

PERSONAL DATA

Name: **Alexander Kai Büll**

Born: 7.2.1982 in Stuttgart, Germany

EDUCATION

- 04/2008 - 06/2011 PhD studies, Magdalene College and Nanoscience Centre, Cambridge University, supervisor Prof. Sir Mark Welland, PhD thesis: <https://doi.org/10.17863/CAM.17176>
- 09/2004 - 06/2007 Licence and Master September, Ecole Normale Supérieure, Paris and Université Paris VI, Studies of General and Physical Chemistry, final degree MSc, Mention "très bien" (high honours), best in the year in this specialization
- 10/2002 - 07/2004 Studies of Chemistry and Biochemistry, University of Tübingen, Germany, Pre-diploma in Chemistry ("Vordiplom") obtained, average mark 1.2

CURRENT EMPLOYMENT and PREVIOUS POSITIONS

- 04/2019 - present Full Professor of Protein Biophysics at DTU Bioengineering
- 10/2015 - 03/2019 W1 Professor at the Institute of Physical Biology of the Universität Düsseldorf
- 10/2011 - 09/2015 Research associate, Chemistry Department, Cambridge University

ELIGIBLE CAREER BREAKS

Parental leaves (3 months in total): June-August 2020

OTHER SCIENTIFIC QUALIFICATIONS- Peer review and evaluation activities/ BOARD & SCIENTIFIC COMMUNITY MEMBERSHIP

- Member of Subcommittee 8 (Biology) of the Institut Laue Langevin (ILL) proposal evaluation system (2017-2019)
- Member of more than 10 PhD thesis committees
- Editing of a book (with T. Knowles and S. Perrett) on Biomaterials, published 11/2019
- Editing of a special issue of "Biophysical Chemistry" in honor of the late Prof. Sir Chris Dobson (2021)
- Referee for Analytical Chemistry, JACS, The Journal of Physical Chemistry, ACS Nano, Chemical Communications, PLOS One, Langmuir, Biophysical Journal, Biophysical Reviews and Letters, ACS Chemical Neuroscience, JMB, Scientific Reports, Colloids and Surfaces B: Biointerfaces, Nature Communications, Nature Nanotechnology, FEBS letters, JoVE, Proteomics, Science Advances, eLife and others. Publons profile: <https://publons.com/a/1325421>
- Editorial board member of the journal Biomolecules (from 09/2020)
- Referee for grants from the Czech, Swiss, Polish, Dutch, French and Luxembourg National Science Foundation, the BBSRC and the European Research Council (ERC)
- Co-organisation of a workshop on 'Improving biomaterials through better understanding of their assembly mechanisms', Weizmann Institute of Science, September 2017

ACADEMIC AWARDS AND HONOURS (LAST 10 YEARS)

- The 2017 Erwin-Niehaus-Prize of the Alzheimer Research Initiative Germany (AFI)
- The Biochemical Society 2017 Early Career Research Award for Biotechnology
- The 2016 Young Investigator Award of the German Society for Biophysics

SELECTED SCHOLARSHIPS AND GRANTS

Scholarships

- Leverhulme Trust Early Career Fellowship (from October 2013, worth 90,000£)
- Thomas Nevile research fellowship at Magdalene College, Cambridge (2011-2014, worth 60,000£)
- EMBO short term fellowship to visit the University of Aarhus (07-08/2011)
- Three years scholarship at the Ecole Normale Supérieure (ENS), Paris ('Sélection Internationale') (2004-2007)
- 2 years scholarship of the VCI (German chemical industry) (2002-2004)
- Scholarship of the 'Studienstiftung des deutschen Volkes' (German National Merit Foundation) (2002-2007)

Grants

- Co-PI on NNF grand challenges grant on plant proteins, 2021, total grant 56 million DKK, of which I will obtain 16 million DKK, project will run from 01/2022-12/2028
- Villum Foundation Experiment grant 2020 (worth ca. 270,000€)

- DFF-ERC support grant 2019-2020 (worth ca. 100,000€)
- Principal Investigator of a grant from the German research foundation (DFG), (June 2017-May 2020, worth ca. 330,000€)
- Principal Investigator of a research grant from the Alzheimer Forschung Initiative (AFI) (11/2016, worth 40,000€. Ranked highest of all submitted grants this year.
- Principal Investigator of a research grant from the Parkinson's and Movement Disorder Foundation (01/2016, worth \$10,000, ranked highest out of all 103 submitted proposals)
- SAXS beamtime at ESRF Grenoble for the study of protein-lipid interactions (12/2016)
- Neutron scattering beam times at ILL for the study of protein-lipid interactions (2015 and 2016)

MANAGEMENT & LEADERSHIP EXPERIENCE

Own research group (8 people): My research group comprises currently 4 PhD students, 2 postdocs, 1 technician and 1 technician trainee. One of the PhD students is still at the University of Düsseldorf, where I had my research group before moving to DTU.

Other management and leadership experience

Graduate of the Leadership training program "Young leaders in science" by the Schering Foundation Course responsible for several Master's and Bachelor's courses in Düsseldorf and at DTU Participated in ~20 PhD examination committees (Germany, France, Spain, Denmark, Belgium)

INTERNATIONAL RELATIONS

Collaboration with researchers at various international universities: St. Jude children's hospital (Memphis Tennessee), Institut Pasteur (Paris), University of Düsseldorf, University of Oxford, University of Amsterdam, Lund University, Malmö University

INDUSTRY and INNOVATION collaborations

Ongoing collaborations with several companies: BGI, Novozymes, Coloplast, Nanotemper, Fidabio, Lundbeck

SUPERVISION OF STUDENTS

7 PhD students as principal supervisor (3 graduated, 4 ongoing), 9 master students as principal supervisor, 4 as co-supervisor, 4 bachelor students as principal supervisor

PUBLICATIONS

ResearcherID: B-4155-2013, ORCID ID: 0000-0003-1161-3622

Peer-reviewed publications: 75.

h-index: 31 (Scopus) 36 (google scholar)

Citations: ~3400 (Scopus) ~4400 (google scholar)