



FOOD-BASED SOLUTIONS
FOR OPTIMAL VITAMIN D NUTRITION
AND HEALTH THROUGH THE LIFE CYCLE

International Conference on
University College Cork, Ireland



VITAMIN D & HEALTH IN EUROPE:
CURRENT AND FUTURE PERSPECTIVES

5th - 6th September 2017

Conference Programme

Tuesday 5th September

Day 1

- 08.00 - 09.00 Registration and morning coffee
- 09.00 - 09.25 Opening addresses: **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 <i>Chaired by Professor Camilla Trab Damsgaard and Dr Natasja van Schoor</i>
	<i>The ODIN Individual Participant Data Level analyses of vitamin D dietary requirements for adults, and consideration of adult ethnic minorities</i> [Professor Kevin Cashman, University College Cork, Ireland]
	<i>Dietary requirements for vitamin D: Children & adolescents</i> [Professor Susan Lanham-New, University of Surrey, UK]
	<i>Dietary requirements for vitamin D: Pregnancy and infancy</i> [Professor Mairead Kiely, University College Cork, Ireland]
	<i>Dietary requirements for vitamin D: Consideration of sun and ethnic minorities</i> [Professor Ann Webb, University of Manchester, UK]
	PROMOTED ABSTRACTS
	<i>Interaction between vitamin D and parathyroid hormone in pregnancy and impact on perinatal outcomes</i> [Ms. Andrea Hemmingway, University College Cork, Ireland]
	<i>Vitamin D bio-fortification of pork by exposing pigs to UVB light</i> [Ms. Line Lundbæk Barnkob, Danish Technical University, Denmark]

12.30 – 13.30 Day 1 Poster-viewing session and lunch

13.30 – 17.30	Plenary Session 2: Evidence-base for food strategies for tackling inadequacy of vitamin D intake and status and Special Workshop: Novel food-based approaches for prevention of vitamin D deficiency
	<u>Plenary Session 2: Evidence-base for food strategies</u> <i>Chaired by Professor Susan Whiting and Dr Jette Jakobsen</i>
	<i>The case for vitamin D food fortification as an approach to tackle low vitamin D intakes, including regulatory aspects</i> [Dr Mona S. Calvo, retired, US Food and Drug Administration, USA]
	<i>Vitamin D food fortification: the Finnish experience as an exemplar for Europe</i> [Professor Christel Lamberg-Allardt, University of Helsinki, Finland]
	<i>An overview of the evidence from food-based dietary intervention studies, including data from the ODIN food RCT in vulnerable adults</i> [Dr Rikke Andersen & Ms Ida Grønberg, Danish Technical University, Denmark]
	Coffee break
	<u>Special Workshop*: Novel food-based approaches for prevention of vitamin D deficiency</u> *Co-jointly organised by the European Commission-funded ODIN project and Irish Department of Agriculture, Food & the Marine funded EnhanceD project. <i>Chaired by Professor Manfred Eggersdorfer (DSM Nutritional Products) and Dr Pamela Byrne (Food Safety Authority of Ireland)</i>
	<ul style="list-style-type: none"> • <i>Biofortified eggs</i> [Dr Aoife Hayes, University College Cork, Ireland] • <i>Biofortified beef and pork</i> [Professor John O'Doherty, University College Dublin, Ireland] • <i>Consumer acceptability of biofortified meat and eggs</i> [Dr Maurice O'Sullivan, University College Cork, Ireland] • <i>Vitamin D-enriched dairy foods</i> [Dr Ellen van den Heuvel, FrieslandCampina, The Netherlands] • <i>Vitamin D-enriched cereals</i> [Dr Toine Hulshof, Kellogg's, The Netherlands] • <i>UV-treatment of foods and animals as a vitamin D enrichment approach</i> [Professor Kevin Cashman, University College Cork, Ireland & Dr Jette Jakobsen, Danish Technical University, Denmark] • <i>Dietary modelling of vitamin D & the importance of quality food composition data</i> [Ms Sandrine Pigat, Crème Global Nutrition, Ireland] • Roundtable question and answer session with all speakers

Conference Dinner

Wednesday 6th September

Day 2

09.45 - 10.05

Invited keynote presentation:

Professor Paul Lips, VU University Medical Center Amsterdam, The Netherlands

10.05 – 12.30	<p>Plenary Session 3: Adult health <i>Chaired by Professor Rolf Jorde and Professor Christopher Sempos</i></p>
	<p><i>Vitamin D and selected non-skeletal health outcomes</i> [Professor Lars Rejnmark, Aarhus University Hospital, Denmark]</p>
	<p><i>Where to go from here with vitamin D and health interventions</i> [Dr Guri Grimnes, University of Tromsø, Norway]</p>
	<p>Coffee break</p>
	<p><i>Vitamin D in respiratory disease</i> [Professor Adrian Martineau, Queen Mary University of London, UK]</p>
	<p style="text-align: center;">PROMOTED ABSTRACTS</p>
	<p><i>The effects of vitamin D supplementation on markers for cardiovascular disease and diabetes mellitus: an individual participant data meta-analysis of randomized controlled trials</i> [Dr Karin Swart, VU University Medical Center Amsterdam, The Netherlands]</p>
	<p><i>C3-epimerization of 25(OH)D₃ increases with increasing serum 25(OH)D₃ and shows high degree of tracking over time</i> [Ms. Julia Magdalena Kubiak, University of Tromsø, Norway]</p>
	<p><i>The continued need for standardisation of serum 25-hydroxyvitamin D in the post ODIN era</i> [Professor Christopher Sempos, Office of Dietary Supplements, NIH, USA]</p>

12.30 – 13.45

Day 2 Poster-viewing session and lunch

13.45 – 16.00	Plenary Session 4: Infant and maternal health <i>Chaired by Professor Mairead Kiely and Professor Lars Rejnmark</i>
	<i>Vitamin D and pre-eclampsia</i> [Professor Martin Hewison, University of Birmingham, UK]
	<i>Update on vitamin D and perinatal outcomes</i> [Professor Zulf Mughal, Royal Manchester Children’s Hospital, UK]
	<i>Update on vitamin D and paediatric bone and physical growth</i> [Professor Nicholas Harvey, University of Southampton, UK]
	<p style="text-align: center;">PROMOTED ABSTRACTS</p>
	<i>Maternal and neonatal vitamin D status and neurodevelopmental outcomes at age five years</i> [Dr Elaine McCarthy, University College Cork, Ireland]
	<i>Vitamin D supplementation to prevent asthma exacerbations: systematic review and meta-analysis of individual participant data</i> [Dr David Jolliffe, Queen Mary University of London, UK]
	<i>Winter vitamin D₃ supplementation does not increase muscle strength but modulates markers of the IGF-axis in young children</i> [Ms Charlotte Mortensen, University of Copenhagen, Denmark]

16.00 – 16.15 Conference close and prize-giving