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FRIEDRICH-ALEXANDER  
UNIVERSITÄT  
ERLANGEN-NÜRNBERG  
TECHNISCHE FAKULTÄT



**Biomaterials**  
Erlangen



## 9<sup>th</sup> Scientific Seminar of the “North-Bavarian Biomaterials Alliance (NBBA)”

**21<sup>st</sup> February 2019, Lecture Hall H14**

Department of Materials Science and Engineering, University of Erlangen-Nuremberg  
Martenstr. 5-7, 91058 Erlangen

### PROGRAMME

- 16.00 h      Welcome: **Prof. Aldo R. Boccaccini** (Institute of Biomaterials, FAU)
- 16.05 h      **Vera Bednarzig** (Boccaccini Group, FAU)  
*“Additive manufacturing to generate complex layered constructs for the application in cranial bone regeneration”*
- 16.20 h      **Stefan Schrüfer** (Schubert Group, FAU)  
*“Rheology of alginate - some new insights”*
- 16.35 h      **Laura Ramos-Rivera** (Boccaccini Group, FAU)  
*“Zein-based composite coatings with antibacterial and bioactive functionalities”*
- 16.50 h      **Vanessa Neubauer** (Scheibel Group, University of Bayreuth)  
*“Biomaterial containing recombinant spider silk scaffolds”*
- 17.05 h      **Indra Apsite** (Ionov Group, University of Bayreuth)  
*“Porous self-folding mats for muscle tissue regeneration”*
- 17.20 h      **Michael Mader** (Greiner Group, University of Bayreuth)  
*“Macroporous, biodegradable sponges based on electrospun fibers for tissue engineering and drug release applications”*
- 17.35 h      **Johanna Lutz** (Albrecht Group, University Hospital of Würzburg)  
*“Novel multivalent thioether-polyglycidol coating with broad biofunctionalization capacity for metal nanoparticles”*
- 17.50 h      **Florian Pinzner** (Groll Group, University Hospital of Würzburg)  
*“Vicinal and double chemoselective biofunctionalization of polyoxazolines”*
- 18.05 h      **Daniel Nahm** (Luxenhofer Group, University of Würzburg)  
*“Fabrication of microperiodic hydrogel Scaffolds via melt electrowriting”*
- 18.20 h      Concluding remarks & social hour, come together and discussions with beer and pretzels

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