Curriculum vitae 2017, Anja Hviid Simonsen, M. Sc. pharm, ph.d,

Education and academic degrees:

February 2007: Ph.D. Copenhagen University, Faculty of Health Sciences

Ph.d. thesis project: *Proteomics based assessment of proteins in the cerebrospinal fluid: Pathogenetic and clinical significance in Alzheimer's disease*

February 2001: M. Sc Pharm. Danish Pharmaceutical University

Master Thesis Project: *Development of an immunoassay (ELISA) measuring type IV collagen fragments in urine. An early biomarker for diabetic nephropathy?*

1997: Scholarship, Institute for Farmacology, Danish Pharmaceutical University.

Project title: *Age related farmacological changes in rat coronary arteries.*

Employments:

2016- : Senior Researcher and Director of the Danish Dementia Biobank
- Research in biomarkers for neurodegenerative diseases, supervision of phd students and technicians
- Responsible for the Danish Dementia Biobank including establishment of national and international collaborations
- Responsible for a research laboratory for proteomic and biomarker studies

2008-2015 : Post Doc, Danish Dementia Research Centre, Dept of Neurology, Rigshospitalet.
- Research in biomarkers for neurodegenerative diseases
- Responsible for set up and development of the Danish Dementia Biobank including establishment of national and international collaborations
- Responsible for the establishment and management of a research laboratory for proteomic and biomarker studies
- In 2013: planning of relocation of laboratory from one site to another at Rigshospitalet.

23. Dec 2013- 12.Jan 2015: Maternity leave

20. Dec 2010- 01.Nov 2011: Maternity leave

Nov 2006- Dec 2007: Laboratory manager Ciphergen Biosystems/Bio-Rad
- Leading scientist in contract biomarker research projects for pharmaceutical companies. Duties included experimental design and laboratory work, data analysis and reporting both in writing and as presentations
- Presentations for potential customers and at international meetings
- Management of research laboratory and one research assistant

Aug 2001- Oct 2006: Research assistant (from 2003 also ph.d. student), Ciphergen Biosystems
- Laboratory work in contract biomarker research projects, collaborative projects with academic partners, and internal assay development
- Data analysis and reporting

May 2001- Aug 2001: Maternity leave replacement for pharmacist, Bispebjerg Hospital Pharmacy

Feb 1997- Feb 1998: Scholarship, Institute for Farmacology, Danish Pharmaceutical University.
Project title: *Age related farmacological changes in rat coronary arteries.*

Academic supervision & Teaching
- Project supervisor on 1 finalized PhD-project (Anette Lykke Petri, KU-SUND, 2009)
- Project supervisor on 3 ongoing PhD-projects (Malene Schjønning Nielsen, KU-SUND, enrolled in 2012, Nina Rostgaard, KU-SUND, enrolled in 2013, Camilla Steen Jensen, KU-SUND, enrolled in 2015)
- Assistant supervisor on 1 finalized PhD-project (Sara Winther Bech, KU-SUND, 2012)
- Assistant supervisor on 1 ongoing PhD-project (Tua Vinther Jensen, enrolled in 2012)
- Project supervisor on 1 finalized masters degree project (Pia Brandt Danborg, KU-SCIENCE, 2013)
- Lectures in pack-courses: 'Biobanking' for Laboratory technicians, 'biomarkers' for ScienceTalenter (www.sciencetalenter.dk), 'PhD course in dementia – biomarkers in Alzheimer's disease' for PhD students.
- Lectures and lab-based teaching: ' Biomarkers discovery using mass spectrometry' – Ciphergen & Bio-Rad customers

Publications
H index = 15 (February 2017)

37 published papers, 3 book chapters, and 5 patents.

Recipient of the 2013 Research Prize of the Danish Order of Freemasons (Frimurerprisen)

Management experience
- Danish Scientific Coordinator of the PredictAD project, funded by the EU 7th framework programme
- Coordinator of the Danish Dementia Research Centre's contribution to the BIOMARKAPD EU funded project
- Coordinator of the biobank and biomarker part of the ADEX study funded by the Danish Council for Strategic Research
- Management of one technician, five phd students and one masters student

Scientific focus
Research in biofluid markers dealing with the presence of proteins and peptides in cerebrospinal fluid and blood for diagnosis of Alzheimer's disease, frototemporal dementia and other neurodegenerative diseases. Experience in proteomics and genomics technologies and data analysis of results from these tests. Biobanking and sample quality research. Integration of multiple results into the diagnostic procedures.