

CURRICULUM VITAE

Name:	Finel, Moshe
Title:	Ph.D., Docent
Occupation:	University Researcher and Group leader, Centre for Drug Research (CDR, formerly DDTC), Faculty of Pharmacy, University of Helsinki, Finland
Date and place of birth:	December 19, 1952, Israel

Education:

Bachelor of Science, The Hebrew University of Jerusalem, Faculty of Agriculture, Rehovot, Israel. Graduation on 29.6.1982.

Master of Science, The Feinberg Graduate School of the Weizmann Institute of Science, Section of Life Sciences, Rehovot, Israel. Graduation on 28.11.1983.

Ph.D., University of Helsinki, Natural Sciences Faculty, Department of Biochemistry. Graduation on 22.6.1989

Education abroad:

Postdoctoral training in the Laboratory of Molecular Biology, Medical Research Council, Cambridge, UK. 10.7.1989 - 9.7.1991

Positions held:

Research Associate, Department of Medical Chemistry, University of Helsinki, 1984 -1989

Researcher (postdoc), Laboratory of Molecular Biology, Medical Research Council (MRC), Cambridge, UK, 1989 - 1991

"Young Researcher", the Academy of Finland, Medical Research Council, 1.8.1991 - 31.7.1993

Teaching "assistant" (lecturer), University of Helsinki, Department of Medical Chemistry, 1.1.1993 - 31.12.1997 and 1.1.1998 - 31.12.2002

Chief research scientist, DDTC, Faculty of Pharmacy, University of Helsinki, 1.8.2000-31.9.2007. On January 2008 the name of this position was changed to "University Researcher". It is currently my permanent position.

"Academy Researcher" 1.10.2007 - 31.7.2008, Group leader, CDR (Centre for Drug Research, the new name for DDTC), Faculty of Pharmacy, University of Helsinki.

"University Researcher" and Group leader, CDR, Faculty of Pharmacy, University of Helsinki. 1.8.2008 - present

Research activities abroad:

Postdoctoral researcher, Laboratory of Molecular Biology, Medical Research Council, Cambridge, UK, 1989 - 1991

Scientific recognition:

Docent in medical chemistry, University of Helsinki, 6.6.1994

Established competencies:

Professorship in biochemistry, Faculty of Science, University of Helsinki, 1996

Main research activities:

M.Sc. Thesis: Isolation and partial characterization of the ATP synthase, CF₀-CF₁ complex, of the halotolerant alga *Dunaliella bardawil*. Department of Biochemistry, Weizmann Institute of Science, Rehovot, Israel.

Ph.D. Thesis: Oligomeric structure and subunit requirement of proton-translocating cytochrome oxidase. Department of Medical Chemistry, University of Helsinki, Finland.

Bacterial respiratory chain terminal oxidases, 1987 - 1994.

Structure and function of the mitochondrial NADH:ubiquinone reductase (Complex I), 1989 - 2002.

Mitochondrial diseases, 1992 - 2006.

Molecular biology of bacterial NADH:quinone reductases, Complex I (NDH-1) and NDH-2, 1994 - 2006.

The human UDP-glucuronosyltransferases (UGTs) and the glucuronidation of xenobiotics and endogenous molecules, 2001 - present.

Drug efflux and uptake transporters, 2009-present.

Supervised doctoral dissertations

Anna Majander (1996), Department of Medical Chemistry, University of Helsinki.

Marko Kervinen (2006), Department of Medical Biochemistry, University of Oulu.

Ingo Bichlmaier (2008), Faculty of Pharmacy, University of Helsinki.

Anne-Sisko Patana (2009), Institute of Biotechnology, University of Helsinki.

Sanna Siissalo (2009), Faculty of Pharmacy, University of Helsinki.

Anna Alonen (2009), Faculty of Pharmacy, University of Helsinki.

Taina Sten (2010), Faculty of Pharmacy, University of Helsinki.

Sanna Kaivosari (2010), Faculty of Pharmacy, University of Helsinki.

Katriina Itäaho (2011), Faculty of Pharmacy, University of Helsinki.

Publications:

The list of publications is given separately.

Membership in scientific societies

American Society for Pharmacology and Experimental Therapeutics (ASPET)

Finnish Pharmacological Society (Suomen Farmakologiyhdystys, SFY)
