

# 2025 VITAMIN D WORKSHOP

## CONCISE PROGRAM GUIDE



### 2025 CONFERENCE ORGANIZERS

John White, PhD – Scientific Chair

Carlos Bernal-Mizrachi, MD – Co-Chair

Carmen Reynolds, PhD – Co-Chair

James Fleet, PhD – Vitamin D Workshop President

JoEllen Welsh, PhD – Vitamin D Workshop CFO

*[www.vitaminDworkshop.org](http://www.vitaminDworkshop.org)*



## GENERAL INFORMATION

**Conference Venue:** Scientific sessions begin on Wednesday June 25<sup>th</sup> at 8AM in New Residence Hall (3625 Park Ave/Avenue du Parc), Montreal. The entrance doors accessed via the circular driveway on Park Avenue will be open beginning at 7AM. This former hotel operated by McGill University has full conference facilities on the Lower Conference Level C where the Vitamin D Workshop registration desk will be located. The scientific sessions will take place in the Prince Arthur Ballroom (Rm C-17) while Poster Sessions will be in the Salle du Parc conference room (Rm C-14). There is cell service and wifi throughout the venue.

**Wifi Access & Conference Website:** This program guide will be in your attendee packet, and full access to abstracts will be via our website. Bookmark <https://vdw.swoogo.com/vdw2025/program> for access to podium presentation abstracts. Poster abstracts are available here <https://vdw.swoogo.com/vdw2025/posters>. You may use your personal login or universal passcode VDW2025 to login. Instructions for accessing McGill university wifi in the conference center are at <https://www.mcgill.ca/it/support/forms/quest-wifi>.

**Welcome Reception:** Please join us for a Welcome Reception on the evening of Tuesday June 24<sup>th</sup> from 6 to 8 pm on the Jardin Milton (terrace) at the Delta Hotel (475 President Kennedy Ave, Montreal) for a chance to catch up with your Vitamin D Workshop friends. Finger food and drinks will be served and there will be a cash bar. All delegates and their registered accompanying guests are cordially invited.

**Early Career Networking Social:** After the Welcome Reception on Tuesday, June 24<sup>th</sup>, junior scientists are invited to a Networking Social at Les 3 Brasseur McGill (732 Saint-Catherine St W., Montreal). The event is withing walking distance of the Delta hotel and will run from 8:30-9:30PM.

**Poster Sessions:** There will be three poster viewing opportunities during the Workshop. Poster boards will be numbered. The board numbers assigned to each abstract are listed in the program book and will be posted in the display rooms. Push pins will be provided.

- *Plenary Posters* will be highlighted in the Prince Arthur Ballroom and will remain up for the duration of the Workshop. Plenary Posters (P1-P10) may be put up on the morning of Wednesday (June 25) between 8:00 – 10:00 AM and removed on Friday between 1:00 – 2:00 PM.
- *General Poster Sessions* will be held during the lunch breaks on Wednesday (June 25) and Thursday (June 26). Posters will be displayed in New Residence Hall room C-14 (Salle du Parc Conference Room). Session I posters may be put up on Wednesday morning before 10:00 AM and removed by 6:00 PM. Session II posters may be put up on Thursday morning before 10:00 AM and removed by 6:00 PM. Poster boards will be numbered, check your poster number in the program book or on-site prior to posting.
- Please note that any posters remaining after the session will be removed and set aside. If not picked up by Friday noon they will be discarded.

**Lunches and Nutrition Breaks:** Morning and afternoon breaks (coffee/tea/light snacks) will be available in the foyer. Lunches will be provided during the poster sessions.

**Networking Event:** Attendees with tickets for the Cirque de Soleil event will meet outside of New Residence Hall at 5:45PM on Wednesday for transportation by bus to the venue. After the show, buses will depart at 9:30PM to return to New Residence Hall and/or the Delta Hotel. For those driving, complimentary parking is at the Clock Tower Pier (<https://maps.app.goo.gl/8T4my48R3thocsrAA>). Scan the QR code on your VIP ticket to enter, turn left, go down to the lower level and follow the signs to the VIP parking area. To exit, scan the QR code on the VIP ticket again at any exit gate.

