

## PERSONAL INFORMATION

Pia Annunen

## WORK EXPERIENCE

February 2018–Present

**Senior Medical Officer**

FIMEA (Finland)

Clinical assessor for marketing authorization applications  
PDCO Alternate Member

September 2011–April 2017

**Country Medical Director**

Oy Bristol-Myers Finland Ab (Finland)

responsible for medical department and functions in Finland,  
-member in the leadership team

March 2009–September 2011

**Head of Medical and Scientific Advisors**

Pfizer Oy (Finland)

-leading medical and scientific advisors team in Finland  
-medical advisor role in pain and preventing drug abuse

August 2008–March 2009

**Senior medical officer**

National Agency for Medicines/FIMEA (Finland)

-clinical assessment of marketing authorizations

February 2005–July 2008

**Medical advisor**

Roche Oy (Finland)

- medical advisor in rheumatology and osteoporosis  
- lead medical team in rheumatology, osteoporosis and virology

March 2002–February 2005

**Medical Advisor**

Wyeth (Finland)

- Nordic medical advisor for oncology and hematology  
- all Finnish-related medical tasks

July 2000–January 2002

**Director, Molecular Endocrinology, R&D**

Esoterix Endocrinology (United States)

-design, development and commercialization of genetic tests  
-leading molecular endocrinology team  
-member of leadership team

June 1999–June 2000

**Consultant**

Esoterix Endocrinology (United States)

-evaluation of possible molecular endocrinology projects  
-design of the first gene test for the company

October 1998–June 2000

**Post doc -researcher**

UCLA (University of California, Los Angeles) (United States)

- studying genetic background for heritability of migraine using DNA-samples from Finnish migraine families

**March 1998–October 1998 Post doc -researcher**

University of Helsinki (Finland)

- studying genetic background for heritability of migraine using DNA-samples from Finnish migraine families

**January 1992–March 1998 Researcher, lecturer**

University of Oulu ( Department of Medical Biochemistry) (Finland)

- teaching medical biochemistry for medical students in the group work, by giving lectures and keeping both oral and written examinations partly at the same time when I did both my own medical studies and doctoral thesis

**1995–1997 general physician**

Several municipalities (Finland)

- short periods of working as a general physician in health care centers

**EDUCATION AND TRAINING**

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**August 1990–September 1996 MD**

University of Oulu (Finland)

physician

**January 1992–March 1998 MD, PhD**

University of Oulu (Finland)

PhD thesis on collagen biosynthesis in the Department of Medical Biochemistry

**ADDITIONAL INFORMATION**

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**Expertise** molecular biology, genetic technology, genetic screening, genetic testing, clinical trials, epidemiology studies, immuno-oncology, rheumatology, osteoporosis, anticoagulation, pain, pharmaceutical development

**Publications** • 13 original articles in the international peer-reviewed journals  
• Book Chapter in “Pediatric endocrinology”- book

**Projects** patents: K. I. Kivirikko, T. Pihlajaniemi, T. Helaakoski, P. Annunen, R. Nissi, M. Nokelainen: ✓ 2 subunit of prolyl 4-hydroxylase, nucleic acid sequences encoding such subunit and methods for producing the same.

United States Patent, patent number: 5,928,922. July 27, 1999. Europe Patent, patent number: 97916071.0-2116. February 1, 1999.

**Memberships** Scientific awards and grants: 1998-2000 Academy of Finland, 1999 The Finnish Cultural Foundation, 1998 Emil Aaltonen Foundation, 1998 University of Oulu, 1996-1998 The Jenny ja Antti Wihuri Foundation, 1997 The Farnos Science Foundation, 1997 The University of Oulu Foundation, 1995-1996 Finnish Doctors' Society Duodecim

**Other Relevant Information**