




Angela

MUTSCHLER, PhD

Assistant Professor, University of
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 [Linkedin](#)

PROFIL

Dr. Angela Mutschler is assistant professor at Bordeaux University since 2018. She received a PhD in Physics and Chemistry from the University of Strasbourg in 2017. During her PhD, she developed new antimicrobial coatings for medical devices by using peptides and polypeptides. In 2017, she joined the group of Dr. Benoit Frisch at the Faculty of Pharmacy in Strasbourg as temporary professor working on antimicrobial compact polyelectrolyte complexes. Now she focuses her research on the development of new smart drug delivery systems by using block copolymer assemblies, among which polymersomes.

EDUCATION

2018

Qualification "Maître de conférences"

Section 33 "Chimie des Matériaux" & section 85 "Sciences physico-chimiques et ingénierie appliquée à la santé »

2014 - 2017

PhD, Biomaterials Science

University Of Strasbourg

UMR 1121 Biomaterials and Bioengineering Laboratory

2011 - 2014

Master of Engineering, Polymers Science

University of Strasbourg,

European School of Chemistry, Polymer and Materials

EXPERIENCE

Assistant Professor

September 2018 – Current

University of Bordeaux

- Practical courses on Pharmacy Faculty: Physical and chemical properties of excipients, Drug biodistribution, pharmaceutical form design & formulation
- Responsible of three teach units in pharmaceutical technologies
- Involved in the research team "Polymer Self-Assembly & Life Sciences", LCPO, UMR 5629
- Research activity based on development of new drug delivery systems by using self-assembled polymers.
- Member of six funded research projects (ANR JCJC FORMATRAP & ROPISA, ANR PRC NoVel & PopArt, Horizon Europe SUPRALIFE & FORCE REPAIR)
- **16 scientific publications and 6 patents**

Temporary Lecturer and Research Assistant

October 2017 – August 2018

University of Strasbourg, Pharmacy Faculty

- UMR 7199 Laboratory of Design and Application of Bioactive Molecules
- Practical courses on pharmaceutical technologies
- Research activity based on development of antimicrobial compact polyelectrolytes complexes (CoPECs)

PhD Student

October 2014 – September 2017

University of Strasbourg, Dental Surgery Faculty

- UMR 1121 Biomaterials and Bioengineering Laboratory
- Conception of antimicrobial coatings by using peptides from innate defense applied to medical devices.
- 2 distinctions: Young Scientist Award – EMRS 2016 and 2nd student price – AVIESAN forum for Health Innovation in France and Québec 2016.