## TIMETABLE AT A GLANCE

### **TUESDAY EVENING JUNE 24, 2025**

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|-------------|---|
| 6:00 – 8:00 | <b>Welcome Reception</b> , DELTA Hotel, Jardin Milton (OPUS2 if raining)<br>475 President Kennedy Ave, Montreal (for all registered attendees and guests) |
| 8:30 - 9:30 | <b>Early Career Networking Event</b> , Les 3 Brasseur McGill, 732 Saint-Catherine St. W<br>Montreal (for Fellows, Students, Junior Faculty)               |

#### **PLEASE NOTE:**

**Scientific sessions (Wednesday - Friday) will be held in  
New Residence Hall, 3625 Park Ave, Montreal**

### **WEDNESDAY JUNE 25, 2025**

- |              |  |
|--------------|--|
| 8:00 – 9:15  | <b>Morning General Session</b> <ul style="list-style-type: none"> <li>• Welcome and Opening remarks</li> <li>• Session 1: Invited Plenary Lectures</li> <li>• Session 2: Vitamin D: Immunity</li> <li>• Session 3: Vitamin D and Cancer</li> </ul> |
| 12:15 – 2:15 | <b>Poster Session I with Lunch</b>   |
| 2:15 – 5:25  | <b>Afternoon General Session</b> <ul style="list-style-type: none"> <li>• Session 4: Vitamin D and Pregnancy</li> <li>• Session 5: Vitamin D and Post-Pregnancy</li> </ul>   |
| 5:45 – 9:30  | <b>Networking Event at Cirque du Soleil</b>  |

### **THURSDAY JUNE 26, 2025**

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|--------------|--|
| 8:00 – 5:00  | <b>Plenary Poster Viewing</b>  |
| 8:00 – 12:05 | <b>Morning General Session</b> <ul style="list-style-type: none"> <li>• Session 6: Vitamin D, Calcium and Bone</li> <li>• Session 7: Vitamin D: Neurophysiology</li> <li>• Session 8: Vitamin D Status in Health and Disease</li> </ul>                        |
| 12:05 – 2:05 | <b>Poster Session II with Lunch</b>  |
| 2:05 – 5:15  | <b>Afternoon General Session</b> <ul style="list-style-type: none"> <li>• Session 9A: Vitamin D and Chronic Metabolic Disease I</li> <li>• Session 9B: Vitamin D and Chronic Metabolic Disease II</li> <li>• Session 10: Clinical Trials Open Forum</li> </ul> |
| 5:15 – 5:30  | <b>Awards Ceremony</b>   |

### **FRIDAY JUNE 27, 2024**

- |               |   |
|---------------|---|
| 8:00 – 12:00  | <b>Plenary Poster Viewing</b>   |
| 9:30 – 11:40  | <b>Morning General Session</b> <ul style="list-style-type: none"> <li>• Session 11: Vitamin D Metabolites</li> <li>• Session 12: Genomic Actions of vitamin D</li> <li>• Session 13: Vitamin D and Kidney Physiology</li> </ul> |
| 11:40 – 12:00 | <b>Closing Remarks</b>  |

## DETAILED SCIENTIFIC PROGRAM

### Tuesday, June 24 – Welcome Reception (DELTA Montreal Hotel)

6:00 – 8:00 PM	<i>Badge Pick-Up &amp; Welcome Reception</i> , Delta Montreal Hotel, Jardin Milton (OPUS2 if raining) 475 President Kennedy Ave, Montreal (for all registered attendees and guests)
8:30 – 9:30 PM	<i>Early Career Networking Event</i> , Les 3 Brasseur McGill, 732 Saint-Catherine St. W Montreal (for Fellows, Students, Junior Faculty)

### Wednesday, June 25 – Scientific Sessions (Prince Arthur Ballroom A)

8:00 - 8:15 AM	<b>Opening Remarks:</b> John White, Carlos Bernal-Mizrachi, Carmen Reynolds
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### 8:00 – 5:00 PM Plenary Posters on Display in Prince Arthur Ballroom B

