

Brigitte Städler

Professor, Dr. - ORCID: 0000-0002-7335-3945 - inano.au.dk/about/research-groups/brigitte-stadler

Education

- Switzerland, ETH Zürich - PhD Degree of Science, 2007
- Switzerland, ETH Zürich - Diploma in Material Engineering, 2004

Working Experience

- Denmark, Aarhus University, iNANO - The Interdisciplinary Nanoscience Center
 - Professor, 04/2023 – now
 - Associate Professor, 01/2015 – 03/2023
 - Assistant Professor, 01/2011 – 12/2014
- Australia, The University of Melbourne, Department of Chemical and Biomolecular Engineering
 - Research fellow, 08/2008 – 11/2009
 - Swiss National Foundation fellowship, 08/2007 – 07/2008

Academic Awards and Honours

- Den danske polymerpris – ATV/Elastyrenprisen (2020)
- L’Oreal/UNESCO – For Women in Science Fellowship (2011)
- ETH medal for the PhD thesis (2007)

Management Experience/Grant Applications

Current:

- *Ex-Vivo Epidermis Model to Identify Clinically Relevant Treatment Targets in Inflammatory Skin Diseases*, Research Project 1, The Danish Council for Independent Research, FSS (PI, 2024 - 2027), **2.6 MioDKK**
- *Engineered Lipid Droplets as Semi-Synthetic Intracellular Organelles*, NovoNordisk Foundation (PI, 2024 – 2027) **2.9 MioDKK**
- *3D Printed Soft Robotic Frog with Light-Responsive Legs*, Danmarks Frie Forskningsfond (DFF-FNU Project 1), (PI, 2022-2026) **2.88 MioDKK**
- *Unravelling the Code of Mitochondrial-Nuclear Communication*, Human Frontier Science Project (co-PI, 2022 – 2025) **380 kUSD**
- *Hepatocytes-Like Microreactors for Liver Tissue Engineering*, ERC-Consolidator Grant (PI, 2018 - 2025) **15 MioDKK (2 MioEuro)**

Teaching (all at Aarhus University)

- 2018 – now Coordinator/Teacher, Nanosynthesis (5 ECTS BSc)
- 2018 – now Coordinator/Teacher, Experimental Nanoscience 2 (5 ECTS BSc)
- 2016 – now Teacher, Cleanroom-Based Nanofabrication (5 ECTS MSc)
- 2016 – now Teacher, Nanobiotechnology (10 ECTS MSc)
- 2013 – now Coordinator/Teacher, Biomaterials (5 ECTS MSc)

Other Professional Activities

- Guest Editor:
 - Small, Special Issue on *Synthetic Biology and Biomimicry* (2022)
 - Small, Special Issue on *Artificial Biology* (2020)
 - Adv. Drug Del. Rev, Theme Issue on *Therapeutic Enzymes* (2017)
 - Biomicrofluidics, Special Section on *Microfluidics in Drug Delivery* (2015)
- Editorial Advisory Board Member, *Small* (Wiley)
- International Advisory Board, *Advanced Science* (Wiley)
- International Advisory Board Member *Advanced Biology* (Wiley)
- Advisory Board Member *Molecular Systems Design & Engineering* (RSC)
- Organizer: ArtBio2022: Artificial Biology – Molecular Design and Cell Mimicry, Conference, Aarhus, Denmark (2022)
- Co-organizer: Scandinavian Society for Biomaterials, Conference, Aarhus, Denmark (2014)