

Nuutila: CURRICULUM VITAE

1. FULL NAMES:

Surname: Nuutila

Forename(s): Jari Timo Juhani

DATE AND PLACE OF BIRTH:

4.3.1967, Valkeakoski, Finland

2. EDUCATION:

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| • Upper secondary school (finnish), Valkeakoski | 31.5.1986 |
| • Master of Science, Biochemistry, University of Turku (finnish) | 26.9.1994 |
| • Doctor of Philosophy, Biochemistry, University of Turku | 13.5.2004 |
| • Adjunct professor (Docent) in Biochemistry, University of Turku | 7.4.2009 |
| • Adjunct professor (Docent) in Immunology, University of Helsinki | 19.9.2013 |

3. PROFESSIONAL APPOINTMENTS:

- **Research assistant/Researcher:**
1.1.1992-31.12.1998
Dept. of Inorganic Chemistry, University of Turku
Dept. of Haematology, Turku University Central Hospital
Dept. of Biochemistry, University of Turku
Dept. of Oncology, Turku University Central Hospital
Dept. of Dermatology, Turku University Central Hospital
- **Assistant, employment contract made for a specified period, Dept. of Biochemistry, University of Turku:**
1.3.1998-31.5.1998 (Assistant of Biochemistry/biokemian assistentti)
1.1.1999-31.3.1999 (Assistant of microbiology/mikrobiologian assistentti)
- **University Teacher (5-year period), Dept. of Biochemistry, University of Turku (CURRENT POSITION):**
1.4.1999-current

4. ACADEMIC SUPERVISIONS:

- Eleven M.Sc Research Projects (1995-present)
- Six Bachelor of Science theses (2002-present)

5. SCIENTIFIC EXPERT POSITIONS:

1. Research manager/member of management group in several clinical study projects funded by National Technology Agency of Finland (TEKES) during 1995-2005:
 - Project for the new methods for the food allergy diagnosis (1995-2000)
 - Project for the differential diagnosis of infectious diseases (2001-2003)
 - Project for the determination of a surface antigen from fixed leukocytes (2004-2005)
2. Research manager/Independent Post doc-researcher/Member of management group of a clinical study funded by Turku University Hospital:
 - Quantitative analysis of phagocyte cell surface receptors-a novel method for distinguishing between bacterial and viral infections (2001-present)
3. Referee for several scientific journals (Cytometry, Journal of Histochemistry and Cytochemistry, Scandinavian Journal of Infectious Diseases, Journal of Infection, Biochimica et Biophysica Acta, Regulatory Toxicology and Pharmacology, Immunology)
4. Editorial board member of World Journal of Clinical Infectious Diseases

5. Flow cytometry lecturer, Dept. of Biological and Environmental Sciences, University of Jyväskylä (2001-2003)
6. Member of organizing committee: 6th Symposium on fish immunology May 2004, Turku, Finland, Workshop program and instructions of luminescence and flow-cytometry applications for fish immunology.

6. MOST IMPORTANT SCIENTIFIC POSITIONS IN TRUST:

- Member of Council of the Department of Biochemistry, University of Turku (1.1.2001-31.12.2003)
- Member of Council of the Health and Biosciences, University of Turku (1.8.2004-31.7.2007)
- Member of Council of the Health and Biosciences, University of Turku (1.8.2007-31.7.2010)
- Member of Council of the Department of Biochemistry, University of Turku (1.4.2010-31.12.2013)

7. GRANTS, AWARDS & HONORS:

- Best poster award: Nuutila, J. *et al.*, New method to differentiate between bacterial and viral infections. 19th Annual Meeting of the Scandinavian Society for Antimicrobial Chemotherapy. August 30-September 1, 2002 Turku, Finland.

8. SUMMARY OF THE RESEARCH CAREER:

1. M.Sc. Research Projects (5 months) 1991. Research topic: Calcium dependence of phagocytosis and respiratory burst activity measured by flow cytometer and luminometer, respectively. M.Sc. 1994.
2. Research assistant 1992-1998. Research topic: Neutrophils functions (receptor expression, phagocytosis, and respiratory burst) in different *in vivo* and *in vitro* circumstances.
3. Research manager/member of management group in several clinical study projects funded by National Technology Agency of Finland (TEKES) during 1995-2005. Research topics: Application of neutrophil functions (receptor expression and respiratory burst) in clinical allergy/atopy and infection diagnostics.
4. Postgraduate student (University of Turku, Department of Biochemistry) 1995-2004. Monograph dissertation: "Interrelations between receptor expression, respiratory burst, and phagocytosis. *Annales Universitatis Turkuensis*, Ser.AI; Tom.313: 127 pages, ISBN 951-29-2625-3" with the grade of *Eximia cum laude approbatur*. PhD 2004.
5. Research manager/ Member of management group of an ongoing clinical study funded by Turku University Hospital 2001-present. Research topics: Application of phagocyte receptor expression and complement activity in differentiation between bacterial and viral infections.
6. Independent Post doc-researcher (University of Turku, Department of Biochemistry) 2004-2009. Research topics: Application of phagocyte receptor expression and complement activity in differentiation between bacterial and viral infections. Docent in Biochemistry (2009) and Immunology (2013).
7. Independent senior researcher (University of Turku, Department of Biochemistry) 2009→. Research topics: Applications of leukocyte receptor expression and serum soluble markers in distinguishing between bacterial and viral infections.
8. Publications: 30 ARTICLES IN REFEREED INTERNATIONAL SCIENTIFIC JOURNALS, 2 BOOK CHAPTER CONTRIBUTIONS, and 1 PATENT