#### SESSION 1: Welcome Plenary Lectures (Chairs: John White, Carlos Bernal-Mizrachi, Carmen Reynolds)

8:15 - 8:45 AM	The Vitamin D and OMEGA-3 trial (VITAL): Update	JoAnn Manson, Brigham and Women's Hospital/Harvard Medical School
8:45 - 9:15 AM	Forty years later: why do immune cells have vitamin D receptors?	Margherita Cantorna, Penn State University

#### SESSION 2: Vitamin D - Immunology (Chairs: Margherita Cantorna, John White)

9:15 - 9:40 AM	Vitamin D signaling during thymic development and aging: implications for autoimmunity	Patricio Artusa, McGill University
9:40 - 10:05 AM	Genomics of vitamin D and asthma	Scott Weiss, Brigham and Women's Hospital
10:05 - 10:20 AM	Impact of serum vitamin D status and supplementation on inflammatory biomarkers in preschoolers with asthma: the DIVA randomized clinical trial.	Asmae El Abd, CHU Sainte Justine Research Center
10:20 - 10:35 AM	Relationship between vitamin D status and COVID-19 severity: does vitamin D help protect against severe COVID-19 illness?	Ami Grunbaum, Research Institute, McGill University Health Centre

#### Coffee Break

#### SESSION 3: Vitamin D and Cancer (Chairs: JoEllen Welsh, Lina Zgaga)

10:55 - 11:20 AM	New insights into vitamin D signaling in prostate cancer	Gilles Laverny, Institute of Genetics, Molecular and Cellular Biology
11:20 - 11:45 AM	Vitamin D and SIRT1: An epigenetic twist at the crossroads of diabetes and colon cancer	Custodia Garcia Jimenez, University Rey Juan Carlos
11:45 - 12:00 PM	Deletion of vitamin D receptor with calcium sensing receptor in keratinocytes promotes epidermal tumorigenesis by limiting DNA repair and oxidative stress response genes with changes in tumor p53 signaling	Dan Bikle, VA Medical Center, UCSF
12:00 - 12:15 PM	Vitamin D deficiency leads to a proinflammatory microenvironment in the prostate that supports carcinogenesis	Adriana Duraki, University of Illinois Chicago
12:15 - 2 :15 PM	<b>POSTER SESSION I AND LUNCH – Salle du Parc Conference Room C-14</b>	

Wednesday afternoon – Thursday morning

**SESSION 4: Vitamin D and Pregnancy (Chairs: Carlos Bernal Mizrahi, Augusto Litonjua)**

2:15 – 2:40 PM	Vitamin D supplementation on placental vitamin D metabolism and neonatal vitamin D status: GRAVITD Trial	Anna Louise Vestergaard, Aarhus University
2:40 - 3:05 PM	Revisiting the vitamin D needs of the pregnant woman: deciphering fact from fiction	Carol Wagner, Medical University of South Carolina
3:05 - 3:20 PM	Eight years of insight: the impact of vitamin D deficiency on preterm birth (January 2016-March 2024)	Anjali Borsum, Medical University of South Carolina
3:20 - 3:35 PM	Plasma 25(OH)D as better vitamin D predictor of preterm birth in a cohort of pregnant black women	Jennifer Woo, University of Texas at Arlington

*Coffee Break*

**SESSION 5: Vitamin D and Post-Pregnancy (Chairs: Carol Wagner, Jennifer Woo)**

3:55 - 4:20 PM	New considerations for the sulfated vitamin D metabolites in milk	Carmen Reynolds, Mayo Clinic
4:20 – 4:45 PM	Prenatal vitamin D, childhood asthma and lung function – results from the vitamin D antenatal asthma reduction trial (VDAART)	Augusto Litonjua, University of Rochester Medical Center
4:45 – 5:00 PM	Vitamin D and its role in human milk oligosaccharide production in secretor mothers	Molly Mead, Medical University of South Carolina
5:00 – 5:15 PM	Evaluating nutrient provision for preschoolers: the 2019 Canada's Food Guide and 2023 vitamin D fortification strategies in childcare meals	Sarah Finch, University of Prince Edward Island

**Thursday, June 26 – Scientific Sessions (Prince Arthur Ballroom A)**

**8:00 – 5:00 PM Plenary Posters on Display in Prince Arthur Ballroom B**

**SESSION 6: Vitamin D, Calcium and Bone (Chairs: David Goltzman, Daniela Rovito)**

8:00 – 8:25 AM	Calcitriol and fetal mineral homeostasis: less is better than more	Christopher Kovacs, Memorial University of Newfoundland
8:25 - 8:50 AM	Vitamin D mediated regulation of bone mineralization	James Fleet, University of Texas at Austin
8:50 - 9:05 AM	Vitamin D receptor ablation in mature osteoblasts causes hyperparathyroidism, hypervitaminosis D and osteomalacia during dietary calcium and phosphorus restriction	Paul Anderson, University of South Australia
9:05 - 9:20 AM	1,25-Dihydroxyvitamin D promotes bone formation via M2 macrophage-derived small extracellular vesicles	XueYang Cai, The Second Xiangya Hospital of Central South University

**SESSION 7: Vitamin D and Neurophysiology (Chairs: Carmen Reynolds, JoEllen Welsh)**

9:20 - 9:45 AM	Vitamin D in major depressive disorder: current evidence, possible molecular mechanisms and future prospects	Ana Lúcia Severo Rodrigues, Universidade Federal de Santa Catarina
9:45 - 10:10 AM	Vitamin D and dementia – results from the UK Biobank study	Sha Sha, German Cancer Research Center (DKFZ)

*Coffee Break*

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Thursday morning -Thursday afternoon

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**SESSION 8: Vitamin D Status in Health and Disease (Chairs: Chris Kovacs, Gilles Laverny)**

10:30 - 10:55 AM	Alterations of vitamin D metabolism and requirements in clinical conditions and critical illness	Inez Schoenmakers, University of East Anglia
10:55 - 11:20 AM	Exercise- a unique role for vitamin D metabolism and status?	Dylan Thompson, University of Bath
11:20 - 11:35 AM	From autosomal recessive hypercalcemia pathophysiology to selective therapeutic options	Daniela Rovito, Institute of Genetics, Molecular and Cellular Biology
11:35 - 11:50 AM	Intestinal homeostasis in calcitriol-mediated hypercalcemia	Noé Pierrat, Institute of Genetics, Molecular and Cellular Biology
11:50 - 12:05 PM	Genetic mechanisms drive discordance between calcidiol and calcitriol	Folami Ideraabdullah, University of North Carolina at Chapel Hill

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12:05 – 2:05 PM **POSTER SESSION II AND LUNCH– Salle du Parc Conference Room C-14**

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**SESSION 9A: Vitamin D and Chronic Metabolic Disease I (Chairs: Martin Kaufmann, Dylan Thompson)**

2:05 - 2:30 AM	Vitamin D and Type 2 Diabetes	Anastassios Pittas, Tufts Medical Center
2:30 - 2:45 PM	Protective effect of preconception high dose vitamin D3 supplementation in gestational diabetes mellitus rats via modulation of placental LCPUFA metabolism, once carbon cycle components, inflammation, oxidative stress and angiogenesis	Anindita Nandi, Sardar Patel University, V V Nagar, Gujarat
2:45 - 3:00 PM	Activation of VDR suppresses hepatic stellate cell activation and liver fibrosis by reprogramming fatty acid metabolism	Nani Wang, Tongde Hospital of Zhejiang Province

*Coffee Break*

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**SESSION 9B: Vitamin D and Chronic Metabolic Disease II (Chairs: Kimberly O'Brien, Inez Schoenmakers)**

3:20 – 3:45 PM	Vitamin D regulation of immunity and its impact on hypertension: unraveling the link	Carlos Bernal-Mizrachi, Washington University
3:45 – 4:00 PM	Vitamin D status as a biomarker of perceived stress in pregnancy: a post-hoc analysis of the Kellogg pregnancy vitamin D study	Maya Andrade, Medical University of South Carolina
4:00 – 4:15 PM	A novel nuclear delivery strategy for the curative treatment of COPD using 1,25-Dihydroxyvitamin D3 and lipid nanoparticle	Tomomi Akita, Tokyo University of Science

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**SESSION 10: Clinical Trials Open Forum (Chair: Dan Bikle)**

