

Curriculum Vitae- Prof. Dr. med. Annalisa Berzigotti

1. Personal Information

Name: Annalisa Berzigotti
Date of birth: 27. December 1973
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Current Position: Head of Hepatology and Clinic Director ad Interim, University Clinic for Visceral Surgery and Medicine (UVCN), Inselspital, University Hospital of Bern; Associate Professor of Hepatology, University of Berne; Research group leader, DBMR

2. Education

1998 Medical Doctor (MD) Degree summa cum laude, University of Bologna
2004 Internal Medicine Specialist Degree summa cum laude, University of Bologna
2009 Academic Doctorate (PhD) in Ultrasound in Medicine, University of Bologna
2009-2010 Master in Research in Liver Diseases, University of Barcelona (UB), Spain
2011 Post-graduate certificate in Methodology in Biostatistics, Autonom University Barcelona (UAB)
2012 Academic Doctorate (PhD) in Medicine (Hepatology) summa cum laude and special mention prize, University of Barcelona (UB). Title of the thesis: "Novel non-invasive methods for cirrhosis and portal hypertension"
2012 Italian National Academic Qualification as Associate Professor in Gastroenterology and in Internal Medicine
16.03.2016-: Associate Professor of Hepatology, Faculty of Medicine, University of Bern (Umhabilitation mit gleichzeitiger Ernennung zur Assoziierten Professorin – Hepatologie, Medizinische Fakultät, Universität Bern)
October 2016-: Visiting Professor at the University of Belgrade, Serbia.

3. Employment history

10.1999-10.2004 Resident in Internal Medicine, hired based on a competitive selection, