JANINE KIESHAUER, M.Sc.

02/2017- now	*Research Scientist* Experimental and Clinical Research Center- joint cooperation of Charité, Universitätsmedizin Berlin and the Max Delbrück Center, Berlin, Germany Mentor: Prof. Dr. Simone Spuler

Experience and Training

2014 – 2017	Master of Science Biochemistry and Molecular Biology Universität Potsdam, Germany
2010 – 2013	Bachelor of Science Biotechnology Beuth University of Applied Sciences Berlin, Germany

Certificates

Good laboratory practice, Circum, Berlin, Germany, 2020

E1 – GMP/FDA-konforme Prüfpräparate (IMPs), Concept Heidelberg, Darmstadt, Germany, 2019

Good clinical laboratory practice, Circum, Berlin, Germany, 2018

Experte für GMP, PTS Training Service, Köln, Germany, 2017

Basic Course on Laboratory Animal Science (Mouse/Rat) "Carrying out procedures on animals", Charité Universitätsmedizin Berlin, Germany, 2017

Papers

(1) Müthel S, Marg A, Ignak B, **Kieshauer J**, Escobar H, Stadelmann C, Spuler S (2023) Cas9-induced single cut enables highly efficient and template-free repair of a muscular dystrophy causing founder mutation. Mol Ther Nucleic Acids. 2023; 31:494-511.

(2) Bekele B, Schöwel-Wolf V, **Kieshauer J**, Marg A, Busjahn A, Davis S, Nugent G, Ebert A-K, Spuler S (2022) Human primary muscle stem cells regenerate injured urethral sphincter in athymic rats. Animal Model Exp Med. 2022; 5(5):453-460.

(3) Escobar H, Krause A, Keiper S, **Kieshauer J**, Müthel S, de Paredes MG, Metzler E, Kühn R, Heyd F, Spuler S (2021)
Base editing repairs an SGCA mutation in human primary muscle stem cells. JCI Insight. 2021; 6(10):e145994.

(4) Marg A, Escobar H, Karaiskos N, Grunwald S, Metzler E, Kieshauer J et al. (2019) Human muscle-derived CLEC14A-positive cells regenerate muscle independent of PAX7. Nat Commu 10, 5776 (2019)

(5) Hessel-Pras S, Kieshauer J, Roenn G et al. (2019) In vitro characterization of hepatic toxicity of Alternaria toxins. Mycotoxin Res 35: 157