4:15 – 4:35 PM	Why did we end up having so few vitamin D answers?	Rolf Jorde, UiT Arctic University of North Norway
4:35 – 4:55 PM	Panel Responses	Dan Bikle, JoAnn Manson, Anastassios Pittas, Glenville Jones
4:55 – 5:15 PM	Open Q&A	

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Friday morning

**Friday, June 27– Scientific Sessions (Prince Arthur Ballroom A)**

**8:00 – 5:00 PM Plenary Posters on Display in Prince Arthur Ballroom B**

**SESSION 11: Vitamin D Metabolites (Chair: Chris Sempos)**

8:00 – 8:25 AM	Vitamin D: Analytical advances, clinical impact and ongoing debates on health perspectives (ZOOM)	Annemieke Heijboer, VU University Medical Center
8:25 - 8:50 AM	Is there a value to measuring other vitamin D metabolites besides 25(OH)D?	Glenville Jones, Queen's University
8:50 - 9:05 AM	From maternal to neonatal vitamin D metabolism: progressive changes in 3-epimerization and 24-hydroxylation in preterm infants	Martin Kaufmann, Queen's University
9:05 - 9:20 AM	3-EPI-25-hydroxyvitamin D3 interference in assays for the measurement of 25-hydroxyvitamin D3	Alex Shaw, DEQAS, Imperial College NHS Trust

*Coffee Break*

**SESSION 12: Genomic Actions of Vitamin D (Chairs: Jim Fleet, Moray Campbell)**

9:40 – 10:05 AM	Genomic control of vitamin D metabolism by FGF23, evidence at the single cell level	Ken White, Indiana University School of Medicine
10:05 – 10:30 AM	CYP24A1 genomic architecture dictates tissue specific control	Mark Meyer, University of Wisconsin-Madison
10:30 – 10:45 AM	The interplay between hormonal vitamin D and bacterial lipopolysaccharide signaling in regulation of neutrophil function	Aiten Ismailova, McGill University
10:45 - 11:00 AM	Superagonism of a vitamin D receptor agonist/histone deacetylase inhibitor hybrid molecule	Fatemeh Sarmadi, McGill University
11:00 - 11:15 AM	Vitamin D receptor A, rather than B1, activation inhibits proliferation of hepatoma cells by suppressing YAP activation	Ping Wang, Fujian Medical University

**SESSION 13: Vitamin D and Renal Physiology (Chairs: Todd Alexander, Mark Meyer)**

11:15 - 11:40 AM	Intestinal CYP24A1 regulates vitamin D locally independent of systemic regulation by renal CYP24A1 in mice	Myles Wolf, Weill Cornell Medicine
11:40-12:00 PM	Closing Remarks	John White, Carlos Bernal-Mizrachi, Carmen Reynolds

**PLENARY POSTERS**  
**PRINCE ARTHUR BALLROOM B**  
**(ON DISPLAY THROUGHOUT THE MEETING)**

POSTER NUMBER	PRESENTER	SUBMISSION TITLE
P1	Moray Campbell, Cedars-Sinai Medical Center	The chromatin remodeler SMARCA5 selectively enhances vitamin D receptor signaling in African American prostate cancer
P2	Amanda Lima Deluque, University of Alberta	Minimally disrupted calcium homeostasis in CLAUDIN12-/-/TRPV6D541A/D541A mice is due to TRPV5-mediated compensation in the large intestine
P3	James Fleet, University of Texas at Austin	Aging reduces the induction of CYP24A1 in two key vitamin D target tissues, intestine and kidney
P4	Mengzhu Tang, Pennsylvania State University	Vitamin D receptor deficiency and parathyroid hormone treatments delay influenza virus clearance and exacerbate respiratory symptoms in mice
P5	Dengshun Miao, Nanjing Medical University	Active vitamin D deficiency and 1 $\alpha$ (OH)ASE decline: mechanistic insights into the ineffectiveness of vitamin D supplementation in the elderly
P6	Jiarong Li, McGill university	CYP24A1 ablation in MMTV-CRE/MTMG mice suppresses mammary cancer stem cell markers and inhibits tumor growth in the MMTV-PYMT model
P7	Jennifer Woo, University of Texas at Arlington	Plasma 25(OH)D levels influence DNA methylation status of interleukin-6 and correlates with gestational age at birth

