



## Meet the Lab!



**Luca Gentile** is a stem cell biologist with a PhD in Bioengineering and Bioinformatics. His main interest is the study of conserved mechanisms of pluripotency and pluripotency-based regeneration, by using model systems as different as human iPSCs and planarian flatworms.

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**Stephanie Bur** (Dr. rer. nat.) works on suspension culture using UHV alginate microcarriers, to combine high biomass with efficient differentiation of hiPSCs. Her doctoral thesis at Uniklinik Homburg dealt with the influence on of *S. aureus* extracellular adherence protein wound healing.

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**Sascha Neumann** (Dr. rer. nat.) focuses on the automation of iPSC reprogramming. Before joining IBMT, he worked at the University of Cologne in the field of biomedical research, studying the role of nuclear envelope proteins in health and disease.

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With a qualification as biology laboratory technical assistant at Uniklinik Homburg, **Susan Zöllner** masters cell culture techniques, with a special focus on iPSCs and embryonic stem cells. Furthermore, she supports experimental work in the lab and takes care of administrative tasks.

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After graduating in Biology at the University of Würzburg with a thesis on highly scalable microcarrier culture system for stem cells, **Benjamin Fischer** now focuses on 3D matrices that mimic micro-niches with defined properties, to induce specific cell behavior.

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**Thao Anh Tran** focuses on the regulation of pluripotency in an adult body using the planarian model. Before joining IBMT, she graduated in Jeju National University (South Korea) with a work on changes in signaling pathway upon anti-cancer drugs delivery in vitro.

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**Anna Meier** graduated in Human and Molecular Biology with the French-German Master Programme at both the University of Strasbourg and the Saarland Medical Center. She aims to establish a stable cardiac progenitors line for the generation of complex cardiac organoids.

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