

## **Professor DrAnastasis Stephanou**

Professor Stephanou is currently Professor of Cell and Molecular Biology at the European University, School of Medicine (2014 – present). He completed his PhD at the Westminster and Charing Cross Medical School, University of London in 1992. He then did his Post-doctoral training (1992-1995) in the Department of Endocrinology, Cincinnati Children's Hospital, USA, working on transcriptional gene regulation. In 1995, he moved as a postdoctoral fellow to the laboratory at the Windeyer Institute of Medical Sciences, UCL where he studied the regulation of heat shock proteins and their cytoprotective properties. During his postdoctoral work, he developed his interest in the Signal Transducers and Activators of Transcription (STATs) factors as key regulators of apoptosis. In 2002, Dr Stephanou became a Lecturer at UCL and in 2005 was promoted to a Reader/Associate Professor. His main research interests are in the field of signal transduction pathways and mechanisms of cell death (apoptosis), cell cycle regulation and autophagy in disease models such as myocardial infarction injury and also in cancer. Other interests include collaborating with a colleague in the Mechanical Engineering Department at UCL, who has developed a novel technique called bio-electrospraying (BES) for deposition and other controlled jetting of primary neonatal cardiac myocytes, primary cardiac and endothelial cells, as well as creating a beating cardiac tissue graft and are hoping to use such protocols for transplantation and treatment of severe heart failure models. He has recently edited a book entitled "JAK-STAT Pathway in Diseases" and also in 2012 became Editor-In-Chief of the journal JAK-STAT. He has authored over 150 peer-reviewed articles.