

Dr. Davor Pavlovic

Dr Pavlovic gained his first class BSc (Hon) in Biochemistry from University of Huddersfield in 2001. During his undergraduate degree he spent a year working at Imperial College London in a laboratory of Professor Ten Feizi where he investigated the role of oligosaccharide ligands for proteins involved in innate and acquired immunity. He obtained his PhD from University of Oxford (Exeter College) under the guidance of the then head of department of Biochemistry Professor Raymond Dwek and Professor Nicole Zitzmann. At Oxford Dr Pavlovic worked with a Nobel Laureate Dr Baruch Blumberg where he showed that Hepatitis C virus p7 protein forms ion channels that can be blocked by long alkyl chain iminosugars. He then moved to King's College London (St Thomas Hospital campus) and took up a post of a British Heart Foundation Research Fellow in the laboratory headed by Professor Michael Shattock, where he worked on regulation of the cardiac sodium pump. His work uncovered the role of protein called phospholemman in adrenergic, nitric oxide and phosphatase mediated regulation of the cardiac sodium pump in healthy and diseased hearts.

In 2015, Dr Pavlovic was appointed as a Lecturer in Cardiovascular Sciences at the University of Birmingham where he has set up his own research group. In 2020, Dr Pavlovic has been promoted to Senior Lecturer. Davor has recently been appointed as a Lead for Cardiac Diseases Theme at the ICVS and has been named a Fellow of European Society of Cardiology.