

## 2019 Award Recipients

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### YOUNG INVESTIGATOR AWARDS

Folami Y. Ideraabdullah, University of North Carolina, Chapel Hill  
CHARACTERIZING THE ROLE OF GENETIC BACKGROUND IN OFFSPRING EPIGENETIC  
DYSREGULATION BY MATERNAL VITAMIN D DEFICIENCY

Eva Liu, Harvard Medical School, Boston, MA  
IMPAIRED 1,25 DIHYDROXYVITAMIN D ACTION UNDERLIES ENTHESOPATHY DEVELOPMENT IN THE  
HYP MOUSE MODEL OF XLH

### TRAINEE TRAVEL AWARDS

Christine Andreassen, Rigshospitalet, University of Copenhagen (Mentor: Martin Blomberg Jensen)  
THE 1,25(OH)<sub>2</sub>D<sub>3</sub>-REGULATED GENE RANKL AFFECTS GROWTH OF TESTICULAR GERM CELL TUMORS

Juhi Arora, Pennsylvania State University (Mentor: Margherita Cantorna)  
VITAMIN D REGULATES THE MICROBIOTA TO INDUCE ROR $\gamma$ T/FOXP3+ REGULATORY T CELLS

Kara DeSantis, University at Albany (Mentor: JoEllen Welsh)  
ROLE OF VDR SIGNALING IN SALIVARY GLAND HOMEOSTASIS AND CANCER

Rikeenkumar Dhaduk, Loyola University, Chicago Stritch School of Medicine (Mentor: Ramon Durazo-Arvizu)  
VITAMIN D GENETIC VARIANTS AND 25-HYDROXYVITAMIN D ACROSS FIVE POPULATIONS OF AFRICAN  
DESCENT: THE METS/VIDA STUDY

Stefanie Doms, KU Leuven (Mentor: Mieke Verstuyf)  
UNLIGANDED VDR SIGNALING NEGATIVELY AFFECTS BONE MASS

Katrine Evensen, Norwegian University of Science and Technology (Mentor: Unni Syversen)  
THE RESPONSE OF VITAMIN D METABOLITES TO A SINGLE BOUT OF RESISTANCE AND ENDURANCE  
EXERCISE IN HEALTHY YOUNG ADULTS

Gonzalo Fernandez Lahore, Karolinska Institutet (Mentor: Rikard Holmdahl)  
GENETIC POLYMORPHISM LEADING TO OVER-EXPRESSION OF VDR IN ACTIVATED T CELLS  
PROMOTES PRO-INFLAMMATORY BEHAVIOUR

Jason Garcia, University of Illinois at Chicago (Mentor: Larisa Nonn)  
REGULATION OF MEGALIN BY VITAMIN D AS THE MECHANISM FOR DIFFERENTIAL LEVELS OF INTRA-  
PROSTATIC ANDROGENS BETWEEN AFRICAN AMERICAN AND CAUCASIAN MEN

Kamin Michelle Hau, Ulster University (Mentor: Paul Thompson)  
VITAMIN D RECEPTOR EXPRESSION HAS BECOME DEPENDENT ON THE BRAFV600E MUTATION IN  
METASTATIC MELANOMA

Alicia Heath, Imperial College London (Mentor: David Muller)  
25-HYDROXYVITAMIN D CONCENTRATION AND CAUSE-SPECIFIC MORTALITY: THE MELBOURNE  
COLLABORATIVE COHORT STUDY

Rune Holt, Rigshospitalet, University of Copenhagen (Mentor: Martin Blomberg Jensen)  
VITAMIN D SUPPLEMENTATION IMPROVES THE METABOLIC PROFILE IN A RISK POPULATION: A  
RANDOMIZED CLINICAL TRIAL

Heng Jiang, Purdue University (Mentor: James Fleet)  
1,25(OH)<sub>2</sub>D-MEDIATED CALCIUM ABSORPTION AT PROXIMAL COLON: TARGETED GENE  
UPREGULATION BY GLYCOSIDE/GLUCURONIDE CALCITRIOL

Nejla Latic, University of Veterinary Medicine Vienna (Mentor: Reinhold Erben)  
ABLATION OF VITAMIN D SIGNALING IN CARDIOMYOCYTES LEADS TO FUNCTIONAL IMPAIRMENT IN  
EXPERIMENTAL LEFT VENTRICULAR HYPERTROPHY

Shanshan Li, Rutgers New Jersey Medical School (Mentor: Sylvia Christakos)  
NUTRIGENOMICS OF 1,25(OH)<sub>2</sub>D<sub>3</sub> ACTION IN THE INTESTINE

Grant Parnell, The Westmead Institute for Medical Research (Mentor: David Booth)  
HOMEOSTATIC REGULATION MAY LIMIT IMMUNE RESPONSE TO VITAMIN D SUPPLEMENTATION,  
ESPECIALLY TO CHOLECALCIFEROL

Jacob Rullo, Queen's University (Mentor: Martin Petkovich)  
INTRAOCULAR CALCIFEDIOL: UNCOVERING A ROLE FOR VITAMIN D IN THE EYE

Aparajita Verma, Roswell Park Comprehensive Cancer Center (Mentor: Mukund Seshadri)  
VITAMIN D AND IMMUNE CHECKPOINT BLOCKADE IN HEAD AND NECK

Neda Vishlaghi, University of Miami (Mentor: Thomas Lisse)  
TROPIC FACTOR SIGNALING PROMOTES HAIR FOLLICLE FORMATION IN VDR-NULL MICE

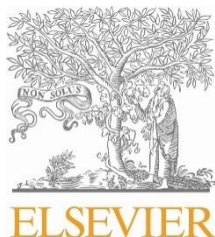
Awards for junior scientists were made possible by funds from Heartland Assays, LLC  
and a conference grant from the National Institutes of Health.

### **ELSEVIER POSTER AWARDS**

Carmen Reynolds, Iowa State University (Mentor: Jesse P. Goff)  
25-HYDROXYVITAMIN D-GLUCURONIDE ACTIVATES VDR IN THE COLON OF MICE

Tomomi Akita, Tokyo University of Science (Mentor: Chikamasa Yamashita)  
INVESTIGATION FOR A RADICAL CURE OF COPD USING 1,25-DIHYDROXYVITAMIN D<sub>3</sub> AIMED AT  
ALVEOLAR REGENERATION.

Kaori Yasuda, Toyama Prefectural University (Mentor: Toshiyuki Sakaki)  
ELUCIDATION of 25-HYDROXYVITAMIN D<sub>3</sub> METABOLISM USING *Cyp24a1*-KNOCKOUT RATS GENERATED  
by CRISPR/Cas9 SYSTEM.



The Elsevier Poster Awards are given to trainees based on abstract ranking. One abstract will be awarded a printed copy of Vitamin D, Fourth Edition (edited by David Feldman, J. Wesley Pike, Roger Bouillon, Edward Giovannucci, David Goltzman and Martin Hewison) and two will receive electronic copies of the book, also donated by Elsevier.