



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

5<sup>th</sup> - 6<sup>th</sup> September 2017

# Conference Programme

Tuesday 5<sup>th</sup> 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	<b>Plenary Session 1: Dietary requirements for vitamin D</b> <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> <b>[Professor Kevin Cashman, University College Cork, Ireland]</b>
	<i>Dietary requirements for vitamin D: Children &amp; adolescents</i> <b>[Professor Susan Lanham-New, University of Surrey, UK]</b>
	<i>Dietary requirements for vitamin D: Pregnancy and infancy</i> <b>[Professor Mairead Kiely, University College Cork, Ireland]</b>
	<i>Dietary requirements for vitamin D: Consideration of sun and ethnic minorities</i> <b>[Professor Ann Webb, University of Manchester, UK]</b>
	<b>PROMOTED ABSTRACTS</b>
	<i>Interaction between vitamin D and parathyroid hormone in pregnancy and impact on perinatal outcomes</i> <b>[Ms. Andrea Hemmingway, University College Cork, Ireland]</b>
	<i>Vitamin D bio-fortification of pork by exposing pigs to UVB light</i> <b>[Ms. Line Lundbæk Barnkob, Danish Technical University, Denmark]</b>

12.30 – 13.30 Day 1 Poster-viewing session and lunch

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

**Conference Dinner: Aula Maxima, main grounds of University College Cork. There will be a drinks reception at 19.00 with dinner at 19.45.**

## Wednesday 6<sup>th</sup> September

### Day 2

09.30 - 10.05

Invited keynote presentation:

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

10.05 – 12.45	<b>Plenary Session 3: Adult health</b> <i>Chaired by Professor Rolf Jorde and Professor Christopher Sempos</i>
	<i>Vitamin D and selected non-skeletal health outcomes</i> <b>[Professor Lars Rejnmark, Aarhus University Hospital, Denmark]</b>
	<i>Where to go from here with vitamin D and health interventions</i> <b>[Dr Guri Grimnes, University of Tromsø, Norway]</b>
	<b>Coffee break</b>
	<i>Vitamin D in respiratory disease</i> <b>[Professor Adrian Martineau, Queen Mary University of London, UK]</b>
	<b>PROMOTED ABSTRACTS</b>
	<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> <b>[Dr Karin Swart, VU University Medical Center Amsterdam, The Netherlands]</b>
	<i>C3-epimerization of 25(OH)D<sub>3</sub> increases with increasing serum 25(OH)D<sub>3</sub> and shows high degree of tracking over time</i> <b>[Ms. Julia Magdalena Kubiak, University of Tromsø, Norway]</b>
	<i>The continued need for standardisation of serum 25-hydroxyvitamin D in the post ODIN era</i> <b>[Professor Christopher Sempos, Office of Dietary Supplements, NIH, USA]</b>

12.45 – 13.45

Day 2 Poster-viewing session and lunch

13.45 – 16.00	<b>Plenary Session 4: Infant and maternal health</b> <i>Chaired by Professor Mairead Kiely and Professor Lars Rejnmark</i>
	<i>Vitamin D and pre-eclampsia</i> <b>[Professor Martin Hewison, University of Birmingham, UK]</b>
	<i>Update on vitamin D and perinatal outcomes</i> <b>[Professor Zulf Mughal, Royal Manchester Children’s Hospital, UK]</b>
	<i>Update on vitamin D and paediatric bone and physical growth</i> <b>[Professor Nicholas Harvey, University of Southampton, UK]</b>
	<b>PROMOTED ABSTRACTS</b>
	<i>Maternal and neonatal vitamin D status and neurodevelopmental outcomes at age five years</i> <b>[Dr Elaine McCarthy, University College Cork, Ireland]</b>
	<i>Vitamin D supplementation to prevent asthma exacerbations: systematic review and meta-analysis of individual participant data</i> <b>[Dr David Jolliffe, Queen Mary University of London, UK]</b>
	<i>Winter vitamin D<sub>3</sub> supplementation does not increase muscle strength but modulates markers of the IGF-axis in young children</i> <b>[Ms Charlotte Mortensen, University of Copenhagen, Denmark ]</b>

**16.00 – 16.15** Conference close and prize-giving