

Curriculum Vitae: Dr. Marco Metzger

1 – Person

Name	Metzger, Marco *01.09.1976
Adresse	Lehrstuhl Tissue Engineering & Regenerative Medizin Röntgenring 11, 97070 Würzburg Tel: +49 (0) 49 31 86686, E-Mail: marco.metzger@uni-wuerzburg.de
Position	Gruppenleiter, Universitätsklinikum Würzburg und Fraunhofer IGB

2 – Beruflicher Werdegang

10/2011-	Gruppenleiter und stv Abteilungsleiter, Fraunhofer IGB und Universitätsklinikum Würzburg
2009-2011	BMBF-Nachwuchsgruppenleiter, Translationszentrum Regenerative Medizin (TRM), Universität Leipzig
2007-2008	Postdoc fellow, Leopoldina Stiftung. University College London, UK
2006	Promotion, Universität Tübingen
2002	Diplom in Biotechnologie
1997-2002	Studium der Biotechnologie, Fachhochschule Mannheim

3 – Preise und Ehrungen

2009	Annual Research Award, Dt. Gesellschaft für Neurogastroenterologie
2008	Young Investigator Award, Neurogastroenterology & Motility Meeting
2007	Postdoc-Stipendium, German Society of Sciences Leopoldina
2006	DFG Reisestipendium

4 – Zehn wichtigste Publikationen

Metzger M, Conrad S, Alvarez-Bolado G, Skutella T, Just L „Gene Expression of the Repulsive Guidance Molecules During Development of the Mouse Intestine“, Dev Dyn. 2005 Sep;234(1):169-75.

Metzger M, Bareiss PM, Nikolov I, Skutella T, Just L “Three-dimensional slice cultures from fetal gut for investigations of the enteric nervous system”, Dev Dyn. 2007 Jan; 236(1):128-33.

Metzger M, Conrad S, Skutella T, Just L “RGMA inhibits neurite outgrowth of neuronal progenitors from murine enteric nervous system” J Neurochem. 2007 Oct_17.

Metzger M, Caldwell C, Barlow A, Wallace A, Burns A, Thapar N “Enteric nervous system stem cells derived from human gut mucosa for the treatment of aganglionic gut disorders” Gastroenterology 2009 Jun;136(7):2214-25.e1-3.

Metzger M, Bareiss PM, Danker T, Wagner S, Hennenlotter J, Guenther E, Obermayr F, Stenzl A, Koenigsrainer A, Skutella T, Just L „Expansion and differentiation of neural progenitors derived from the human adult enteric nervous system” Gastroenterology 2009 Dec;137(6):2063-2073.e4.

Hegewald C, Alt R, Hetz S, Acikgoez A, Cross M, Till H, Metzger R, **Metzger M**. „Improved propagation of murine enteric neural progenitors in lowered oxygen” Neurogastroenterol Motil 2011 Oct;23(10):e412-24.

Hetz S, Acikgoez A, Voss U, Nieber K, Holland H, Hegewald C, Till H, Metzger R, **Metzger M**. “In vivo transplantation of neurosphere-like bodies derived from the human postnatal and adult enteric nervous system: a pilot study” PloS One 2014 Apr 3;9(4):e93605.

Hetz S, Acikgoez A, Moll C, Jahnke HG, Robitzki A, Metzger R, **Metzger M**. “Age related analysis of enteric ganglia of human colon using laser microdissection”. Front. Neuroscience 2014 Oct 15;6:276.

Rosenbaum C, Schick MA, Wollborn J, Heider A, Scholz CJ, Cecil A, Niesler B, Hirrlinger J, Walles H, **Metzger M**. „Activation of Myenteric Glia during Acute Inflammation In Vitro and In Vivo.” PLoS One. 2016 Mar 10;11(3):e0151335.

Schweinlin S, Wilhelm S, Schwedhelm I, Hansmann J, Ritscher R, Jurowich C, Walles H, **Metzger M**. „Development of an advanced primary human in vitro model of the small intestine” Tissue Engineering Part C: Methods 2016 Sep;22(9):873-83.

5 – Wissenschaftlicher Fokus

- Intestinales Tissue Engineering
- Mukosale und enterische Stammzellen
- Präklinische in vitro und in vivo Evaluation von Medizinprodukten und ATMPs