



NAME KNIP, Jan Mikael
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BIRTH YEAR 1950
CITIZENSHIP Finland
Website <https://www.helsinki.fi/en/researchgroups/pediatric-diabetes-research-group>

EDUCATION AND TRAINING

Special competence in diabetology, Finnish Medical Association May 15, 1995
 Subspeciality in Pediatric Endocrinology, National Board of Health, Helsinki, Finland November 20, 1989
 Speciality in Pediatrics, National Board of Health, Helsinki, Finland September 30, 1985
 M.D., University of Oulu, Oulu, Finland October 10, 1976
 D.M.Sc. (Ph.D.), University of Oulu, Oulu, Finland May 24, 1983
 Title of doctoral dissertation: *Endocrine pancreatic function and its regulation in infants and children in normal and pathological conditions*
 Docent in Pediatrics, University of Oulu April 1, 1989

LINGUISTIC SKILLS

Mother tongue Swedish
 Other languages: Finnish (excellent)
 English (excellent)

CURRENT POSITIONS

Research Director, Children's Hospital, University of Helsinki October 1, 2018-
 Chief Physician, Children's Hospital, Helsinki University Central Hospital August 1, 2000-
 Project Director, Department of Pediatrics, Tampere University Hospital June 1, 2001-

ESSENTIAL PREVIOUS PROFESSIONAL AND RESEARCH EXPERIENCE

Professor of Pediatrics, Children's Hospital, University of Helsinki, 218 months August 1, 2000-September 30, 2018
 Dean, National Graduate School of Clinical Investigation, total 61 months 2003-08
 Senior Scientist, Medical Research Council, Academy of Finland; total 12 months 2002-03
 Chair, Children's Hospital, University of Helsinki, total 19 months 2001-11
 total 91 months
 Professor of Pediatrics, Medical School, University of Tampere, total 24 months 1998-2000
 Senior Scientist, Medical Research Council, Academy of Finland; total 12 months 1997-98
 Acting Professor of Pediatrics, Medical School, University of Tampere, total 12 months 1996-97
 Senior Scientist's Career Grant, Medical Research Council, Academy of Finland, total 12 months 1995-96
 Secretary General/Scientist, Nordic Council for Arctic Medical Research, total 60 months 1990-95
 Lecturer in Pediatrics, University of Oulu, total 22 months 1988-90
 Postdoctoral Research Fellow, Division of Endocrinology, Research Institute of the Hospital for Sick Children, Toronto, Ontario, Canada, 1986-87
 House Officer, Department of Pediatrics, Oulu University Hospital, total 36 months 1983-86
 Research Associate, Medical Research Council, Academy of Finland, total 52 months 1979-83

CURRENT RESEARCH FUNDING

2015-22, research grant, INNODIA, EU/IMI2 and Helmsley Trust, EUR 1,560,910, PI
 2015-20, research grant, Finnish TrialNet Center, JDRF, EUR 907,000, PI
 2018-23, research grant, Sigrid Jusélius Foundation, EUR 1,250,000, PI
 2016-20, Academy project, Academy of Finland, EUR 498,083

LEADERSHIP AND SUPERVISION EXPERIENCE

Supervision of postdoctoral researchers: 6

Supervision of PhD students: 30 completed PhD theses, 4 ongoing

Leader of research work:

Finnish Centre of Excellence in Molecular Systems Immunology and Physiology Research, Deputy Director, 2012-14, Director 2014-17
Diabetes and Obesity Research Program, Medical Faculty, University of Helsinki, Director 2013-18
DIABIMMUNE Collaborative Project,- PI 2008-
Trial to Reduce IDDM in the Genetically at Risk (TRIGR), Deputy PI 2001-8, PI 2008-18
Finnish Pediatric Diabetes Register and Sample Repository, PI 2002-
Diabetes Prediction and Prevention Study (DIPP), Principal Investigator (PI), one of five PIs 1994-

TEACHING EXPERIENCE

- Responsible for the undergraduate course in pediatrics, University of Helsinki 2010-18
- Responsible for the specialist training in pediatrics, University of Helsinki 2008-10
- Responsible for the specialist training in pediatrics, University of Tampere 1998-2000

EXPERIENCE OF ORGANIZING SCIENTIFIC MEETINGS

2007, 46th Annual ESPE meeting. member of the Organizing Committee, 2,000
2006, 42nd Annual EASD meeting, member of the Scientific Program Committee, 14,000
1997, 16th International Diabetes Federation Congress, Vice-Chair, Scientific Program Committee, 9,000
1996, 32nd Annual EASD meeting, member of the Scientific Program Committee, 12,000
1995, 31st Annual EASD meeting, member of the Scientific Program Committee, 11,000
1995, Annual SSSD meeting, President, about 200 participants

PATENTS, INVENTIONS, AWARDS AND HONORS

Hyöty M, *Knip M*. Prevention of type 1 diabetes and other non-polio enterovirus diseases. European patent 1187631 706.9 – 2402

Hyöty H, *Knip M*, Laitinen O, Tolonen O, Pulkki M, Oikarinen S, Honkanen H-R, Lecouturier V, Almond J. Enterovirus vaccines for preventing or treating type 1 diabetes (I). European patent application 305714.7

Hyöty H, *Knip M*, Laitinen O, Tolonen O, Pulkki M, Oikarinen S, Honkanen H-R, Lecouturier V, Almond J. Diagnostic assay for type 1 diabetes. PCT application PCT/EP2011/061001

Matti Äyräpää Prize for successful scientific research, The Finnish Medical Society Duodecim 2017

The Johnny Ludvigsson Award, the Swedish Child Diabetes Foundation 2010

Research Award, European Society for Paediatric Endocrinology (ESPE) 2006

Novo Nordisk Lecture, Scandinavian Society for the Study of Diabetes 2006

The Medica Award for high quality and clinically important research within the field of pediatric internal medicine, Finska Läkaresällskapet 2006

Maud Kuistila Award for Scientific Achievement 2004

Knud Lundbæk Award, Scandinavian Society for the Study of Diabetes 1999

Honorary Doctor, Medical Faculty, University of Tartu 2012

OTHER KEY SCIENTIFIC OR ACADEMIC MERITS

Pre-examiner of doctoral dissertations, eight times 1996-2012

Opponent for doctoral dissertations, nine times 1999-2018

Research Council, University of Helsinki,-Member 2004-06

JDRF Medical Science Review Committee, Member 2005-08

Research Council for Health, Academy of Finland, member 2007-09

Vice Chair 2010-12

MEMBERSHIPS AND POSITIONS OF TRUST IN SCIENTIFIC SOCIETIES

2013-15, Lancet Diabetes & Endocrinology, Editorial Board Member

2005-08, Journal of Clinical Endocrinology and Metabolism, Editorial Board Member

2001-, Pediatric Diabetes, Editorial Board Member

2000-08 European Journal of Endocrinology, Editor

2014- Finnish Academy of Sciences and Letters, member

1999- Finnish Society of Sciences and Letters, member

1996- Immunology Diabetes Society (IDS), Treasurer 2001-05

1989- European Association for the Study of Diabetes (EASD), Council Member 2000-03

SCIENTIFIC IMPACT OF RESEARCH

Publications

676 original papers, 104 reviews and editorials, 90 other publications, and 656 abstracts

H-index: 89 (WoS) Citations without self-citations: 26,059 (WoS)

RANKING

Ranking 4th among world's top experts on type 1 diabetes

<http://expertscape.com/ex/diabetes+mellitus%2C+type+1>