**POSTER SESSION I**  
**SALLE DU PARC CONFERENCE ROOM C-14**  
**WEDNESDAY JUNE 25**  
**12:15 – 2:15**

NUMBER & TITLE	PRESENTER
<b>Poster 1</b> - $1\alpha,25(\text{OH})_2\text{D}_3$ modulates the radiosensitivity of hypoxic tumor cells through the VDR/VHL/HIF-1 $\alpha$ signaling pathway	Bingyan Li, Soochow University
<b>Poster 2</b> – Beyond calcitriol regulation: FGF23 as a novel modulator of hepatic stellate cell activation	Anika Nier, Martin Luther University Halle-Wittenberg
<b>Poster 3</b> – Both high sitting and low physical activity rates are associated with low serum 25-hydroxyvitamin D levels in a free-living population in Macau, China	Kaye Brock, University of North Texas
<b>Poster 4</b> – Design of new vitamin D receptor ligands for BNCT	Miguel A. Maestro Saavedra, Universidade da Corunha
<b>Poster 5</b> - DGAT1-mediated lipid droplet reprogramming as a novel anti-tumor mechanism of vitamin D in ovarian cancer	Jie Li, Soochow University
<b>Poster 6</b> – Dose and baseline 25(OH)D moderate the effect of vitamin D fortified foods on serum 25(OH)D: a meta-analysis and meta-regression	Emily Brown, University of Surrey, FoodBioSystems DTP
<b>Poster 7</b> – Dose titration improves intact parathyroid hormone (iPTH) control with extended release calcifediol (ERC) in chronic kidney disease (CKD)	Charles Bishop, OPKO Health, Renal Division
<b>Poster 8</b> – Gene expression analysis of newly identified chicken CYP27B1 in the lymphoid system	Kathrin Buehler, Herbonis Animal Health GmbH
<b>Poster 9</b> – Illuminating new pathways: ionizing radiation and its impact on vitamin D synthesis	Julia Kuehn, Martin Luther University
<b>Poster 10</b> – Impact of a targeted vitamin D supplementation policy on athlete health and stress fracture prevention	Vincent Arriola, Keck School of Medicine of USC

**POSTER SESSION I**  
**SALLE DU PARC CONFERENCE ROOM C-14**  
**WEDNESDAY JUNE 25**  
**12:15 – 2:15**

NUMBER & TITLE	PRESENTER
<b>Poster 11</b> - Knock-in point mutation at SER265 on the Retinoid x Receptor $\alpha$ (RXR $\alpha$ ) locus increases bone marrow fat and decreases bone strength in mice.	Jiarong Li, McGill University
<b>Poster 12</b> - Metabolic activation of lumisterol to biologically active metabolites and their mechanism of action	Andrzej Slominski, University of Alabama at Birmingham
<b>Poster 13</b> - Roles of VDR in osteoblast lineage cells for increased sclerostin circulation and decreased bone formaion in a hypervitaminosis D and a CKD mouse model	Yuko Nakamichi, Matsumoto Dental University
<b>Poster 14</b> - Sclerostin but not Dickkopf-related protein 1 predicts bone mass and markers of bone turnover in older adults	Inez Schoenmakers, University of East Anglia
<b>Poster 15</b> - Shining light on mushrooms: bioavailability and metabolism of vitamin D2 and its photoisomers in humans	Franz Ewendt, Martin Luther University Halle-Wittenberg
<b>Poster 16</b> - The role of vitamin D signaling in thymic dendritic cell function and immune tolerance	Bahar Rouzbahani, McGill University
<b>Poster 17</b> - Transcriptomic analysis of the response of the MLO-a5, early osteocyte cells line to 1,25(OH)2D.	James Fleet, University of Texas at Austin
<b>Poster 18</b> - Vitamin D and FGF23 metabolism in growing children	Inez Schoenmakers, University of East Anglia
<b>Poster 19</b> - Vitamin D levels and finite element analysis-derived bone stiffness in healthy young women	John Wark, University of Melbourne

