

CV, Kasper Planeta Kepp

Born 23/7 1975. Address: Backersvej 125, DK-2300 Copenhagen S, Denmark. 2 children, married.

Work

09. 2016 – Professor MSO, DTU Chemistry
01. 2012 to 08.2016 Associate Professor, DTU Chemistry
01.2009 to 12.2011 FNU Steno Fellow (Associate Professor), DTU Chemistry.
09.2007 to 12.2007 Visiting Scholar, Stanford University.
01.2007 to 12.2008 VKR fellow, DTU Chemistry.
01.2005 to 12.2006 EMBO long-term postdoc fellow, Yale University.
Paternal leave: Total 20 weeks. Dec 1–14 2009; Aug–Oct 2010; Nov 10–24 2011; July 30–Sep 2 2012.

Education

11.2000 to 10.2004 Ph.D., Lund University. Defense: Oct. 29, 2004.
09.1997 to 10.2000 M.Sc. in chemistry, Copenhagen University.
09.1994 to 07.1997 B.Sc. in physics, B.Sc. in chemistry, Roskilde University (RUC).

Professional experience

1. Reviewer for international journals (~20/year), >90 reviews for ACS since 2007.
2. Course teaching: Coordination Chemistry 26124 at DTU (~60 students) and "Fundamental Chemistry", 26028, DTU (~200 students), Fundamental Chemistry for General Engineering, 26030 (100 students).
3. Consultancy for World Anti-Doping Agency 2008–2010
4. Boards: a) MC member, EU COST action ECOSTBio, 2012–; b) Code of Conduct representative 2017–; c) DTU Board of Information Security, 2009-2015; d) President, Yale Nordic Soc. 2005-2006.
5. ~60 scientific presentations (talks and posters at meetings).
6. Recent invited talks at international conferences: EICC-4, Copenhagen July 2017, Danish Neuroscience Society meeting, Nyborg May 2017, ICCP-9 Nanjing July 2016, ECOSTBIO, Belgrade Aug 2015; ICCB, Hawaii July 2015; ICCMSE, Athens Apr 2014.
7. Reviewer, book proposals and national science foundations (UK, Austria).

Prizes and awards

National Young Elite Researcher Prize from DFF, 2009.
Steno Stipend, FNU (Danish Research Council), 2008.
EMBO Long Term Fellow, 2005-2006.
Novo Nordisk Scholarship Award for M.Sc. studies, 2000.

Fund raising as head applicant (~13.5M DKK as head applicant)

Research grant, DFF: "Clinical-Chemical Relationships and Recipes for γ -Secretase Modulators", 2017.
Research grant, FNU: "Zinc and copper sites in Alzheimer's disease", 2013.
Research grant, FTP: "Rational Evolution of Superstable Laccases", 2010.
Steno Stipend, DFF, 2009-2011.
Stanford visiting scholar grant, DFF, 2007.
VKR Postdoctoral Fellow 2007-2008.
Three grants, Danish Center for Scientific Computing, 2007-2012.

Funding as co-applicant

FTP project on laccases; Main PI: Prof. Anne Meyer, DTU Chem. Engineering, 2015. 20M DKK strategic research project on human milk saccharides; Main PI: Prof. Jørn D. Mikkelsen, DTU Chem. Engineering, 2010.

Communication skills / teaching

Nominated Best teacher of the Year, three years in a row, DTU 2013, 2014, 2015.

Innovation: Patent applications

"A mutant sialidase having trans-sialidase activity for use in production of sialylated glycans", WO2014167112, PCT/EP2014/057422 filed 16.10 2014. US patent application # 20160076013, 2016.

Project leadership

PI of >50 scientific projects (>60 corresponding author papers), ~13.5M DKK direct funded project leadership, incl. budget planning, application, recruiting, budget control, project management and scientific leadership of all projects. *Efficiency*: ~45 peer-reviewed corresponding author papers from this funding (>3 per 1 M DKK funded). *Co-management*: 26M DKK (Strategic Research Council, FTP) and EU-COST action (ECOSTBio) since 2012.

International relationships

Postdoc at Yale and Stanford (W. L. Jorgensen and E. I. Solomon). MC member, ECOSTBio (head: prof. Marcel Swart); international-level consultancy (WADA); top international collaborators include E. Shakhnovich (Harvard), Li Ji (Zhejiang University, China), and Tom Blundell (Cambridge).

Group leadership / Supervision

Successfully finished: 2 postdoc, 2 Ph.D., 2 M.Sc., 8 B.Sc., 5 undergraduate project groups.
Current: 1 Ph.D. student, 2 project students, Starting Autumn 2017: 1 postdoc, Jan 2018: 1 postdoc.

Publications and citations

82 international peer-reviewed articles (70 original journal articles, 10 journal reviews, 2 book chapters). 49 first-author, 61 corresponding author. Cited >2600 times (Google Scholar) >2000 times (WoS). H-index: 26 (Google Scholar), 24 (WoS), 9 of 10 top-10 cited papers as first-author.