B·DEBATE International Center for Scientific Debate BARCELONA

Vall d'Hebron Institut de Recerca VHIR

ANTHONY MATHUR

CV

PARTICIPANT AT:

UNSOLVED PROBLEMS IN HEART REPAIR

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Anthony Mathur, Professor of Cardiology & Lead for Clinical Cardiology, Center for Clinical Pharmacology, Barts and the London, London, UK

He work as an academic at Queen Mary's and an Honorary Consultant Cardiologist at Bart and the London NHS Trust. He divide his time equally between clinical work and basic science with the aim of conducting translational research. His basic science interests have evolved from his PhD undertaken at UCL where he gained an understanding of platelet and stem cell biology as well as cellular bioenergetics. These interests are now consolidated in his work looking at the mechanisms by which stem cells may improve cardiac function. His clinical work is directed at interventional cardiology and the management of patients with heart failure and angina who have failed conventional therapy. He is Secretary of the ESC Task force on Stem cells in cardiovascular disease and also Chair the clinical group of the British Cardiac stem cells collaborative set up by Professor John Martin. These roles have enabled him to design a series of clinical trials that will address some of the outstanding issues surrounding the use of stem cells to treat cardiovascular disease. I also have a major interest in the use of advanced cardiac imaging for translational research and have the role of Lead Clinician for Advanced Cardiac Imaging. His current basic science interests are directed at understanding the role of cell therapy in the treatment of cardiovascular disease. This covers a broad spectrum of research ranging form a study of the mechanism by which cell therapy may improve cardiac function to optimization of cell therapies to ultimately produce cardiac regeneration. My clinical research is directed at new treatments for the 'no-option' patient - that is people who have cardiac disease and no further conventional treatments available to treat on-going symptoms. I am the chief investigator of one of the largest clinical trials to date looking at the role of stem cells in cardiac repair for patients with heart failure.