

Curriculum Vitae Guido Beldi, MD

Diplomas, certificates and academic degrees/appointments

April 2017	Full Professor Extraordinarius for hepatobiliary Surgery, University of Bern
Dec. 2012	Associate Professor, University of Bern
July 2009	Venia docendi (Habilitation)
Mar. 2005	Board certification in surgery
Oct. 2000	Thesis MD (Promotion)
November 1998	State examination in Medicine, University of Bern
1992 – 1998	Medical studies, University of Bern

Current appointments - clinical

2022 – present	Chief surgeon (Chefarzt), Department for Visceral Surgery and Medicine, Bern University Hospital, University of Bern, Switzerland
2011 – 2022	Senior staff surgeon (Leitender Arzt), Department for Visceral Surgery and Medicine, Bern University Hospital, University of Bern, Switzerland
2017 – present	Professor for hepatobiliary surgery
2011 – present	Program director: Responsible for applications and selection of residents Responsible for the formation of residents
2012 – present	Responsible for the introduction and development of SwissDRG (mandate by the Swiss society for visceral surgery, Swiss society for surgery and the department for Visceral Surgery and Medicine, Bern University Hospital)

Previous clinical appointments

Jan 2011 – June 2022	Bern University Hospital, Switzerland, <i>Department of Visceral Surgery and Medicine, Senior Staff surgeon (Leitender Arzt)</i>
Jan 2008 – Dec 2010	Bern University Hospital, Switzerland, <i>Department of Visceral and Transplant Surgery, Staff surgeon (Oberarzt)</i>
Jan 2006 – Dec 2007	Harvard Medical School, <i>Beth Israel Deaconess Medical Center Gastroenterology, Liver and Transplant Centers, Research Fellow</i>
Aug. 2003 – Dec. 2005	Bern University Hospital, University of Bern, Switzerland <i>Department of Visceral and Transplant Surgery, Staff surgeon</i>
July 2004	Charité Universitätsmedizin Berlin, <i>Department of Surgery, Centre of Minimally Invasive Surgery, Visiting fellow</i>
Sept. 2002 – July 2003	University Hospital Bern, <i>Department of Visceral and Transplant Surgery, Resident in surgery</i>
Jan. 2001 – Aug. 2002	Kantonsspital Aarau, <i>Department of Surgery, Resident in surgery</i>
Jan. 1999 – Dec. 2000	Zieglerspital Bern, <i>Department of Surgery, Resident in surgery</i>

Appointments – non-clinical

Since 2016	Ethical Committee of the Canton Bern, Review of >160 applications
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1.6.2023

Since 2015	Graduate school for cellular and biomedical sciences (GCB) of the University of Bern, Member of expert committee (review of applications)
Since 2019	Graduate school for health sciences (GHS) of the University of Bern, Member of expert committee (review of applications)
2016 - 2022	Forschungskommission Universität Bern, Review of applications submitted to the Swiss National Science foundation for mobility grant, Review of application for grants by the University of Bern

Board memberships

Swiss College of Surgeons	
2019 - 2021	Board member
Swiss Surgical Society	
Since 2018	Board member
Swiss Society for Visceral Surgery	
Since 2008	Board member
2020 – 2022	President
Swiss Society of Thoracoscopic and Laparoscopic Surgery	
2008 – 2017	Board member
2013 – 2015	President

International activities

2019 – 2021	Guild Health Deans: Representative of the Medical Faculty of Bern
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Grants/funding

Competitive	cumulative number	28
	amount awarded (CHF)	11'242'766
Industry	cumulative number	7
	amount (CHF)	1'014'400
Total	cumulative number	35
	amount (CHF)	12'257'166

Current funding

Projects as responsible applicant

Mar 2023 – Feb 2026	SF Board Call, Medical Faculty, University of Bern, Total <u>CHF 750'000</u> , PI: Guido Beldi, Title: Towards reducing infections after healthcare-associated interventions
Jan 2022 – Dec 2024	MCID Multi-Applicant Submission, Total <u>CHF 949'088</u> , allocated to Guido Beldi CHF 144'500, PI: Christian Althaus and Guido Beldi Title: Early detection for early action: integrating multiple data sources for monitoring the SARS-CoV-2 epidemic in near real-time
July 2021 – June 2026	SNF 33IC30_198795, <u>CHF 3'194'160</u> ; PI: Guido Beldi, Title: STOP? II trial: Cluster randomized clinical trial to test the implementation of a toolbox for structured communication in the operating room to reduce surgical mortality.

Projects as co-applicant

Sept. 2023 – Aug 2025	Horizon Europe HORIZON-MSCA-2021-DN-01; No 101072843, Allocated to Guido Beldi and Sandra Keller: <u>CHF 391'412</u> , Title: Tools4Teams, Research Training to Design and Implement Tools Supporting Safe Teamwork in Healthcare
Mar. 2023 – Sept 2024	Swiss personalized Health network. <u>CHF 495'000</u> , PI: Olga Endrich, Allocated to Co-Applicant Guido Beldi CHF 65'000 plus in-kind CHF 65'000 for data scientist. Title: INFRA: INFection Radar: SPHN Demonstrator Project

1.6.2023

Supervision of junior researchers

2 PhD, 1 MD-PhD, 20 MD, 31 Master

Teaching activities

Annual lectures medical students year 4 (Einführungskurs Block, 4 lectures/year)

Annual lectures medical student year 6 (Schlusskurs, 4 lectures/year)

Board memberships

Swiss Society for Visceral Surgery, since 2008 (President 2020-2022)

Swiss Society of Surgery, since 2018

Swiss college of surgeons (founding member) 2016-2021

Swiss Society of Thorac. and Laparosc. Surgery 2008-2018; (President 2013-2015)

Organization of conferences

8 national, 1 international conferences

Prizes, awards, fellowships (25 prizes)

15 awards on conferences (6 research prizes, 7 best posters, 2 best oral presentations), 6 travel awards, 3 Video awards.

Swiss Institution for postgraduate and continuous Medical education (SIWF/ISFM): 2022 Teaching award

Publications

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Peer-reviewed original articles: Cumulative number 95

Citation analysis	Scopus	
	Number of indexed items	174
	Number of citations	3667
	h-index	35
	Relative citation ratio last 5 years (mean):	1.78

Selected publications

1. Jakob MO, Spari D, Sánchez Taltavull D, Salm L, Yilmaz B, Doucet Ladevèze R, Mooser C, Pereyra D, Ouyang Y, Schmidt T, Mattioli I, Starlinger P, Stroka D, Tschan F, Candinas D, Gasteiger G, Klose CSN, Diefenbach A, Gomez de Agüero M, **Beldi G (corresponding author)**. ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. *Cell Rep.* 2023 Mar 17;42(3):112269. doi: 10.1016/j.celrep.2023.112269
2. Tschan F, Keller S, Semmer NK, Timm-Holzer E, Zimmermann J, Huber SA, Wrann S, Hübner M, Banz V, Prevost GA, Marschall J, Candinas D, Demartines N, Weber M, **Beldi G (corresponding author)**. Effects of structured intraoperative briefings on patient outcomes: multicentre before-and-after study. *Br J Surg.* 2021 Dec 17;109(1):136-144. doi: 10.1093/bjs/znab384
3. Sanchez-Taltavull D, Castelo-Szekely V, Murugan S, Hamley JID, Rollenske T, Ganai-Vonarburg SC, Büchi I, Keogh A, Li H, Salm L, Spari D, Yilmaz B, Zimmermann J, Gerfin M, Roldan E, **Beldi G (corresponding author)**; UVCN-COVID researchers. Regular testing of asymptomatic healthcare workers identifies cost-efficient SARS-CoV-2 preventive measures. *PLoS One.* 2021 Nov 5;16(11):e0258700. doi: 10.1371/journal.pone.0258700. eCollection 2021.
4. Dosch M, Zindel J, Jebbawi F, Melin N, Sanchez-Taltavull D, Stroka D, Candinas D, **Beldi G (corresponding author)**. Connexin-43-dependent ATP release mediates macrophage activation during sepsis. *Elife.* 2019 Feb 8;8. pii: e42670. doi: 10.7554/eLife.42670.
5. Kudira R, Malinka T, Kohler A, Dosch M, de Agüero MG, Melin N, Haegele S, Starlinger P, Maharjan N, Saxena S, Keogh A, Stroka D, Candinas D, **Beldi G (corresponding author)**. P2X1-regulated IL-22 secretion by innate lymphoid cells is required for efficient liver regeneration. *Hepatology.* 2016 Jun;63(6):2004-17