

Curriculum vitae and major scientific achievements

Name **Prof. Dr. med. Ralph P E T E R L I**

Address Deputy Head of Clarunis, Department of Visceral Surgery, University Centre for Gastrointestinal and Liver Diseases, St. Clara Hospital & University Hospital Basel
Head of visceral surgery research an bariatric center of excellence
4002 Basel, Switzerland
Tel: +41 61 777 7501; fax: +41 61 777 7513
e-mail: ralph.peterli@clarunis.ch

Date of birth Feb 24, 1959

Studies/Academics/Teaching

1979 - 1986 Medical School, University of Basel, Switzerland
(1979 + 1981 military service)

1986 Graduation from Medical School, University of Basel

1988 Doctoral Thesis

1995 Specialist for general surgery

2004 Subspecialist for general and trauma surgery, Subspecialist for visceral surgery

7/08 - 12/08 Research fellow and surgeon, University Lund, Sweden

2009 Assistant Professor of Surgery (Privatdozent), University of Basel

2015 Professor of Surgery (Titularprofessor), University of Basel

since 1997 Teaching at Medical School, University of Basel

2002 - International workshops with live surgery

2005 - Instructor practical hands-on courses

2019 - Mentoring program for young academics

Postgraduate medical formation/Positions

4/87 - 3/88 Institute of Pathology, Univ. of Basel (Proff Ph.U. Heitz, M. Mihatsch)

4/88 - 11/91 Surgical Clinic, Olten (PD Dr. U. Grötzinger)

1/92 - 5/94 Surgical Clinic, Bruderholz, Basel (Prof. A.K. Huber)

7/95 - 12/96 Surgical Clinic, St. Claraspital Basel (Proff P. Tondelli, M. von Flüe)

1/97 - 3/00 Staff member

4/00 - 12/16 Senior staff

1/17 - Deputy Medical Director

1/19- Deputy Head of Clarunis, Department of Visceral Surgery, University Center for Gastrointestinal and Liver Diseases, Basel Switzerland, St. Clara Hospital & University Hospital Basel

Surgical experience/Fields of interest

Visceral, colorectal and bariatric surgery (total number of interventions >15'000)

Research fields

1984-88 Morphometry in pathology of arteries

1988-90 Clinical study on groin hernia repair

1994-2002 Various clinical studies on laparoscopic cholecystectomy and related hepato-biliary pathologies

1996- Various clinical studies in bariatric surgery

2003-2006 Human adipose tissue and functional role of melanocortin-receptors

2005-2014 Proteomics of mitochondria in human adipose tissue

2006-2019 PI of prospective randomized trial on bariatric surgery (SM-BOSS)

2006-2010 Glycemic control and gastrointestinal peptides in morbidly obese patients

2009-2010 Adipokines in morbidly obese patients undergoing bariatric surgery

2011-2015	Steering committee of international RCT on metabolic surgery vs best medicine
2012-	Functional MRI and bariatric Surgery
2014- 2017	Enterohumoral cells of upper gastrointestinal tract before and after sleeve
2014-	Microbiome before and after bariatric surgery
2016-	mTOR, insulin resistance and inflammation in adipose tissue
2018-	Benchmark studies in bariatric Surgery
2020-	PI of multicenter RCT on different limb length in gastric bypass surgery

Scientific support

2002-2006	Grant by the Hirzbrunnenstiftung, Basel, Switzerland
2005	Support of novoNordisk
2005	Support of research fund of University Childrens Hospital, Basel, Switzerland
2006-2007	Support of Ethicon Endo-Surgery, USA
2006-2008	Support of Ethicon Endo-Surgery, Switzerland
2006-2007	Support of "Stiftung für medizinische Forschung", Therwil, Switzerland
2008-2011	Grant by the Swiss National Science Foundation (3200B0-116465)
2009-2013	Grant by Ethicon Endosurgery, Switzerland
2012-2015	Grant by the Swiss National Science Foundation (320030-138439)

Memberships/Panels

with a function	Swiss Society for the Study of Morbid Obesity and Metabolic disorders (SMOB) <i>president</i> International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO): <i>council member IFSO world; board member IFSO European Chapter & chair of the Scientific Committee</i> Obesity Surgery: <i>editorial board member</i> Swiss Visceral Surgeons (SGVC): <i>board member</i> "IV-HSM-Begleitgruppe" <i>representative of SMOB</i>
member	Swiss peritoneal cancer group: <i>board member</i> Swiss medical Society (FMH) Swiss Surgical Society (SGC) Medical Society Basel (MEDGES) American Society of Bariatric and Metabolic Surgery (ASMBS) Swiss minimal invasive surgery (Swiss MIS) Deutsche Gesellschaft für Chirurgie

Publications, Lectures, Awards

97 original articles, 6 book chapters, 215 abstracts, apx 160 invited lectures
5 national, 2 international prizes

Congress organization

President of 2 international symposia on bariatric surgery
Organizing committee for national bariatric meetings (since 2001)
Scientific chair of 4 European bariatric congresses
Member of scientific committee of 3 European and 2 world bariatric congresses