**POSTER SESSION II**  
**SALLE DU PARC CONFERENCE ROOM C-14**  
**THURSDAY JUNE 26**  
**12:05 – 2:05**

<b>NUMBER &amp; TITLE</b>	<b>PRESENTER</b>
<b>Poster 1</b> – A DEQAS review of current performance of assays for the measurement of 1,25-dihydroxyvitamin D	Emma Williams, Imperial College Healthcare NHS Trust
<b>Poster 2</b> - Association between vitamin D and iron nutritional status: cross-sectional analysis of the UK National Diet and Nutrition Survey (NDNS)	Emily Brown, University of Surrey, FoodBioSystems DTP
<b>Poster 3</b> - Cardio-metabolic risk factors associated with low serum 25-hydroxy-vitamin D among a free-living population in Macau, China	Elias Mpofu, University of North Texas
<b>Poster 4</b> - Correlation and consistency between two detection methods for serum 25 hydroxyvitamin D levels in human venous blood and capillary blood	Wang Kaixi, The Second Hospital of Hebei Medical University
<b>Poster 5</b> - Detecting the phenotypic effect of rickets in human molars	Susanna Sova, University of Helsinki
<b>Poster 6</b> - Influence of tachysterol 2 on key factors of the intestinal calcium transport system	Franz Ewendt, Martin Luther University Halle-Wittenberg
<b>Poster 7</b> - Investigating seasonal variation in vitamin D3 and 7-DHC in fish from the North sea	Samir Hobloss, DTU fødevareinstituttet
<b>Poster 8</b> - Profiling vitamin D and opioid use disorder risk in older autistic adults	Kayi Ntinda, University of Texas Rio Grande Valley
<b>Poster 9</b> - Serum vitamin D levels in relation to coffee consumption among Saudi adults	Noor Hakim, King Abdulaziz University

**POSTER SESSION II**  
**SALLE DU PARC CONFERENCE ROOM C-14**  
**THURSDAY JUNE 26**  
**12:05 – 2:05**

NUMBER & TITLE	PRESENTER
<b>Poster 10</b> - Sunshine or vitamin D? A cohort study exploring the relative contributions of annual ambient erythemal UV and vitamin D on colorectal cancer risk	Lina Zgaga, Trinity College Dublin
<b>Poster 11</b> - Vitamin D cured tuberculosis infections from the 1800's through the 1940's, controlled asthma, psoriasis, & rheumatoid arthritis in the 1930's, & remains safe for treating these and other diseases with adequate dosing and monitoring. A review.	Patrick McCullough, Summit Behavioral Healthcare
<b>Poster 12</b> - Vitamin D deficiency in Mongolian pregnant women	Tserendolgor Uush, New Medical University, Ulaanbaatar, Mongolia
<b>Poster 13</b> - Vitamin D dynamics during pregnancy: investigating the interplay between stage of gestation, adiposity, and DBP genotype	Kimberly O'Brien, Cornell University
<b>Poster 14</b> - Impact of diet and DBP on vitamin D accumulation in mammary gland and tumors	JoEllen Welsh, State University of New York at Albany
<b>Poster 15</b> - Vitamin D pathway genomics and actions in breast cancer	JoEllen Welsh, State University of New York at Albany
<b>Poster 16</b> - Vitamin D prescribing review	Saarah Raja, NHS
<b>Poster 17</b> - Was Galen right that melancholia was a cancer risk factor? Was vitamin D deficiency a problem in urban Rome and explains the link between mental ill health and cancer today?	Tim Oliver, Barts Cancer Institute

