



TU München
ZIEL Institute for Food and Health

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RESEARCH EXPERIENCE

- 2011-present* **Research Group Leader – Intestinal Microbiome**
ZIEL Institute for Food and Health, TU München
- Apr. 2012* **Research Visit**
National Institute for Research in Agriculture (INRA), France;
Doré lab
- Aug. 2006 - Jul. 2011* **Postdoctoral research associate** (TU München); Haller lab
- Oct. 2008* **Research Visit** at INRA, France
- March - May 2006* **Postdoctoral research associate**
German Institute of Human Nutrition Potsdam-Rehbrücke (DIfE);
Blaut lab
- Oct. 2002 - Feb. 2006* **German-French Joint PhD project;** DIfE, Germany; INRA, France;
- Feb. - Sept. 2002* **M.Sc. project** - INRA, France; Doré lab

ACADEMIC QUALIFICATIONS

<i>May 2015</i>	Habilitation in Gut Microbiology (TU München)
<i>Feb. 2006</i>	PhD in microbiology: University of Potsdam, Germany; University of Châtenay-Malabry, France
<i>Sept. 2002</i>	M.Sc. , Agricultural Sciences and Human Nutrition (with distinction): Elite School for Research in Agriculture (ENSAR), Rennes, France
<i>May 1999</i>	B.Sc. , biology (with distinction); University of Toulouse, France
<i>July 1997</i>	French Scientific Baccalaureate (specialised in Mathematics)

AWARDS

<i>Oct. 2015</i>	Ernst-Otto-Fischer teaching award (TU München)
<i>Apr. 2013</i>	Grant holder of the European Nutrition Leadership program (ENLP advanced)
<i>Sept. 2008</i>	Stipend for Research Visits (Bavarian French Exchange Service) President's Found for Research Visits (Microbiology Society)
<i>Jun. 2007</i>	1 st price for excellent PhD (University of Châtenay-Malabry, FR)
<i>Oct. 2004 - May 05</i>	Scholarship holder of the DAAD Academic Exchange Service

OTHER QUALIFICATIONS

<i>Scientific methods</i>	Anoxic culture techniques; High-throughput 16S rRNA gene sequence analysis; metagenomics; mouse models (including gnotobiology)
<i>Scientific refereeing</i>	Appl Environ Microbiol; Front Microbiol; Gut; ISME Journal; Int J Syst Evol Microbiol; J Nutr; Nat Com
<i>Membership</i>	Microbiology Society, since 2006 German Association of University (DHV), since 2014 International Society for Microbial Ecology, since 2015
<i>Language skills</i>	Native French; Fluent English; Fluent German

KEY PUBLICATIONS

1. I Lagkouvardos,* K Kläring,* S Heinzmann, S Platz, B Scholz, K-H Engel, P Schmitt-Kopplin, D Haller, S Rohn, T Skurk, T Clavel (2015) Gut metabolites and bacterial community networks during a pilot intervention study with flaxseeds in healthy adult men, *Mol Nutr Food Res* 59:1614 (IF = 4.9)
2. M Schaubeck,* T Clavel,* J Calasan, I Lagkouvardos, SB Haange, N Jehmlich, M van Bergen, A Dupont, M Hornef, M Basic, A Bleich, D Haller (2015) Dysbiotic gut microbiota causes transmissible Crohn's disease-like ileitis independent of failure in antimicrobial defense, *Gut* doi10.1136/gutjnl-2015-309333 (IF = 13.3) (* shared 1st authorship)
3. H Daniel, A Moghaddas Gholami, D Berry, C Desmarchelier, H Hahne, G Loh, S Mondot, P Lepage, M Rothballer, A Walker, C Böhm, M Wenning, M Wagner, M Blaut, P Schmitt-Kopplin, B Kuster, D Haller, T Clavel (2014) High-fat diet alters gut microbiota physiology in mice, *ISME J* 8:295 (IF 9.3)
4. M Wolf, A Adili, K Piotrowitz, Z Abdullah, Y Boege, K Stemmer, M Ringelhan, N Simonavicius, M Sigg, D Wohlleber, A Lorentzen, C Einer, S Schulz, T Clavel, U Protzer, C Thiele, H Zischka, H Moch, M Tschöp, AV Tumanov, D Haller, K Unger, M Karin, M Kopf, P Knolle, A Weber, M Heikenwalder (2014) Metabolic activation of intrahepatic CD8+ and NKT-cells causes nonalcoholic steatohepatitis and hepatocellular carcinoma via cross-talk with hepatocytes, *Cancer Cell* 26:549 (IF 27.1)
5. G Hörmannspurger,* T Clavel,* D Haller (2012) Gut matters: intestinal microbial ecology in allergic diseases, *J Allergy Clin Immunol* 129:1452 (IF 11.2) (* shared first authorship)

RESEARCH FUNDING

Principal Investigator:

1. DFG/ANR – *CORIOFUNC*: Functions and metabolic adaptation of *Coriobacteriaceae* in the context of host lipid metabolism, 2013-2016; **EUR 400,000**
2. Boehringer Ingelheim Foundation – *PIBAC*: The Pig intestinal Bacteriome in colorectal Cancer, 2015-2016; **EUR 78,800**
3. Joint Programming Initiative – *DINAMIC*: Diet-induced Arrangement of the gut Microbiome for Improvement of Cardiometabolic health, 2016-2019; **EUR 296,000**

Co-Investigator:

1. BMBF *enable* cluster – *NutriBiome*: Diet-microbiota interactions in prospective and interventional human studies, 2015-2018; **EUR 200,000**
2. DFG priority program SPP 1656: Functional analysis of the intestinal microbiota in a mouse model for Crohn's disease-like ileitis using a gnotobiotic approach, 2013-2016; **EUR 525,000**