



Curriculum Vitae

Personal information **Maria Brandes**

Work experience

start date: October 2023; end date: present; position held: GCP-inspector (in training); employer's name: Federal Institute for Drugs and Medical Devices; country of employment: Germany; main activities in the position: GCP-inspections

start date: October 2021; end date: September 2023; position held: scientist in quality control (CAR-T cells/cell and gene therapy); employer's name: Biontech IMFS (Idar-Oberstein); country of employment: Germany; main activities in the position: QC of laboratory analyses, Deviation Management, Risk-analyses, QC of documents, writing of SOPs and regulatory documents

start date: November 2020; end date: September 2021; position held: clinical pharmaceutical representative; employer's name: Novartis (on behalf of Careforce GmbH); country of employment: Germany; main activities in the position: Consulting of chief physicians and medical specialists in the areas of cardiology and hypercholesterinaemia

start date: January 2019; end date: May 2020; position held: pharmaceutical representative; employer's name: Santis (on behalf of AstraZeneca); country of employment: Germany; main activities in the position: Consulting of physicians and medical specialists in the areas of diabetes and asthma

start date: May 2015; end date: August 2018; position held: scientific employee at University Hospital Bonn (UKB)/Medical clinic III/department haematology/oncology; country of employment: Germany; main activities in the position: stem cell research during PhD thesis in molecular biomedicine

start date: December 2013; end date: April 2015; position held: scientific employee; employer's name: Institute of Biology and Environmental Sciences at Carl von Ossietzky University Oldenburg; country of employment: Germany; main activities in the position: next-generation sequencing, microscopy, single cell isolations of cyanobacteria

start date: January 2006; end date: July 2006; position held: biological technical assistant; employer's name: AquaEcology; country of employment: Germany; main activities in the position: taxonomic quantifications and cell size measurements of marine phytoplankton

Education and training

start date: May 2015; end date: September 2021; degree: PhD (Dr. rer. nat.) in molecular biomedicine; Institution: University of Bonn; country: Germany; subjects/skills: stem cell transplantations, knock-out gene models, gene analyses, blood and bone marrow analyses, DNA analyses, real-time PCR, ELISA, Fluorescence-activated Cell Sorting (FACS), haematologic diseases (AML, CML)

start date: October 2011; end date: April 2014; degree: Master of Science (M.Sc.) in Biology; Institution: University of Oldenburg; country: Germany; subjects/skills: Next-Generation-Sequencing, microscopy, DNA analyses, PCR, cyanobacteria

start date: October 2007; end date: August 2011; degree: Bachelor of Arts (B.A.) in Biology and German Studies; Institution: University of Oldenburg; country: Germany; subjects/skills: microscopy, DNA analyses, PCR, rotifera

start date: September 2003; end date: September 2005; degree: nationally certified biological technical assistant (BTA); Institution: Institute for Professional Education (IFBA) in Oldenburg; country: Germany; subjects/skills: High-performance liquid chromatography (HPLC), Gas chromatography (GC), PCR, DNA extractions, chemical analytic procedures

start date: August 1995; end date: July 2002; degree: higher education entrance qualification (Abitur); Institution: Neues Gymnasium Oldenburg (NGO)

Additional information

Publications

[Murine hematopoietic stem cell reconstitution potential is maintained by osteopontin during aging \(Scientific Reports, 2018\)](#)

[Supratidal Extremophiles-Cyanobacterial Diversity in the Rock Pools of the Croatian Adria \(Springer Link, 2015\)](#)

[Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy \(Immunity, 2017\)](#)

[The EMT transcription factor Zeb2 controls adult murine hematopoietic differentiation by regulating cytokine signaling \(Blood, 2017\)](#)

Projects

Memberships

Other Relevant Information