

Prof. Dr. Ronald D. G. McKay

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Qualifications

1971 B.Sc., Summa cum Laude, University of Edinburgh

1974 Ph.D., University of Edinburgh (Chromosome Structure and DNA Organization)

Experience

2003- Director, Human Stem Cell Unit, National Institutes of Health, Bethesda, MD

1993- Chief, Laboratory of Molecular Biology, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, MD

1984-93 Edward J. Poitras Associate Professor in Human Biology and Experimental Medicine, Departments of Brain and Cognitive Sciences and Department of Biology, MIT, Cambridge, MA

1978-84 Senior Staff Investigator, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

1975-78 Research Fellow, Genetics Laboratory, Biochemistry Department, University of Oxford, UK

1975 Executive Officer, Medical Research Council, London

1971-74 Graduate Student, MRC Mammalian Genome Unit, Edinburgh

1971 Research Associate, Max Planck Institute for Biology, Tübingen

Professional Activities

1971-74 Research supervised by Dr. Ed Southern

1975-78 Research supervised by Dr. Walter Bodmer

1978-80 Research supervised by Dr. Joe Sambrook

1994 US Patent. Nestin expression as an indicator of Neuroepithelial Tumors; Feb 18, Patent # 5270192, with Urban Lendahl

1994- Editorial Board, Neurobiology of Disease

1994- Editorial Board, Molecular and Cellular Neuroscience

1994 International Advisory Board, International Congress on Neurotransplantation

1994 Co-organizer (with Jose Luis Milan and Eva Engvall), Stem Cells Symposium at La Jolla Cancer Research Foundation

1994 Workshop on Immortalization and Oncogene Action in the Nervous System (with Stefan Boehm), European Neuroscience Meeting

1995-98 Editorial Board, Genes and Development

1995-01 Receiving Editor, European Journal of Neuroscience

1996 Co-organizer (with Mariano Barbacid, Michael Greenberg and George Yancopoulos), Signal Transduction in the Nervous System; Keystone Symposium

1996-00 Instructor (with Erin Schuman), Course on Neurobiology: Brain Development and Function, Cold Spring Harbor Laboratory, New York

1996-99 Editorial Board, Current Protocols in Neurobiology

1996 NIH Director's Award

1996 Scientific Advisory Board and Founder, NeuralStem Inc.

1996- Board Scientific Directors, American Type Culture Collection

1997 Advisor, National Research Agency of Japan on Neuroscience at the Tsukuba Research Institute

1997- Lois Pope Award Committee for the Miami Project, University of Miami

1998 Decade of the Brain Medalist, American Association of Neurological Surgeons

1998 Organizing Committee, Conference on Cellular and Molecular Treatments of Neurological Disease, Cambridge, MA

1998- NIH Grants Review Panel on Molecular, Cellular and Developmental Neuroscience

1998 Kyoto Symposium Organizer (with T. Hisatsune), Japanese Association of Animal Cell Technology

1999 Lars Leksell Diploma, University of Virginia

2000 Instructor (with Michael Posner), Course on Neurobiology: Brain Development and Function, Cold Spring Harbor Laboratory, New York

2000 Organizer, 16th Ernest Klenk Symposium, Cologne

2001 Board Member, International Society for Stem Cell Research

2002 Ipsen Foundation Prize for Contributions to Neuronal Plasticity

2002- Member, NIH Task Force in Stem Cell Biology

2002 Instructor (with Gordon Keller and Brigid Hogan), Course on Stem Cells, Cold Spring Harbor Laboratory, New York

2002- Scientific Board, St. Jude Research Hospital, Memphis

2003 Robert Menzies Medal, Melbourne

2003 Organizer, Banbury Conference on Pluripotent Stem Cells

2003 Scientific Board, Neuroscience Institute, Shanghai

2003 Max Delbrück Medal, Berlin

2004 JDRF Oversight Committee for Human Stem Cell Research

2004 Instructor (with Anne McLaren, Azim Surani, Janet Rossant, and Gordon Keller), Course on Stem Cells, Cold

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Spring Harbor Laboratory, New York

2004 Board Member, Canadian and Australian Stem Cell Networks