



Gordon C. K. Roberts, Professor of Biochemistry, Department of Biochemistry, University of Leicester, 1986 - Nationality: British; born Saffron Walden, England, 28-5-1943; married with two sons, one daughter.

Scientific Societies:

- Fellow, Academy of Medical Sciences
- Fellow, Royal Society of Chemistry
- Member of Council and of the Meetings Board, Biochemical Society (2006-present)
- Committee Member, British Biophysical Society (1988-present; Chairman, 1992-1995)
- Member of Council, International Society of Magnetic Resonance (1989-1999)
- Chairman, International Council for Magnetic Resonance in Biological Systems (1998-2000)
- President-Elect, IUPAB (2008-2011)

University positions:

- Director, Henry Wellcome Laboratories for Structural Biology (1986-present)
- Head of Department of Biochemistry (2000-2004)
- Head of School of Biological Sciences (2004-present)

Invited Lectures (selection, 2002-2007):

IUPAB Congress, Argentina; 6th International Symposium on Cytochrome P450 Biodiversity, UCLA; Chemistry at the Biological Interface (RSC/Wellcome Trust), Warwick; XXIst International Conference on Magnetic Resonance in Biological Systems, Hyderabad, India; International Symposium on Stable Isotope Aided Biological NMR, Tokyo; Protein Dynamics and Function, BioScience2006 (Biochemical Society), Glasgow; Symposium on Magnetic Resonance, Structural Biology and Drug Design, Stanford University; CNRS Centre de Biophysique Moleculaire, Orléans, France

Community service:

Medical Research Council: Member, Cell Board (1987-1991), Training Awards Panel (1989-1993; Chairman 1992-1993), College of Experts, 2003-present; Wellcome Trust: Member, Molecular and Cell Biology Panel (1991-1994); National Institute for Biological Standards and Control: Member, Scientific Policy Advisory Committee (1998-2003); Institute for Molecules and Materials, University of Nijmegen, The Netherlands: Member, Scientific Advisory Board (2005-present); Frank Knox Memorial Fellowships, Harvard University: Member, Selection Panel (1998-present; Chairman, 2007-present)

RECENT PAPERS

Paine, M.J.I., McLaughlin, L.A., Flanagan, J.U., Kemp, C.A., Sutcliffe, M.J., Roberts, G.C.K., and Wolf, C.R. (2003) Residues glutamate-216 and aspartate-301 are key determinants of specificity and regiospecificity in cytochrome P450 2D6. *J. Biol. Chem.*, 278, 4021-4027.

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- Papagrigoriou, E., Gingras, A.R., Barsukov, I.L., Patel, B., Zeigler, W., Roberts, G.C.K., Critchley, D.R., and Emsley, J. (2004) Activation of a vinculin binding site in the talin rod involves rearrangement of a five helix bundle. *EMBO Journal*, 23, 2942-2951
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