

# BEAT MÜLLER, MD

\*23.07.1971

Lucerne, Switzerland

University of Heidelberg  
Department of General, Visceral and Transplantation Surgery  
Im Neuenheimer Feld 110  
69120 Heidelberg  
Germany  
Phone: +49 6221 56 4828  
Fax: +49 6221 56 8645  
beat.mueller@med.uni-heidelberg.de



## ACADEMIC BACKGROUND/QUALIFICATIONS

- 2014 Granting of the title as outstanding professor (*apl. Professor*), University of Heidelberg
- 2009 Postdoctoral lecturing qualification (*Habilitation*), University of Heidelberg
- 2000 Doctorate, University of Bern, Switzerland
- 1997 Licence to practice medicine, University of Zurich, Switzerland
- 1991 - 1997 Medical degree, University of Zurich, Switzerland
- 1990 - 1991 Theology foundation year, Faculty of Theology, University of Lucerne, Switzerland

## PROFESSIONAL EXPERIENCE

- 2012 - today - Scientific Coordinator, Collaborative Research Centre/Transregio 125 (*Sonderforschungsbereich/Transregio 125*) “Cognition-Guided Surgery”, University of Heidelberg (Speaker: M. W. Büchler, MD)
- Senior Attending Surgeon, University of Heidelberg (Director: M. W. Büchler, MD)
- 2010 - today Section Head, Minimally Invasive Surgery\*, University of Heidelberg (Director: M. W. Büchler, MD)
- \*2014 change of name into “Minimally Invasive and Obesity Surgery”
- 2009 – 2014 Scientific Coordinator, Research Training Group 1126 (*Graduiertenkolleg 1126*) “Development of new computer-based methods for the future working environment in visceral surgery”, University of Heidelberg (Speaker: M. W. Büchler, MD)
- 2009 - 2012 Attending Surgeon, University of Heidelberg (Director: M. W. Büchler, MD)
- 2006 - 2009 Postdoctoral Research Fellow, University of Heidelberg (Director: M. W. Büchler, MD)
- 2005 - 2006 Attending Surgeon, Cantonal Hospital St. Gallen, Switzerland (Head of Department: J. Lange, MD)
- 2004 - 2005 Chief Resident, Cantonal Hospital St. Gallen, Switzerland (Head of Department: J. Lange, MD)
- 2004 Board certification in surgery (*Erlangung des Facharztstitels*), University of Bern, Switzerland
- 2002 - 2004 Resident, Cantonal Hospital St. Gallen, Switzerland (Head of Department: J. Lange, MD)

- 2002 Chief Resident, Hospital Aarberg, Switzerland (Head of Department: C. Klaiber, MD)
- 1999 - 2002 Resident, Cantonal Hospital St. Gallen (Head of Department: J. Lange, MD)
- 1997 - 1999 Resident, Hospital Aarberg, Switzerland (Head of Department: C. Klaiber, MD)

## TEACHING EXPERIENCE

- 2012 - 2016 Student Teacher Visceral Surgery, University of Heidelberg
- 2008 - 2011 Module Leader, HeiCuMed for Surgery (4 modules), University of Heidelberg
- 2007 - 2008 Teaching Assistant, HeiCuMed for Surgery, (1.5 modules), University of Heidelberg
- 2003 - 2005 Student Teacher, Cantonal Hospital St. Gallen, University of Zurich, Switzerland

## EXPERIENCE IN CONDUCTING CLINICAL TRIALS

- 2014 Trial to explore the pathogenesis and surgical therapy of metabolic diseases, University of Heidelberg  
LES-Trial: “*Dehnverschluss* at the lower cardia – an operative study for the clinical evaluation of the connection between the length of the oesophagus and the pressure of the lower cardia”, University of Heidelberg  
TRANSVERSAL-Trial: Transvaginal hybrid NOTES sigma resection versus laparoscopically assisted sigma resection”, University of Heidelberg
- 2012 DiaSurg2-Trial: „Surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body-mass-index between 26 and 35 kg/m<sup>2</sup>: A randomized controlled German multicenter trial“, University of Heidelberg
- 2010 DiaSurg1-Study: „Prospective cohort study to evaluate clinically the effect of gastric bypass on diabetes mellitus type 2“, University of Heidelberg
- 2008 LMAH-Retro-Study: “Laparoscopic mesh-augmented hiatoplasty as a method to treat gastroesophageal reflux without fundoplication: single-center experience with 306 consecutive patients”, retrospective cohort study, University of Heidelberg
- 2007 MASH Study I: “Laparoscopic mesh-augmented hiatoplasty versus fundoplication as a method to treat gastroesophageal reflux disease”, randomised controlled trial, University of Heidelberg  
MASH Study II, “Laparoscopic mesh-augmented hiatoplasty without versus with fundoplication as a method to treat hiatal hernia with paraesophageal involvement”, randomised controlled trial, University of Heidelberg  
ROLAF Study: “Robot-assisted versus conventional laparoscopic fundoplication”, randomised controlled trial, University of Heidelberg
- 2003 LMAH-Prosp-Study: “Laparoscopic mesh-augmented hiatoplasty”, prospective cohort study, Cantonal Hospital St. Gallen, Switzerland

