

# Prof. Dr. med. Hans Ulrich Baer

Specialist in surgery, member FMH  
specialising in visceral surgery

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## Languages

DE,IT,EN

## Work Experience

- 2008 Founder and international director of the cell matrix research institute Tarumanagara Human Cell Technology Laboratory, Jakarta Founder and director of Baermed, Centre for Abdominal Surgery at the Hirslanden Clinic in Zug (Dr Lerf)
- 2004–2008 Founder of the Centre for Visceral Surgery South at the Hirslanden Clinic in Zurich
- 1999–2004 Founder and partner of the Centre for Visceral Surgery at the Gastro Centre of the Hirslanden Clinic in Zurich
- 1993–1999 Deputy Chief Physician to Prof. Dr M. W. Buehler (Clinic Director), Clinic for Visceral and Transplant Surgery at Inselspital Bern
- 1992–1993 Interim Head of Visceral and Transplant Surgery, Department of Visceral and Transplant Surgery, Inselspital, Bern University Hospital
- 1991–1992 Senior Physician, Department of Visceral and Transplant Surgery at Inselspital Bern (Prof. Dr L. H. Blumgart and Prof. Dr A. Czerniak)
- 1986–1990 Senior physician, Department of Visceral and Transplant Surgery at Inselspital Bern (Prof. Dr L. H. Blumgart)
- 1980–1986 Assistant doctor, Surgical Clinic, Waidspital Zurich (Prof. Dr A. Akovbiantz, Clinic Director)
- 1978–1980 Resident, Department of Surgery, Wetzikon District Hospital (Dr R. Staehli, Clinic Director)

## Education

- 2010 MAE UZH (Master of Applied Ethics Ethics Centre of the University of Zurich)
- 2009 Titular professorship for visceral surgery, University of Bern
- 2008 Representative of the Surgical Society of Indonesia, Universitas Tarumanagara Jakarta, Universitas Padjadjaran Bandung for hepatobiliary and pancreatic surgery
- 2003 Specialisation in Visceral Surgery
- 1997 Titular Professor of General Surgery, University of Bern
- 1993 Venia docendi for General Surgery, University of Bern
- 1986 Specialist title in surgery
- 1985 Doctor of Medicine, University of Zurich: Capillary damage after frostbite on the acra, assessed by fluorescence video microscopy (Prof. Dr A. Bollinger, MD)

### Memberships

- Swiss Society for Surgery
- Swiss Society for Visceral Surgery
- Swiss Society for Gastroenterology and Hepatology
- Swiss Society for Laparoscopic and Thorascopic Surgery
- Swiss Association of the Study of the Liver, SASL
- European Digestive Surgery, EDS
- German Society for Surgery

### Competences

- Liver Surgery
- Pancreatic surgery
- Biliary tract surgery
- Gall bladder surgery
- Intestinal surgery (small intestine, large intestine, rectum)
- Stomach surgery
- Oncological surgery (tumour resections)
- Hernia surgery

### Research

- Since 2012: Baer HU, Hendrawan S; development of new hybrid matrices (PLA collagen) for cell matrix implantation
- Since 2008: Baer HU, Sutedja B, Hendrawan S; various studies in tissue engineering, hepatocyte matrix implant (laboratory and animal studies), islet cell matrix implant (laboratory and animal studies), matrix development and testing; clinical phase I study (completed) hepatocyte matrix implant; development of new method for hepatocyte harvesting in rats for matrix colonisation

2002: Establishment of the Foundation for Molecular Biology Tumour Research based in Zurich

1998 - 2001: Baer HU, Friess H, Zimmermann A; The influence of transforming growth factors betas and their receptors on expanding and invading hepatocellular carcinomas (human tissues); Swiss National Science Foundation for the promotion of scientific research

1998: Research assistant with research support: Dr Mohammad Abu-Shadi Grant from the Egyptian government as a postdoctoral fellow for 3 years; PhD training in tumour biology at the University of Bern under the supervision of H.U. Baer and R.R. Friess

1994 - 1997: Baer HU, Friess H, Zimmermann A, Büchler MW; The influence of transforming growth factors betas and their receptors on expanding and invading hepatocellular carcinomas (human tissues); Swiss National Science Foundation for the promotion of scientific research

1994: Baer HU, Krähenbühl L; Laparoscopic surgery in the rat. Development of a model, Grant of the Swiss Working Group for Laparoscopy and Thoracoscopy

1993: Baer HU; Laparoscopic liver resection in the domestic pig, grant from Autosuture (Switzerland)

## Accreditation

[Privatklinik Bethanien](#)

## Specialties

[General surgery](#)

[Visceral surgery](#)

## Contact

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