



## **Professor Ahmed Hesham Khalifa, PhD**

**Professor of Biomedicine, Stem Cell & Regenerative Medicine**

**University of Edinburgh (UK)-zhejiang Int. campus**

### ***Biogeography***

Professor Dr. Ahmed H. Khalifa, a USA citizen, is associate Professor of Biomedicine, Stem Cell and Regenerative Medicine. He received his Ph.D. in Developmental Biology from the University of Manchester (England, United Kingdom)

where his studies helped for better understanding of placental organogenesis, placental trophoblast stem/progenitor cells and related diseases. Prof. Ahmed H. Khalifa subsequently performed postdoctoral training at the University of New York [Mount Sinai] School of Medicine (USA), Saban Research Institute/Children's Hospital Los Angeles, Keck School of Medicine, University of Southern California (USA), and was promoted to Assistant Professor and Principal Investigator at Keck School of Medicine, University of Southern California (USA) in 2012. Later that same year, Prof. Ahmed H. Khalifa was also appointed as Assistant Professor and Principal Investigator at Herman Ostrow School of Dentistry, University of Southern California (USA). During this time, Prof. Ahmed H. Khalifa continued his scientific programs that started during his PhD/postdoctoral training on the molecular and cellular mechanisms controlling stem cell development and behavior and how changes in this behavior can lead to the development of tissue-specific diseases, which culminated in the discovery of the functions of some transcription and growth factors and signaling molecules in these processes.

In 2016, Prof. Ahmed H. Khalifa was recruited to the University of Edinburgh (UK)-Zhejiang Intl. campus and UoE-ZJU Institute of Biomedicine as Tenure-Track Associate Professor and Senior Principal Investigator of Biomedicine, Stem Cell and Regenerative Medicine. During this time, Prof. Prof. Ahmed H. Khalifa began his academic leadership roles and responsibilities as course leader and organizer. In 2017, Prof. Ahmed H. Khalifa accepted the position of adjunct Professor at the Centers of Molecular

Medicine and Stem Cell/Regenerative Medicine, Medical School, Zhejiang University, China. Prof. Ahmed H. Khalifa is involved in designing and teaching biomedicine courses, and training and mentoring students in biomedicine, stem cell and regenerative medicine. Prof. Ahmed H. Khalifa has extensive experience conducting basic biomedical and cell biological research and continues to have close collaborative ties with a number of biomedical research institutes. Prof. Ahmed H. Khalifa has received numerous honors and awards, and has received grant funding from different foundations, including the American Heart Association and California Institute of Regenerative Medicine. He has received international awards and recognitions over the years, including being the nominee for the prestigious One-Thousand talent project prize (China), Kuwait Foundation for the Advancement of Science's (KFAS) Prize in Applied Medical Sciences (Kuwait), and Manchester University Fellowship Award (UK).

Prof. Ahmed H. Khalifa collaborates with a wide range of research scientists, and biological, biomedical, stem cell and regenerative medicine experts. He currently has over 44 scientific publications, book chapters, reviews and editorials in reputed international journals, as well as over 20 conference abstracts in a wide range of biomedical disciplines including stem cell biology and application in tissue repair and regenerative medicine as well as cellular and developmental biology. Prof. Ahmed H. Khalifa has authored or edited 5 books and contributed to 3 books that are published by the prestigious publishers Springer, Elsevier and Imperial College London Press on stem cells, regenerative medicine and organ development and function. He is book series editor at the prestigious publisher; Elsevier, with a series on recent innovations in stem cell & regenerative medicine. Prof. Ahmed H. Khalifa is a fellow of the California Institute of Regenerative Medicine, CIRM (USA); is on the Editorial Board Member of 11 scientific journals and has been a Peer Reviewer/ International Extramural Review for the Medical Research Council (MRC) grant applications, London (UK). Prof. Ahmed H. Khalifa serves as a Discussion Leader for the prestigious Gordon Research Seminar/Conference in USA. He co-chaired, co-organized and was invited to present his research at several international stem cell and regenerative medicine conferences in USA, Spain, Greece, Egypt Germany, and China.