## PRIZES/RESEARCH GRANTS

- 2015 COMBIOSCOPY: “Computational biophotonics in endoscopic cancer diagnosis and therapy”, EU: ERC Starting Grant (Research Grant: 115,000 EUR)

- Turhan-Laboratory: Grant for the reconstruction, furnishings, and equipment of a laboratory for research on the metabolic syndrome, Heidelberger Stiftung Chirurgie (100,000 EUR)
- InnOPlan: „Innovative, data-driven efficiency of cross-functional operation processes“, DLR für Bundesministerium für Wirtschaft und Energie (Research Grant: 305,000 EUR)
- 2014** DiaSurg2-Trial: „Surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body-mass-index between 26 and 35 kg/m<sup>2</sup>: A randomized controlled German multicenter trial“, Heidelberger Stiftung Chirurgie (Research Grant: 24,000 EUR)
- 2013** Career Grant 2012, Heidelberger Stiftung Chirurgie (1,000 EUR)
- „Evaluation of feasibility, practicability, and safety of the transrectal sigma resection in rigid hybrid NOTES (Natural Orifice Transluminal Endoscopic Surgery) technique“, Heidelberger Stiftung Chirurgie (Research Grant: 15,000 EUR)
- DiaSurg2-Trial: „Surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body-mass-index between 26 and 35 kg/m<sup>2</sup>: A randomized controlled German multicenter trial“, Covidien SA, Switzerland (Research Grant: 1 million EUR)
- 2012** DiaSurg2-Trial: „Surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body-mass-index between 26 and 35 kg/m<sup>2</sup>: A randomized controlled German multicenter trial“, Manfred Lautenschläger Stiftung, Gaiberg (Research Grant: 1.5 million EUR)
- Funding for the CRC/TRR 125 „Cognition-Guided Surgery“, DFG (Research Grant: 8.6 million EUR)
- „Establishment and validation of the Heidelberg training curriculum Minimally Invasive Surgery „HeiCuMIC“ in the training centre Minimally Invasive Surgery“, Heidelberger Stiftung Chirurgie (Research Grant: 15,000 EUR)
- „Innovative developments in minimally invasive surgery“, Covidien, Germany (Research Grant: 30,000 EUR)
- 2011** „Intestinal anastomoses through bipolar sealing in open and laparoscopic technique compared to standard treatment“, Heidelberger Stiftung Chirurgie (Research Grant: 10,000 EUR)
- 2010** „Development of basic principles for the treatment of hiatus hernia with mesh-augmentation in the oesophageal hiatus“, Heidelberger Stiftung Chirurgie (Research Grant: 5,000 EUR)
- 2009** Renewed funding for the Research Training Group 1126, DFG (5.5 million EUR)
- 2008** Resources for the Research Training Group 1126, Heidelberger Stiftung Chirurgie (Research Grant: 15,000 EUR)
- Development of anti-reflux surgery, Heidelberger Stiftung Chirurgie (Research Grant: 5,000 EUR)
- Development of a computer-based assistant for N.O.T.E.S., Heidelberger Stiftung Chirurgie (Research Grant: 20,750 EUR)
- 2006** ALTANA Pharma Scientific Award, Kreuzlingen, Switzerland (Research Grant: 10,000 CHF)

- 2005      “Neuroendocrine Tumors in Eastern Switzerland”, Novartis Pharma Switzerland, Bern (Research Grant: 120,000 CHF)
- “Neuroendocrine tumors of the appendix – Differentiated consideration of the criteria of malignancy as indication for hemicolectomy”, Poster Award, Swiss Society of Endocrinology, Bern, Switzerland (500 CHF)
- “Endoscopic posterior mesorectal resection: an option in treatment of T1 carcinoma of the lower rectum”, Scientific Award, European Society of Surgery, Vienna, Austria (500 Euro)
- 2004      “Laparoscopic mesh-reinforced cruroplasty and anterior fundophrenicopexy”, Video Prize, Swiss Society of Surgery, Davos, Switzerland (3,000 CHF)

## PROFESSIONAL MEMBERSHIPS

- European Association for Endoscopic Surgery and other Interventional Techniques
- German Society for Surgery
- German Society for General and Visceral Surgery
  - Surgical Working Group on Minimally Invasive Surgery (CAMIC)
  - Board member of the Surgical Working Group on Obesity (CAADIP)
- International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO)