
JOHN McCARTHY

CV

PARTICIPANT AT:

SYNTHETIC BIOLOGY. FROM STANDARD BIOLOGICAL PARTS TO ARTIFICIAL LIFE



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John McCarthy, Professor of Molecular Systems Biology, Director, Warwick Integrative Synthetic Biology centre (WISB), School of Life Sciences, University of Warwick, Coventry, UK

John McCarthy studied Biochemistry in Oxford and began his research career studying the biochemistry and biophysics of electron transport-dependent ATP synthesis. In subsequent years in Germany he switched to research on mechanisms underpinning the control and regulation of gene expression and became a Department Head in one of Germany's Federal Research Institutes. He also engaged with various challenges in biotechnology, collaborating with a large number of biotechnology and pharmaceutical companies. John moved to Manchester in 1996, where he was Head of the Department of Biomolecular Sciences at UMIST 1998-2000. He took on leadership of the Manchester Interdisciplinary Biocentre project in 1998, and was Director of this institute from 2004 until 2010, when he moved to become Head of Life Sciences at the University of Warwick. John was the recipient of a Wolfson-Royal Society Merit Award in 2002, and was awarded a BBSRC Professorial Fellowship in 2007. John is currently Director of the BBSRC/EPSRC-funded Warwick Integrative Synthetic Biology centre (WISB). He has organised many international scientific conferences and international postgraduate training courses, with an increasing focus on novel interdisciplinary research areas, and was one of the founding Editors of the RSC journal Integrative Biology. His current research interests include rate control and noise in the eukaryotic gene expression pathway, and a range of synthetic biology projects.

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