

DAVID ALFRED EISNER



David Alfred Eisner, British Heart Foundation Professor of Cardiac Physiology at the University of Manchester and editor-in-chief of The Journal of General Physiology.

ACADEMIC AND PROFESSIONAL CAREER

Following postdoctoral research at the University of Cambridge on the kinetics of the sodium pump in the laboratory of Ian Glynn, he took up a lectureship in the Department of Physiology at University College London in 1980. In 1990 he moved to The University of Liverpool as professor of veterinary biology. In 1999 he took up a chair of cardiac physiology at the University of Manchester and, in 2000, was awarded the BHF Chair of Cardiac Physiology.

Eisner was chair of the editorial board of The Journal of Physiology from 1997 to 2000 and editor-in chief of the Journal of Molecular and Cellular Cardiology from 2007 to 2016. He was president of The Federation of European Physiological Societies (FEPS) from 2011-2015 and The Physiological Society from 2016 to 2018.

Eisner's early research focused on the regulation of intracellular sodium in cardiac muscle and the effects on contraction. He then investigated the control of intracellular calcium concentration and its role in the production of arrhythmias. He has identified the factors that regulate the calcium content of the sarcoplasmic reticulum and how this is altered in disease. His recent research has focused on the control of diastolic calcium and the effects of calcium buffering. He has also written and spoken about scientific reproducibility and fraud.

AWARDS AND HONORS

- 1975 Powell Prize and Senior Scholarship: King's College Cambridge
- 1985 Awarded Pfizer Prize for research in biology
- 1986 Wellcome Senior Lectureship
- 1988 Awarded Wellcome Prize (Physiological Society)
- 1992 Q.R. Murphy Lecturer, University of Wisconsin.
- 1999 Fellow Academy of Medical Sciences
- 2000 Founder Fellow International Society for Heart Research
- 2001 Fellow American Heart Association
- 2007 Member Academia Europa
- 2008 Reimer Lecturer International Society for Heart Research
- 2008 Hon Dorothy Wedgwood Lecture for Young People
- 2010 Honorary Fellowship of The Royal College of Physicians
- 2018 Doctor Honoris Causa, from The University of Debrecen
- 2020 Doctor Honoris Causa, from The University of Szeged