**2025 AWARD RECIPIENTS  
AWARD CEREMONY THURSDAY AT 5:15  
PRINCE ARTHUR BALLROOM A**

<b>TONY NORMAN AWARDS</b> (SPONSORED BY NIH AND ORIMED PHARMA)		
Fellow	Amanda Lima Deluque	Minimally disrupted calcium homeostasis in CLAUDIN12-/-/TRPV6D541A/D541A mice is due to TRPV5-mediated compensation in the large intestine.
Graduate Student	Aiten Ismailova	The interplay between hormonal vitamin D and bacterial lipopolysaccharide signaling in regulation of neutrophil function.
<b>CELLS AND NUTRIENTS JOURNAL AWARDS</b> (SPONSORED BY MDPI JOURNALS)		
NUTRIENTS	Maya Andrade	Vitamin D status as a biomarker of perceived stress in pregnancy: a post hoc analysis of the Kellogg pregnancy vitamin D study.
CELLS	Adriana Duraki	Vitamin D deficiency leads to a proinflammatory microenvironment in the prostate that supports carcinogenesis.
<b>LUXA-D AWARDS</b> (SPONSORED BY ORIMED PHARMA)		
LUXA-D Abstract Award	Asmae El Abd	Impact of serum vitamin D status and supplementation on inflammatory biomarkers in preschoolers with asthma: the DIVA randomized clinical trial.
LUXA-D Abstract Award	Fatemeh Sarmadi	Superagonism of a vitamin D receptor agonist/histone deacetylase inhibitor hybrid molecule.
<b>TRAINEE TRAVEL AWARDS</b> (SPONSORED BY NIH)		
Trainee Travel Award	Anjali Borsum	Eight years of insight: the impact of vitamin D deficiency on preterm birth (January 2016-March 2024).
Trainee Travel Award	Julia Kuehn	Illuminating new pathways: ionizing radiation and its impact on vitamin D synthesis.
Trainee Travel Award	Jie Li	DGAT1-mediated lipid droplet reprogramming as a novel anti-tumor mechanism of vitamin D in ovarian cancer
Trainee Travel Award	Molly Mead	Vitamin D and its role in human milk oligosaccharide production in secretor mothers.
Trainee Travel Award	Anindita Nandi	Protective effect of preconception high dose vitamin D3 supplementation in gestational diabetes mellitus rats via modulation of placental LCPUFA metabolism, one carbon cycle components, inflammation, oxidative stress and angiogenesis.
Trainee Travel Award	Noé Pierrat	Intestinal homeostasis in calcitriol-mediated hypercalcemia

## CONFERENCE PROCEEDINGS



### INSTRUCTIONS TO AUTHORS JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY SPECIAL ISSUE ON THE 26<sup>TH</sup> VITAMIN D WORKSHOP

The Journal of Steroid Biochemistry and Molecular Biology (JSBMB) will publish a Special Issue of peer-reviewed manuscripts describing research presented at the 26<sup>th</sup> Vitamin D Workshop. All workshop delegates who present a promoted talk or a poster at the Workshop are encouraged to submit a full-length manuscript to the Special Issue. Manuscripts must contain previously unpublished work based on the conference presentation. Authors are encouraged to be succinct. Only Invited Speakers, who are encouraged to provide a manuscript summarizing their platform presentation, may submit review articles. Please refer to the online JSBMB *Guide for Authors* at <https://www.sciencedirect.com/journal/the-journal-of-steroid-biochemistry-and-molecular-biology/publish/guide-for-authors> for detailed submission instructions.

Please note that all manuscripts submitted for the Special Issue will be peer-reviewed according to standard JSBMB criteria and therefore acceptance is not guaranteed. Manuscripts must be original publications thereby precluding submission of data that has been published or is accepted for publication elsewhere without the permission of the JSBMB editors. Please note that a plagiarism check for duplicate content is standard practice at the journal.

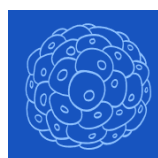
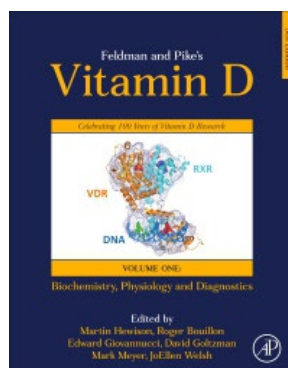
**Manuscripts for the Vitamin D Workshop Special Issue must be submitted electronically.**

- Deadline for on-line submissions for the Special Issue is **November 17, 2025**.
- The manuscripts must be uploaded via the “Submit your article” link on the JSBMB homepage <https://www.sciencedirect.com/journal/the-journal-of-steroid-biochemistry-and-molecular-biology>
- During the submission process, authors must “Select Article Type” “**VSI: 2025 Vitamin D Workshop**” from the dropdown menu. This will indicate that the manuscript is to be considered for publication in the Special Issue of the 26<sup>th</sup> Vitamin D Workshop.

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