

CURRICULUM VITAE

Leena Peltonen, M.D., Ph.D.

Name Leena Päivi Marketta Peltonen
(Married name Palotie)

Education

M.D. March 9, 1976, University of Oulu
Ph.D. in Biochemistry March 14, 1978, University of Oulu
Docent in Cell Biology September 15, 1982, University of Oulu
Docent in Molecular Genetics June 20, 1991, University of Helsinki

Professional Experience

1973 – 1976 M.D. Ph.D. Student, Collagen Research Unit (Head Kari Kivirikko),
University of Oulu, Finland
Mar 1978 – Dec 1980 Post-doctoral Fellow, Dept. of Biochemistry (Chair Darwin J. Prockop)
Rutgers Medical School, NJ, USA
Jan 1981 – Dec 1984 Acting Associate Professor, Department of Cell Biology, University of
Oulu, Finland
Jan 1985 – July 1987 Senior Scientist of The Academy of Finland, Recombinant DNA
Laboratory, University of Helsinki
Aug 1987 – Aug 1991 Head of the Laboratory, Laboratory of Molecular Genetics, National
Public Health Institute, Finland
Sep 1991 – Aug 1995 Professor of Molecular Biology, Director of the Molecular Biology
Program, National Public Health Institute
Aug 1995 – 1998 Professor of Medical Genetics, University of Helsinki and National
Public Health Institute (20% time commitment from June 1998)
July 1998–July 2002 Chairman and Professor of Department of Human Genetics, UCLA
July 2002 - Professor, Head of the Department of Molecular Medicine, National
Public Health Institute, Finland
July 2002 - Professor, University of Helsinki, Department of Medical Genetics

Positions held in scientific societies

1984 – 1985 Chairman of the Finnish Connective Tissue Society
1990 – 1992 Chairman, Finnish Society of Medical Genetics
1991 – European Molecular Biology Organization (EMBO), Member
1991 –1998 Human Genome Organization, Member of International Council
1992 –2000 European Society of Human Genetics, Member of the Council
1993 – National Academy of Sciences, Finland, Member
1999 – Hereditary Disease Foundation, Scientific Advisory Board Member
1999 – European Academy of Sciences (Academiae Europaeae), Member
2001 – American Society of Human Genetics, Member, Board of Directors
2002 - Societas Scienterum Fennica, Member
2003 Helsinki University Hospital's Laboratory, Municipal Enterprise, Member, Board of
Directors
Helsinki University, Medical Faculty, Research Administration Work Group,
Member

Other professional activities and functions in international organizations

1986 –2000 Member, Steering Committee, European Science Foundation's Scientific Program
on Molecular Neurobiology
1989 – 1992 Chair, Laboratory Committee in the European Communities, Concerted Action on

- Heritable Connective Tissue Disorders
- 1992 – 1998 Member, Steering Committee, International Marfan Consortium
- 1992 – 1996 Member, Steering Committee, Nordic HUGO
- 1994 – 1998 Member, International Council of HUGO
- 1995 – 1997 Chairman of the Medical Research Council of Finland (Academy of Finland)
- 1996 – Member of the EURESCO Scientific Steering Committee
- 1996 – Member, Scientific Advisory Board, Center for Molecular Medicine, Karolinska Institutet, Stockholm, Sweden
- 1996 – 1998 Chairman of the European Medical Research Council
- 1996 – 1998 Member, Public Affairs and Awareness Committee, EMBO
- 1996 – 1998 Member, Science and Technology Policy Council of Finland (chaired by the Prime Minister)
- 1995 – 1998 Member of the Board, CSC of Finland (Center of Scientific Computing)
- 1997 – 1998 Member, Scientific Advisory Board of the Genetics Program of the Universities of Leiden and Rotterdam
- 1997 – 1998 Member, Programme Committee, Biomed 2 of the European Community
- 1998 – Member, International Bioethics Committee, UNESCO
- 1999 – Member, Scientific Advisory Board of the Genome Research Programme, Foundation for Strategic Research, Sweden
- 2000 – 2002 Member, Scientific Advisory Board of the Finnish Genome Center, Univ of Helsinki
- 2000 – Member, International Advisory Board, SWEGENE, Sweden
- 2001 – 2002 Member, HUGO 2002 meeting Scientific Programme Committee
- 2001 – Member, Scientific Advisory Board, Marshfield Medical Research and Education Foundation's Medicine Program
- 2001 - Member of the Scientific Advisory Board of British Biobanks
- 2001 - Chair, International Jury of the Netherlands Genome Initiative
- 2002 - Member of the Scientific Advisory Board of the Shanghai Genome Center
- 2002 - Member of the Scientific Advisory Board, Genome Canada

Prizes and awards:

- 1992 The Antoine Marfan Award (The National Marfan Foundation, USA)
- 1992 The Anders Jahre Prize for young scientist (Scandinavian Science Prize)
- 1992 The Poul Astrup Prize (Scandinavian Science prize)
- 1994 Woman of the Year (Finland)
- 1996 Lennox K. Black Prize (Thomas Jefferson University, USA)
- 1997 Mauro Bachiroto Prize (European Society of Human Genetics)
- 1999 Gordon & Virginia MacDonald Distinguished Chair in Human Genetics-UCLA
- 2000 Honorary Doctor of Medicine, University of Uppsala, Sweden, Millenium Promotion
- 2001 Ribicoff Lecturer, Yale University
- 2003 Naomi M. Kanof Clinical Investigator Award lectureship, The Society for Investigative Dermatology, USA
- 2004 Abbott Award of Molecular diagnostics, International Federation of Clinical Chemistry and Laboratory Medicine

Editorial Board Activities In Scientific Journals

- Member of the Editorial Board:
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| Psychiatric Genetics | 1989 – |
| Molecular and Cellular Probes | 1990 – |
| European Journal of Human Genetics | 1991 – |
| Human Mutation | 1991 – |
| American Journal of Medical Genetics | 1992 – |
| Biological Chemistry | 1994 – 2000 |
| Human Molecular Genetics | 1994 – |
| Genome Research | 1995 – 1999 |

Gene Function & Disease 2000 –
Molecular Genetics and Metabolism 2000 –
Current Opinion in Genetics and Development 2000 –
Editor-in-Chief: Annals of Medicine 1990 – 1994

Frequent reviewer for many scientific journals including Nature, Nature Genetics, EMBO Journal, Journal of Cell Biology, Journal of Biological, Chemistry and Genomics.

Original Scientific Publications and Ph.D. Thesis Supervision: 365 original publications and several (56) review articles in international scientific journals and books. Supervised 50 Ph.D. theses.