



Scientific Research Topics

1) Sustainable Medicine and Pharmaceuticals

- Next generation vaccines & Therapeutic antibodies
- Virus technology
- Production system for biologics
- Small molecules process chemistry

2) Resources and Bioremediation

- Water resources and landfill leachate
- Material cycles & circular value creation
- Treatment processes and analytical methods
- POP's, micro pollutants, toxic compounds and their metabolites

3) Sustainable Chemistry & Industrial Biotechnology

- Chemo- and Biocatalysis
- Catalyst development
- (Bio-) Process engineering
- Renewable resources & side stream valorization

4) Innovative Materials & Formulations

- Bio based materials, lignocellulose including regenerated wood & active carbon
- Surfaces, membranes & coatings
- Hybrid materials & nanomaterials
- Polymer chemistry and technology