



Angela MUTSCHLER, PhD

Assistant Professor, University of
Bordeaux

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[LinkedIn](#)

PROFIL

Dr. Angela Mutschler is assistant professor at LCPO 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 polypeptide and polysaccharide-based block copolymer assemblies, among which polymersomes.

SCIENTIFIC SKILLS

Polymers Science	
Drug Delivery	
Biomaterials Science	
Cell culture	
Microscopy	
Spectroscopy	
<i>In vivo</i> experiment	
Surface chemistry	

LANGUAGES

French	
English	
German	

PERSONAL INTEREST

- ✓ Travel: Europe, Asia and North America
- ✓ Sport: Surf, Swimming, Hiking, Climbing.

EDUCATION

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

Sept. 2018 – Currently

Assistant Professor

University of Bordeaux, Pharmacy Faculty

- Practical courses on pharmaceutical technologies
- Responsible of the teaching unit "Health product engineering"
- Research activity based on development of new drug delivery systems by using self assembled polymers.
- Member of one funded research project (ANR TEPEE)

Oct. 2017 – Aug. 2018

Temporary Lecturer and Research Assistant

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)

Oct. 2014 – Sept. 2017

PhD Student

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 scientific publications as 1st author (IF: 9,4) and 2 U.S. patent filed.
- 2 distinctions: Young Scientist Award – EMRS 2016 and 2nd student price – AVIESAN forum for Health Innovation in France and Québec 2016.