later disease**

**Chair:** *Susan Bagby (USA), Sofía Salas (Chile)*

**Speaker:** *Wendy Hoy (Australia)*

**6C Genetic influences on fetal growth**

**Chair:** *Chittaranjan Yajnik (India), Debbie Lawlor (UK)*

**Speaker:** *Beverly Shields (UK)*

13.00–14.00 **LUNCH**

14.00–15.30 **PARALLEL SESSION 7**

**7A The impact of gestational diabetes and maternal obesity**

**Chair:** *Mario Meriardi (WHO), Lucilla Poston (UK)*

**Speaker:** *Patrick Catalano (USA)*

**7B Evolution and DOHaD**

**Chair:** *Chris Kuzawa (USA), Rafael Figueredo (Paraguay)*

**Speaker:** *Robert Denver (USA)*

**7C Developmental origins of asthma and respiratory disease**

**Chair:** *Richard Harding (Australia), Roberto Rona (Chile)*

**Speaker:** *Seif Shaheen (UK)*

15.30–16.00 **TEA/COFFEE BREAK**

16.00–17.00 **PARALLEL SESSION 8**

**8A Epigenetics and developmental biology**

**Chair:** *Tom Fleming (UK), NS Macklon (The Netherlands)*

**Speaker:** *Adam Watkins (UK)*

**8B Maternal Stress**

**Chair:** *Alexandre Ferraro (Brazil), Felipe Heusser (Chile)*

**Speaker:** *Pathik D. Wadhwa (UK)*

**8C Early development and osteoporosis and bone health**

**Chair:** *Cyrus Cooper (UK), Marina Arriagada (Chile)*

**Speaker:** *Elaine Dennison (UK)*

- 17.00–19.00 **POSTER SESSION 2** (with wine and refreshments)
- 20.00 **CONFERENCE DINNER AT VENUE**  
**After-dinner speaker:** *Yedy Israel (Academy of Sciences, Chile)*

**DAY 4: SUNDAY 22ND NOVEMBER**

- 8.30–10.00 **PARALLEL SESSION 9**
- 9A Vascular development and its impact on later function and disease**  
**Chair:** *Luis Sobrevía (Chile), Jeremy Pearson (UK)*  
**Speaker:** *Colin Sibley (UK)*
- 9B Body composition during early life to assess the quality of growth (IAEA)**  
**Chair:** *Lena Davidsson (IAEA)*  
**Speaker:** *Alan Jackson (UK), Chittaranjan Yajnik (India), Kenneth Ellis (USA), Leigh Ward (Australia)*
- 9C Environmental chemicals and toxins in DOHaD**  
**Chair:** *John Rogers (USA), Catterina Ferreccio (Chile)*  
**Speaker:** *Jerry Heindel (USA)*
- 10.00–11.00 **TEA/COFFEE BREAK**
- 11.00–12.30 **PARALLEL SESSION 10**
- 10A Maternal micronutrient status and DOHaD**  
**Chair:** *Ada Cuevas (Chile), Nelly Zavaleta (Perú)*  
**Speaker:** *Lindsay Allen (USA)*
- 10B The programming of physical activity**  
**Chair:** *Giorgio Solimano (Chile), Pedro Hallal (Brazil)*  
**Speaker:** *Ulf Ekelund (UK)*
- 10C Developmental origins of mental health & psychiatric disease**  
**Chair:** *Katri Raikkonen (Finland), Gloria Larrabure (Perú)*  
**Speaker:** *Rebecca Reynolds (UK)*
- 12.30–13.00 **CLOSING CEREMONY**  
*Álvaro Erazo, Minister of Health (Chile)*
- 13:00 **CONFERENCE ENDS**