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15.07.1989, Duesseldorf (Germany)

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PhD student

EDUCATIONAL BACKGROUND

- 12/2016 - present **PhD student** in the Institute for Experimental Cellular Therapy (University Hospital Essen) enrolled at the Faculty of Biology of the University Duisburg-Essen
- 10/2014 - 10/2016 **Master of Science** in Biology at the University of Duisburg-Essen
- 10/2010 - 08/2014 **Bachelor of Science** in Molecular Biology at the University of Applied Science Gelsenkirchen, department Recklinghausen
- 08/2000 - 07/2010 General qualification for University entrance at the Gymnasium Essen-Werden, Essen

RESEARCH EXPERIENCE

- 05/2016 – 09/2016 **Master Thesis** at Institute for Experimental Cellular Therapy, University Hospital Essen, Essen, Germany
Title: “Molecular mechanisms of T-cell alloreactivity against polymorphic HLA-DP tissue-antigens in allogeneic haematopoietic stem cell transplantation”
- 11/2015 – 02/2016 **Internship** at Department for Molecular Genetics II, University Duisburg-Essen, Essen, Germany
Title: “Gene knockout of MTBP in cell culture by CRISPR/Cas”
- 09/2015 – 11/2015 **Internship** at Institute for Experimental Cellular Therapy, University Hospital Essen, Essen, Germany
Title:” Characterisation of HLA-DPB1 mismatches in the allogeneic haematopoietic stem cell transplantation – Genotyping of polymorphism rs9277534 in donor cells”

07/2014 – 08/2014 **Bachelor Thesis** at Institute of Legal Medicine, University Hospital Essen, Essen, Germany
Title: “Somatic and hereditary mutations in mitochondrial DNA in colon carcinoma”

MEMBERSHIP IN SCIENTIFIC SOCIETIES

- European Federation for Immunogenetics (EFI)

FIELDS OF INTEREST

- T-cell allorecognition, antigen presentation, immune system, human leukocyte antigens, immunotherapy, single amino acid polymorphisms, gene expression, gene variations, mitochondrial DNA

PRESENTATIONS AT SCIENTIFIC CONFERENCES

- European Federation for Immunogenetics (EFI) 2017
Oral: “Dissecting the relative role of structural and expression polymorphism for T-cell allorecognition of HLA-DPB1”

AWARDS AND HONORS

- Best Abstract Award European Federation for Immunogenetics (EFI) 2017

PUBLICATIONS

- Britta Kleist, Marcel Kempa, **Thuja Meurer**, Micaela Poetsch, Correlation between DPYD gene variation and KRAS wild type status in colorectal cancer. J Clin Pathol 2016 Mar; 69(3):204-8
- Britta Kleist, **Thuja Meurer**, Micaela Poetsch, Mitochondrial DNA alteration in primary and metastatic colorectal cancer: Different frequency and association with selected clinicopathological and molecular markers. Tumor Biol. 2017 Mar; 39(3):1010428317692246
- **Thuja Meurer**, Esteban Arrieta-Bolaños, Maximilian Metzger, Pietro Crivello, Kees van Bergen, Peter van Balen, Peter A. Horn, Frederik Falkenburg, Katharina Fleischhauer, Dissecting the relative role of structural and expression polymorphism for T-cell allorecognition of HLA-DPB1 (in preparation)