



VITAMIN D & HEALTH IN EUROPE: CURRENT AND FUTURE PERSPECTIVES

Tuesday 5th September

08.00 - 09.00 Registration and morning coffee

09.00 - 09.25 Opening address: **Professor Patrick G. O'Shea, President of University College Cork**

09.25 - 10.00 Invited keynote presentation: **Professor Susan Whiting, University of Saskatchewan, Canada**

10.00-12.30 Plenary Session 1– Dietary requirements for vitamin D

Chaired by Professor Camilla Trab Damsgaard and Dr Natasja van Schoor

The ODIN Individual Participant Data Level analyses of vitamin D dietary requirements for adults, and consideration of adult ethnic minorities

Professor Kevin Cashman, University College Cork, Ireland

Dietary requirements for vitamin D: Children & adolescents

Professor Susan Lanham-New, University of Surrey, UK

Dietary requirements for vitamin D: Pregnancy and infancy

Professor Mairead Kiely, University College Cork, Ireland

Dietary requirements for vitamin D: Consideration of sun and ethnic minorities

Professor Ann Webb, University of Manchester, UK

Promoted Abstracts

Interaction between vitamin D and parathyroid hormone in pregnancy and impact on perinatal outcomes

Ms Andrea Hemmingway, University College Cork, Ireland

Vitamin D bio-fortification of pork by exposing pigs to UVB light

Ms Line Lundbæk Barnkob, Danish Technical University, Denmark

12.30 - 13.30 Lunch and Poster-viewing Session

13.30-15.00 Plenary Session 2– Evidence base for food strategies for tackling inadequacy of vitamin D intake and status

Chaired by Professor Susan Whiting and Dr Jette Jakobsen

The case for vitamin D food fortification as an approach to tackle low vitamin D intakes, including regulatory aspects

Dr Mona S. Calvo, retired, US Food and Drug Administration, USA

Vitamin D food fortification: the Finnish experience as an exemplar for Europe

Professor Christel Lamberg-Allardt, University of Helsinki, Finland

An overview of the evidence from food-based dietary intervention studies, including data from the ODIN food RCT in vulnerable adults

Dr Rikke Andersen & Ms Ida Grønborg, Danish Technical University, Denmark

15.00 - 15.30 Coffee Break



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15.30-17.30 Special Workshop* – Novel food-based approaches for prevention of vitamin D deficiency

Chaired by Professor Manfred Eggersdofer (DSM Nutritional Products) and Dr Pamela Byrne (Food Safety Authority of Ireland)

*Co-jointly organised by the European Commission-funded ODIN project and Irish Department of Agriculture, Food and the Marine funded EnhancedD project

Bio-fortified eggs

Dr Aoife Hayes, University College Cork, Ireland

Bio-fortified beef and pork

Professor John O'Doherty, University College Dublin, Ireland

Consumer acceptability of bio-fortified meat and eggs

Dr Maurice O'Sullivan, University College Cork, Ireland

Vitamin D-enriched dairy foods

Dr Ellen van den Heuvel, FrieslandCampina, The Netherlands

Vitamin D-enriched cereals

Dr Toine Hulshof, Kellogg's, The Netherlands

UV-treatment of foods and animals as a vitamin D enrichment approach

Professor Kevin Cashman, University College Cork, Ireland & Dr Jette Jakobsen, Danish Technical University, Denmark

Dietary modelling of vitamin D & the importance of quality food composition data

Ms Sandrine Pigat, Creme Global, Ireland

Roundtable question and answer session with all speakers

19.00

Conference Dinner – Aula Maxima, University College Cork



FOOD-BASED SOLUTIONS
FOR OPTIMAL VITAMIN D NUTRITION
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Wednesday 6th September

09.30 – 10.05

Invited keynote presentation: **Professor Paul Lips, VU Medical Center Amsterdam, The Netherlands**

10.05-12.45 **Plenary Session 3– Adult Health**

Chaired by Professor Rolf Jorde and Professor Christopher Sempos

Vitamin D and selected non-skeletal health outcomes

Professor Lars Rejnmark, Aarhus University Hospital, Denmark

Where to go from here with vitamin D and health interventions

Dr Guri Grimnes, University of Tromsø, Norway

11.05 - 11.30 **Coffee Break**

Vitamin D in respiratory disease

Professor Adrian Martineau, Queen Mary University of London, UK

The continued need for standardisation of serum 25-hydroxyvitamin D in the post ODIN era

Professor Christopher Sempos, Office of Dietary Supplements, NIH, USA

Promoted Abstracts

The effects of vitamin D supplementation on markers for cardiovascular disease and diabetes mellitus: an individual participant data meta-analysis of randomized controlled trials

Dr Karin Swart, VU University Medical Center Amsterdam, The Netherlands

C3-epimerization of 25(OH)D3 increases with increasing serum 25(OH)D3 and shows high degree of tracking over time

Ms Julia Magdalena Kubiak, University of Tromsø, Norway

12.45 - 13.45 **Lunch and Poster-viewing Session**



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13.45-16.00 Plenary Session 4– Infant and Maternal Health

Chaired by Professor Mairead Kiely and Professor Lars Rejnmark

Vitamin D and pre-eclampsia

Professor Martin Hewison, University of Birmingham, UK

Update on vitamin D and perinatal outcomes

Professor Zulf Mughal, Royal Manchester Children's Hospital, UK

Update on vitamin D and paediatric bone and physical growth

Professor Nicholas Harvey, University of Southampton, UK

Promoted Abstracts

Maternal and neonatal vitamin D status and neurodevelopmental outcomes at age five years

Dr Elaine McCarthy, University College Cork, Ireland

Vitamin D supplementation to prevent asthma exacerbations: systematic review and meta-analysis of individual participant data

Dr David Joliffe, Queen Mary University of London, UK

Winter vitamin D3 supplementation does not increase muscle strength but modulates markers of the IGF-axis in young children

Ms Charlotte Mortensen, University of Copenhagen, Denmark

16.00 - 16.15 Conference close and prize-giving



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