

RESEARCH GROUPS AND LABS

8 Scientific Sections: 48 Research Groups/Labs and Group Leaders

Section of Applied Supramolecular Chemistry

- **Bioelectrochemistry** | Xinxin Xiao
- **Conjugated Materials** | Donghong Yu
- **Cyclodextrin Technology** | Thorbjørn Terndrup Nielsen

Section of Bioresources and Process Engineering

- **Bioprocess Technology** | Niels T. Eriksen
- **Biorefinery and Alternative Proteins** | Mette Lübeck
- **Environmental Technology** | Peter Roslev
- **Food Protein Analytics & Informatics** | Simon Gregersen
- **Membrane Distillation and Crystallization** | Cejna A. Quist Jensen
- **Membrane Intensification and Control** | Mads Koustrup Jørgensen
- **Plastic Biorefining and Bioupcycling** | Cristiano Varrone
- **Separation Science** | Morten Lykkegaard Christensen

Section of Chemical and Bioengineering

- **Advanced Materials and Circular Solution** | Morten Enggrob Simonsen
- **Advanced Redox and Separation** | Jens Muff
- **BioEngineering** | Stefan Junne
- **Biomass Conversion and Bioproducts** | Mette Hedegaard Thomsen
- **Chemical and Energy Systems Engineering** | Haoshui Yu
- **Green Fungi** | Jens L. Sørensen
- **H₂S** | Marco Maschietti
- **Spectroscopy and Data Science** | Sergey Kucheryavskiy
- **Supercritical Fluids** | Rudi P. Nielsen

Section of Disordered Materials

- **Computational Materials Chemistry** | Kasper Tolborg
- **Functional Amorphous Materials** | Yuanzheng Yue
- **Glass Structure and Mechanics** | Morten Mattrup Smedskjær
- **Materials for Water** | Vittorio Boffa
- **Structure and Dynamics of Complex Vitreous Materials** | Søren Strandkov Sørensen

Section of Environmental Biomonitoring

- **AI Technology for BIO Monitoring** | Sussie Pagh
- **Molecular Ecology** | Nadieh de Jonge
- **Plant Ecophysiology & Biodiversity** | Dan Bruhn
- **Science for Environmental Aquatics** | Niels Madsen

Section of Environmental Microbiology

- **Environmental Biotechnology** | Per Halkjær Nielsen
- **Microbial Ecology and Biofilms** | Morten Kam Dahl Dueholm
- **Microbial Metagenomics** | Mads Albertsen
- **Microbiomes for Sustainability and Restoration** | Caitlin M. Singleton

Section of Functional Ecology and Genomics

- **EcoClimate Modelling** | Michael Ørsted
- **Evolutionary Genetics** | Torsten Nygård Kristensen
- **Functional Ecology** | Simon Bahrndorff
- **Functional Genomics** | Kåre Lehmann Nielsen
- **Microbial Physiology** | Jeppe Lund Nielsen
- **Plant Physiology** | Majken Pagter

Section of Medical Biotechnology

- **Calcium Signaling** | Malene Bredal Brohus
- **Digital Health and Medical Microbiology** | Trine Rolighed Thomsen
- **Fungal Biotechnology** | Teis E. Søndergaard
- **Geroscience** | Anders Olsen
- **Molecular Engineering** | Peter Kristensen
- **Neuronal Cell Biology** | Helene Halkjær Jensen
- **MR Spectroscopy** | Reinhard Wimmer
- **Protein Science** | Michael Toft Overgaard

