

## **Daniel Wüstner, PhD, Associate Professor**

### **Personal data:**

Date of birth: February 6, 1974

Nationality: German

Civil status: Married to Sandy Wüstner; two children, born 2008 and 2010

### **Education and Degrees:**

1994 B.S. in Biophysics, Humboldt-University Berlin

1997 Diplom/Master (M.S.) in Biophysics, Humboldt-University Berlin

1998 EMBO course on Protein-Lipid Interactions, Utrecht, The Netherlands

2000 PhD in Experimental Biophysics from Humboldt-University Berlin, Supervisors: Prof. A. Herrmann and Prof. R. Heinrich; Overall rating "*Summa cum laude*"

### **Academic and research appointments:**

2000-2002 Postdoctoral associate in the field of Biochemistry/Cell Biology with Prof. Dr. F.R. Maxfield; Weill Medical College of Cornell University, New York, USA

2003-2005 Postdoctoral associate in the field of Computational Biophysics with Dr. habil. H. Sklenar; Max Delbrück Center for Molecular Medicine, Berlin, Germany

2005-2008 Assistant Professor at the Department of Biochemistry and Molecular Biology of the University of Southern Denmark. Odense, Denmark

2009- Associate Professor at the same Department

### **Awards/scholarships:**

1997-2000 PhD fellowship from the graduate school of the Deutsche Forschungsgemeinschaft (DFG) "Dynamics and Evolution of Cellular and Macromolecular Processes"

2001-2002 Postdoctoral fellowship in Biomedical Research from the Charles H. Revson Foundation, USA

2002-2005 Postdoctoral fellowship from the Max Delbrück Center for Molecular Medicine, Berlin, Germany

### **Recent grant support:**

2013-2015 NovoNordisk fonden, Dkr. 1000.000,-;

2013-2017 Villum fonden Dkr. 5.180.390,- (together with T. Pomorski from Copenhagen University)

2014 Co-applicant for Villum Center for Bioanalytical Sciences 60.000.000,- Dkr. (PI: Ole Nørregaard Jensen)

### **Language skills:**

German (mother tongue), fluent in English and Danish (I teach in both languages and learned Danish in parallel to research and teaching at SDU in Denmark).

### **Current research focus**

- Cholesterol transport in relation to human disease
- Biology and biophysics of sterol-binding proteins
- Lysosome composition, dynamics and distribution in relation to human disease
- Development of fluorescent probes for analysis of cellular transport processes
- Quantitative image analysis and image-based modeling of cellular phenomena

Further information under:

[http://www.sdu.dk/en/Om\\_SDU/Institutter\\_centre/Bmb\\_biokemi\\_og\\_molekylaer\\_biologi/Forskning/Forskningsenheder/DanielWustner](http://www.sdu.dk/en/Om_SDU/Institutter_centre/Bmb_biokemi_og_molekylaer_biologi/Forskning/Forskningsenheder/DanielWustner)

### **Administrative responsibilities**

2011-2013 Study board pharmacy at SDU

2013- Executive board member of SDU's eScience Center (<http://escience.dias.sdu.dk/>)

### **Supervision of Students and Postdocs**

Finalized: three bachelor thesis', two ITEK projects, two Master projects; three PhD students, three postdocs

Current: supervision of one postdoc and co-supervision of two PhD students (together with Dr. Jacob Kongsted, FKF, SDU and Dr. Achim Schroll, IMADA, SDU, respectively)

### **Referee**

Reviewer for *Traffic*, *Molecular Biology of the Cell*, *Biophysical Journal*, *Biochemistry*, *Journal of Physical Chemistry*, *Journal of Microscopy*, *Chemistry and Physics of Lipids* and *Bulletin of Mathematical Biology*

Editorial Board Member for *Scientific Reports* (Nature Publishing Group)

Review of grant applications for the Dutch, Canadian and Finish Academy of Sciences (2010-current)

External referee for PhD thesis' at Aarhus University

I participated in the following management courses:

2011 Project management for researchers, SDU Denmark

2012 Course for PhD supervisors, SDU Denmark

2014-15 Lederintroduktionsprogram, SDU Denmark

2015 CBS Executive Research Management Course