

## 2018 Award Recipients

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### YOUNG INVESTIGATOR AWARD

Jeffrey D. Roizen, Pediatric Endocrinology and Diabetes, The Children's Hospital of Philadelphia and University of Pennsylvania Perelman School of Medicine  
VITAMIN D DEFICIENCY DUE TO A RECURRENT GAIN OF FUNCTION MUTATION IN CYP3A4 CAUSES A NOVEL FORM OF VITAMIN D DEPENDENT RICKETS

### TRAINEE TRAVEL AWARDS

Anjalee Amarasekera, Western Sydney University, Australia (Mentor: Michael Roberts, PhD)  
ENDOTHELIAL DYSFUNCTION – A POTENTIAL VITAMIN D TARGET

Joseph Bass, University of Nottingham, UK (Mentor: Philip J. Atherton, PhD)  
VITAMIN D RECEPTOR MEDIATED REGULATION OF SKELETAL MUSCLE MASS

Natalia Carrillo- López, Hospital Universitario Central de Asturias, Spain (Mentor: Jorge B. Cannata-Andía, PhD)  
DEFECTIVE VITAMIN D INDUCTION OF VASCULAR MICRO RNA-145 CONTRIBUTES TO THE ONSET AND PROGRESSION OF VASCULAR CALCIFICATION IN EXPERIMENTAL KIDNEY DISEASE

Khanyile Dube, Ulster University, UK (Mentor: Paul Thompson, PhD)  
REGULATION OF THE *UDP-GLUCURONOSYLTRANSFERASE 1A (UGT1A)* GENE EXPRESSION BY VITAMIN D RECEPTOR (VDR)

Amadeo García, The University of Birmingham, UK (Mentor: Martin Hewison, PhD)  
TOLEROGENIC EFFECTS OF 1,25-DIHYDROXYVITAMIN D ARE ASSOCIATED WITH ALTERED DENDRITIC CELL METABOLISM

Sharon Huish, University Hospital Coventry, UK (Mentor: Rosemary Bland, PhD)  
VITAMIN D SUPPLEMENTATION CORRECTS 1,25-DIHYDROXYVITAMIN D DEFICIENCY AND REDUCES ERYTHROPOIETIN REQUIREMENT IN HAEMODIALYSIS PATIENTS

Luca Iamartino, Institute of Pathophysiology and Allergy Research, Austria (Mentor: Enikő Kallay, PhD)  
THE EFFECT OF VITAMIN D ON THE EXPRESSION OF THE CALCIUM-SENSING RECEPTOR IN COLONIC ORGANOID

Hajar Mazahery, Massey University, New Zealand (Mentor: Pamela von Hurst, PhD)  
A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL OF VITAMIN D AND N-3 LONG CHAIN POLYUNSATURATED FATTY ACIDS IN THE TREATMENT OF IRRITABILITY AND HYPERACTIVITY IN CHILDREN WITH AUTISM SPECTRUM DISORDER

Arnaud Molin, Caen University Hospital, France (Mentor: Marie-Laure Kottler, PhD)  
MOLECULAR STUDY OF A COHORT OF 185 PATIENTS WITH SUSPECTED 25-HYDROXYVITAMIN D 24-HYDROXYLASE DEFICIENCY

Matan Nachliely, Ben-Gurion University of the Negev, Israel (Mentor: Michael Danilenko, PhD)  
THE 19-*nor* VITAMIN D<sub>2</sub> ANALOG PRI-5202 AND ACTIVATORS OF THE TRANSCRIPTION FACTOR Nrf2 COOPERATIVELY ENHANCE VDR SIGNALING AND DIFFERENTIATION OF AML CELLS IN CULTURE AND INHIBIT LEUKEMIA PROGRESSION IN MICE

Rachida Rafiq, VU University Medical Center, Nederland (Mentor: M. den Heijer, MD, PhD)  
ASSOCIATIONS OF DIFFERENT BODY FAT DEPOSITS WITH SERUM 25-HYDROXYVITAMIN D CONCENTRATIONS

Jef Serré, KU Leuven, Belgium (Mentor: Chislaine Gayan-Ramirez, MD, PhD)  
AIRWAY INFECTION WITH NONTYPEABLE *HAEMOPHILUS INFLUENZAE* IS MORE RAPIDLY ERADICATED IN VITAMIN D DEFICIENT MICE

Maria Tamayo, Universidad Autónoma de Madrid/CSIC, Spain (Mentor: Dr. Carmen Delgado)  
BENEFICIAL EFFECTS OF PARICALCITOL IN A SETTING OF CARDIAC DYSFUNCTION INDUCED BY  
TRANSVERSE AORTIC CONSTRICTION IN MICE

Suma Uday, University of Birmingham, UK (Mentor: Wolfgang Hoegler, MD)  
LIFE THREATENING COMPLICATIONS OF VITAMIN D DEFICIENCY IN INFANTS: HYPOCALCAEMIC  
DILATED CARDIOMYOPATHY, CARDIAC ARREST AND DEATH

An-Sofie Vanherwegen, KU Leuven, Belgium (Mentor: Chantal Mathieu, MD, PhD)  
VITAMIN D CONTROLS THE CAPACITY OF HUMAN DENDRITIC CELLS TO INDUCE FUNCTIONAL  
REGULATORY T CELLS BY REGULATION OF GLUCOSE METABOLISM

Justine Vanhevel, KU Leuven, Belgium (Mentor: Lieve Verlinden, PhD)  
INECALCITOL COMBINED WITH PALBOCICLIB BLOCKS CELLULAR GROWTH IN TRIPLE-NEGATIVE  
BREAST CANCER

Vui King Vincent-Chong, Roswell Park Comprehensive Cancer Center, USA (Mentor: Mukund Seshadri, DDS, PhD)  
PRECLINICAL PREVENTION TRIAL OF CALCITRIOL: IMPACT OF STAGE OF INTERVENTION AND  
DURATION OF TREATMENT ON ORAL CARCINOGENESIS

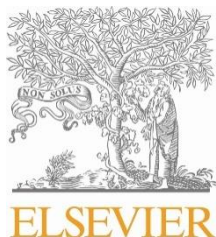
Awards for junior scientists were made possible by funds from Heartland Assays, LLC (Ames, Iowa),  
the Bioscientifica Trust and a conference grant from the National Institutes of Health.

### **ELSEVIER POSTER AWARDS**

Ankana Ganguly, Institute of Metabolism and Systems Research, University of Birmingham, UK (Mentor: Martin  
Hewison, PhD)  
PRO-INVASIVE EFFECTS OF 1,25-DIHYDROXYVITAMIN D ON PLACENTAL TROPHOBLAST CELLS ARE  
ASSOCIATED WITH LACK OF CYP24A1

Takashi, Ishii, School of Biomedical Sciences, Ulster University, UK (Mentor: Paul Thompson, PhD)  
THE ROLE OF SUMOYLATION IN THE REGULATION OF VITAMIN D RESPONSE

E. Patricia Rodríguez, School of Biomedical Science, Ulster University, Coleraine, Queens University, Belfast,  
Northern Ireland, UK (Mentor: Paul Thompson, PhD)  
EXPRESSION AND MODULATION OF GENES OF PHARMACOKINETIC AND GENOME PROTECTIVE  
RELEVANCE WITHIN ENTERIC CELLS BY LIGANDED VITAMIN D RECEPTOR (VDR)



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.