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## Curriculum Vitae Professor Dr Sir John Krebs

**Name:** Sir John Krebs

**Born:** 11 April 1945

**Research Priorities: Quantitative and experimental behavioural ecology, behavioural ecology of birds, bioethics, population biology, ornithology**

John Krebs is a British zoologist that studies the behavioural ecology of birds. He introduced new methods to ornithology, among them optimisation models to predict feeding behaviour, as well as techniques from neurobiology and experimental psychology, to assess the mental capacities of birds and connect it to certain regions of the brain.

### Academic and Professional Career

since 2005	Principal, Jesus College, University of Oxford, Oxford, UK
1988 - 2005	Royal Society Research Professor, University of Oxford, Oxford, UK
1981 - 1988	EP Abraham Fellow, Pembroke College, University of Oxford, Oxford, UK
1975 - 1981	University Lecturer in Zoology, Edward Grey Institute of Field Ornithology, University of Oxford, Oxford, UK
1973 - 1975	Lecturer in Zoology, University College of North Wales, Bangor, UK
1970 - 1973	Assistant Professor of Ecology, University of British Columbia, Vancouver, Canada
1970	DPhil, Pembroke College Oxford, University of Oxford, Oxford, UK
1970	Master, Pembroke College Oxford, University of Oxford, Oxford, UK
1966	Bachelor, Pembroke College Oxford, University of Oxford, Oxford, UK

## **Functions in Scientific Societies and Committees**

2012 - 2013	President, British Science Association, UK
2010 - 2014	Chairman, Science and Technology Select Committee, House of Lords, UK
2009 - 2017	Member and Chairman, Adaptation Sub-Committee, Climate Change Committee, UK
2008 - 2014	Chairman, Science and Technology Honours Committee, UK
2006 -2007	Member, Nuffield Council on Bioethics, London, UK
2000 -2005	Founding Chairman, Food Standards Agency, London, UK
1994 - 1999	Chief Executive, Natural Environment Research Council, UK
1993 - 1994	President, Association for the Study of Animal Behaviour (ASAB), London, UK
1988 - 1990	President, International Society of Behavioural Ecology

## **Honors and Awarded Memberships**

since 2013	Member, German National Academy of Sciences Leopoldina, Germany
2011	Honorary Member, Association for Nutrition, London, UK
2008	Honorary Member, National Heart Forum, UK
2007	Honorary Fellow, University of Wales, Bangor, UK
2007	Honorary Fellow, Salters Company and Freeman, London, UK
2006	Honorary Fellow, Zoological Society of London, London, UK
2006	Harben Gold Medal, Royal Institute of Public Health, UK
2006	Honorary Fellow, University of Wales Institute, Cardiff, UK
2005	Award for Outstanding Achievement, Society for Food Hygiene Technology, Staffordshire, UK
2005	Lord Rayner Memorial Medal, Royal College of Physicians, UK
2005	Honorary Fellow, Pembroke College, University of Oxford, Oxford, UK
2004	Croonian Medal, Royal Society, UK
2004	Foreign Honorary Member, National Academy of Sciences, USA
2004	Fellow, Academy of Medical Sciences, London, UK
2003	Honorary Member, German Ornithologists' Society, Germany
2003	Wooldridge Medal, British Veterinary Association, UK
2002	Benjamin Ward Richardson Gold Medal, Royal Society for Promotion of Health, UK

2000	Medal, ASAB, London, UK
2000	Foreign Member, American Academy of Arts and Sciences, USA
2000	Foreign Member, American Philosophical Society, USA
1999	Honorary Member, British Ecological Society, UK
1999	Honorary Fellow, Cardiff University, Cardiff, UK
1999	Knighthood for Services to Behavioural Ecology, UK
1999	Elliott Coues Award, American Ornithologists' Union, USA
1997	Frink Medal, Zoological Society, London, UK
1995	Member, Academia Europaea
1985	External Scientific Member, Max-Planck-Gesellschaft München
1984	Fellow, Royal Society, UK
1983	Bicentenary Medal, Linnaean Society of London, London, UK
1981	Science Fellowship, Nuffield Foundation, London, UK
1981	Scientific Medal, Zoological Society of London, London, UK

## Research Priorities

John Krebs is a British zoologist that studies the behavioural ecology of birds. He introduced new methods to ornithology, among them optimisation models to predict feeding behaviour, as well as techniques from neurobiology and experimental psychology, to assess the mental capacities of birds and connect it to certain regions of the brain.

During his scientific career in the field of ornithology, John Krebs published more than 130 peer-reviewed works, five books, and 130 chapters, reviews. He then embarked on a career in science policy. John Krebs served as chairman of the Food Standards Agency and criticised the organic food movement in 2000, for example. He caused a stir with his statement that people receive no value for money by buying organic products if they assume that these foods are linked to a gain in quality or safety – as there is no evidence to support such claims. As head of the Randomised Badger Culling Trial, John Krebs became one of the leading experts in bovine tuberculosis. With this field experiment Great Britain tried to exterminate the badger as it was suspected to transmit the disease. In 2012, the research results led John Krebs to oppose the culling of badgers.

In 2006 and 2007 John Krebs was a member of the Nuffield Council on Bioethics, where he served as chair of the working group for public health. He then served as chair for the National Network of Science Learning Centres. After that he was member of the British House of Commons' Committee on Climate Change until 2017 and chair of the subcommittee Adaptation. Between 2010 and 2014

he served as Chairman of the House of Lords Science and Technology Select Committee.