

Gregor Jatzlauk
Diplom-Biochemiker
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Date of birth: 20.06.1987
Nationality: German



Employments

since Dec. 15 **PhD student** in Experimental Asthma Research, Research Center Borstel, Leibniz Center for Medicine and Biosciences, Borstel, Germany

The influence of D-Tryptophan, a probiotic compound, on the development of allergic airway inflammation

- *in vitro* and *in vivo* investigations of allergic inflammation using cell culture and mouse models, MACS separation, RNA array technique, cell transfection, read out techniques: flow cytometry, ELISA/CBA, qPCR
- active participant of the Borstel Biomedical Research School (postgraduate school)

Mar. 14 - **Research associate** in Transfusion Medicine, Institute of Transfusion Medicine and Immunology, Ernst-Moritz-Arndt University, Greifswald, Germany
July 14

Utilization of a surface acoustic wave biosensor for clinical and research-related antibody testing

- working with automated laboratory technique: programming sequences, monitoring and evaluation of investigations of antigen-antibody binding
- introduction for trainees, contribution to internal professional training

Oct. 13 - **Research assistant** in Transfusion Medicine, Institute of Transfusion Medicine and Immunology, Ernst-Moritz-Arndt University, Greifswald, Germany
Feb. 14

Optimization of diagnostic laboratory methods for platelet antibodies

- antibody testing of serum and plasma samples using ELISA and flow cytometry
- procuring drugs, blood and urine samples from patients and healthy donors
- creating Standard Operating Procedures (SOPs)

April 13 - **Diploma thesis** in Transfusion Medicine, Institute of Transfusion Medicine and Immunology, Ernst-Moritz-Arndt University, Greifswald, Germany
Feb. 14

Characterization of antibody binding properties in drug-induced immune thrombocytopenia

- research assignment of the International Society of Thrombosis and Haemostasis
- working out recommendations for the standardization of laboratory diagnostics (flow cytometry, EIA, MAIPA) for the Drug-induced Immune Thrombocytopenia

Qualifications

- March 14 **Diplom Biochemiker** (degree equivalent to master of science in biochemistry)
Institute of Transfusion Medicine and Immunology, Ernst-Moritz-Arndt
University, Greifswald, Germany
- June 07 **Allgemeine Hochschulreife** (general qualification for university entrance)
Oberstufenzentrum I, Cottbus, Germany

Conference contribution

- Feb. 16 5th Annual Meeting of the German Center for Lung Research, Hannover, Germany
Poster presentation within moderated discussion

Publications

Jatzlauk G, et al. Flucloxacillin-induced immune thrombocytopenia. *Transfusion* 56:
67-72, No. 1, Jan 2016

Additional Information

- Training FELASA B, Course on Laboratory Animal Science, Central Service and Research
Facility for Laboratory Animals, University of Greifswald
- Language
skills English: advanced (B2 level certificate)
German: mother tongue
Russian: basic knowledge
- Software
skills MS Office, MS Visio, GraphPad Prism, WinMDI, CXC Cytometry Analysis Software
(Beckman Coulter), Laboratory automation software SamX (SAW Intruments GmbH)