

# 2017 Awards

## YOUNG INVESTIGATOR AWARD

Erica W. Mandell, University of Colorado School of Medicine, USA  
FETAL VITAMIN D DEFICIENCY IMPAIRS LUNG STRUCTURE AND INCREASES SUSCEPTIBILITY TO  
HYPEROXIA INJURY IN THE DEVELOPING RAT

## TRAINEE TRAVEL AWARDS

Brittany Bunch, Roswell Park Cancer Institute, USA (Mentor: Candace Johnson, PhD)  
VITAMIN D<sub>3</sub> CAN INCREASE AND PROLONG THE RESPONSE TO CISPLATIN THERAPY IN BLADDER CANCER  
THROUGH VDR AND TAP73 SIGNALING CROSSTALK

Brian Chapron, University of Washington, USA (Mentor: Kenneth Thummel, PhD)  
CHARACTERIZATION OF THE ROLE OF MEGALIN IN THE REGULATION OF VITAMIN D HOMEOSTASIS

Chloe Cheng, The University of Western Australia, Australia (Mentor: Robert Tuckey, PhD)  
CHARACTERIZATION OF CYP2R1, A VITAMIN D 25-HYDROXYLASE, IN A MEMBRANE ENVIRONMENT

Brian DeFelice, University of California, Davis, USA (Mentor: Oliver Fiehn, PhD)  
A SINGLE LC-MS/MS METHOD FOR SEPERATION AND QUANTIFICAITON OF MAJOR VITAMIN D PATHWAY  
METABOLITES INCLUDING 1 $\alpha$ ,25(OH)<sub>2</sub>D, 3-EPI-25OHD<sub>3</sub>, AND 25OHD<sub>3</sub>

Vassil Dimitrov, McGill University, Canada (Mentor: John White, PhD)  
VITAMIN D ATTENUATES T CELL-MEDIATED INFLAMMATORY RESPONSES BY DIRECTLY STIMULATING  
EXPRESSION OF PD-L1 IN EPITHELIAL AND MYELOID CELLS

Lasse Hansen, Harvard School of Dental Medicine, USA (Mentor: Martin Blomberg Jensen, MD, PhD)  
OVARIAN 1,25-DIHYDROXYVITAMIN D AND SELECTION OF HIGH QUALITY SPERMATOZOA FOR  
FERTILIZATION

Dean Larner, University of Birmingham, UK (Mentor: Martin Hewison, PhD)  
GENDER-SPECIFIC FETAL-PLACENTAL INFLAMMATORY RESPONSES ASSOCIATED WITH VITAMIN D-  
DEFICIENCY AND IMMUNE CHALLENGE IN PREGNANT MICE

Anette Larsen, Tromsø Endocrine Research Group, UiT, Norway (Mentor: Rolf Jorde, PhD)  
THE EFFECT OF HIGH-DOSE VITAMIN D ON BONE MINERAL DENSITY IN SUBJECTS WITH PREDIABETES

Danyang Li, The University of Birmingham, UK (Mentor: Martin Hewison, PhD)  
IMMUNOMODULATION BY VITAMIN D IS ASSOCIATED WITH REGULATION OF DENDRITIC CELL  
MICRORNAS

Christopher Yanucil, University of Miami Miller School of Medicine, USA (Mentor: Christian Faul, PhD)  
CALCITRIOL ATTENUATES FGF23-INDUCED CARDIAC HYPERTROPHY

Yang Zhang, Oregon State University, USA (Mentor: Adrian Gombart, PhD)  
LOCAL SUSTAINED DELIVERY OF 1 $\alpha$ ,25(OH)<sub>2</sub>D<sub>3</sub> BY NANOFIBER WOUND DRESSINGS INDUCES HUMAN  
CATHELICIDIN ANTIMICROBIAL PEPTIDE EXPRESSION BOTH *IN VITRO* AND *IN VIVO*

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