

Curriculum Vitae

Ulrich Martin Professor, Dr. rer. nat.
d.o.b. August 16th, 1967, in Lehrte, Germany

University Education

2001 Habilitation Molecular biology, Hannover Medical School (MHH)
1997 Doctorate Medical Microbiology, MHH, Hannover
1994 Studies of Microbiology, Genetics, Biochemistry, Immunology, Leibniz Universität Hannover (LUH)

Scientific Career

Since 2019 Vice Coordinator, REBIRTH Research Center
Since 2018 Advisory Boards von „Regenerative Medicine Crossing Borders (RegMed XB)
Since 2017 Honorary doctorate conferred by Sokhumi State University, Tbilisi, Georgia
Since 2016 Editorial Board Member, 'Journal of Biological Chemistry' and 'Frontiers in Translational Medicine'
Since 2016 Senior President, GSCN
2015-2016 Active President, German Stem Cell Network (GSCN)
Since 2015 Editorial Board Member, International Journal of Stem cell Research & Therapy' (IJSCRT)
Since 2014 Topical Editor, 'Primate Biology'
Since 2013 Extended board member and founding member, German Stem Cell Network (GSCN)
Since 2013 Dean, PhD programme 'Regenerative Sciences'
2011-2015 Vice Chair, working group on Regenerative Medicine of the European Technology Platform Nanomedicine (ETPN)
Since 2009 Editorial Board Member, 'World Journal of Stem Cells'
Since 2008 W3 Professor, 'Cardiorespiratory Tissue Engineering' and Director of Research, HTTG
Since 2007 Head of LEBAO, MHH
2006-2019 Vice Coordinator, REBIRTH Cluster of Excellence
Since 2005 Associate Professor, Experimental Lung Transplantation, MHH
2004-2012 Head, DFG Clinical Research Unit 'KFO 123: Lung Transplantation'
Since 2003 Assistant Professor, Experimental Transplantation, MHH
Since 2001 Head of the Research Area 'Molecular Biotechnology and Stem Cell Research'
1997-2001 Postdoctoral position, LEBAO, MHH

Awards and Honors

2010 Sir Hans Krebs Award
2010 Science Prize of the German Technion Society
2008 Travel Award of the International Stem Cell Society
2008 Ernst Eickhoff Award for Cardiac Surgery

Citation Record

Total citations: 8,920; h-index: 46; h-index since 2017: 34 (Google Scholar July 22th, 2022)

Top-10 selected Publications

1. Sahabian, A.* , Dahlmann, J.* , **Martin, U.#**, and Olmer, R.#. 2021. Production and cryopreservation of definitive endoderm from human pluripotent stem cells under defined and scalable culture conditions. *Nat Protoc.* *,# Authors contributed equally.
2. Drakhlis, L., Biswanath, S., Farr, C. M., Lupanow, V., Teske, J., Ritzenhoff, K., Franke, A., Manstein, F., Bolesani, E., Kempf, H., Liebscher, S., Schenke-Layland, K., Hegermann, J., Nolte, L., Meyer, H., de la Roche, J., Thiemann, S., Wahl-Schott, C., **Martin, U.**, and Zweigerdt, R. 2021. Human heart-forming organoids recapitulate early heart and foregut development. *Nat Biotechnol*
3. Kensah, G.* , Roa Lara, A.* , Dahlmann, J., Zweigerdt, R., Schwanke, K., Hegermann, J., Skvorc, D., Gawol, A., Azizian, A., Wagner, S., Maier, L. S., Krause, A., Drager, G., Ochs, M., Haverich, A., Gruh, I.# , and **Martin, U.#**. 2013. Murine and human pluripotent stem cell-derived cardiac bodies form contractile myocardial tissue in vitro. *European heart journal* 34, no. 15:1134. *#Authors contributed equally.
4. Templin, C., Zweigerdt, R., Schwanke, K., Olmer, R., Ghadri, J. R., Emmert, M. Y., Muller, E., Kuest, S. M., Cohrs, S., Schibli, R., Kronen, P., Hilbe, M., Reinisch, A., Strunk, D., Haverich, A., Hoerstrup, S., Luscher, T. F., Kaufmann, P. A., Landmesser, U.* , and **Martin, U.***. 2012. Transplantation and tracking of human-induced pluripotent stem cells in a pig model of myocardial infarction: assessment of cell survival, engraftment, and distribution by hybrid single photon emission computed tomography/computed tomography of sodium iodide symporter transgene expression. *Circulation* 126, no. 4:430. *Authors contributed equally.
5. Mauritz, C.* , Martens, A.* , Rojas, S. V., Schnick, T., Rathert, C., Schecker, N., Menke, S., Glage, S., Zweigerdt, R., Haverich, A., **Martin, U.#**, and Kutschka, I.#. 2011. Induced pluripotent stem cell (iPSC)-derived Flk-1 progenitor cells engraft, differentiate, and improve heart function in a mouse model of acute myocardial infarction. *Eur Heart J* 32, no. 21:2634. *#Authors contributed equally.
6. Zweigerdt, R.* , Olmer, R.* , Singh, H., Haverich, A., and **Martin, U.** 2011. Scalable expansion of human pluripotent stem cells in suspension culture. *Nat Protoc* 6, no. 5:689. *Authors contributed equally.
7. Haase, A., Olmer, R., Schwanke, K., Wunderlich, S., Merkert, S., Hess, C., Zweigerdt, R., Gruh, I., Meyer, J., Wagner, S., Maier, L. S., Han, D. W., Glage, S., Miller, K., Fischer, P., Scholer, H. R., and **Martin, U.** 2009. Generation of induced pluripotent stem cells from human cord blood. *Cell Stem Cell* 5, no. 4:434
8. Mauritz, C., Schwanke, K., Reppel, M., Neef, S., Katsirntaki, K., Maier, L. S., Nguemo, F., Menke, S., Haustein, M., Hescheler, J., Hasenfuss, G., and **Martin, U.** 2008. Generation of functional murine cardiac myocytes from induced pluripotent stem cells. *Circulation* 118, no. 5:507
9. **Martin, U.**, Kiessig, V., Blusch, J. H., Haverich, A., von der Helm, K., Herden, T., and Steinhoff, G. 1998. Expression of pig endogenous retrovirus by primary porcine endothelial cells and infection of human cells. *Lancet* 352, no. 9129:692
10. **Martin, U.**, Bock, D., Arseniev, L., Tornetta, M. A., Ames, R. S., Bautsch, W., Kohl, J., Ganser, A., and Klos, A. 1997. The human C3a receptor is expressed on neutrophils and monocytes, but not on B or T lymphocytes. *J Exp Med* 186, no. 2:199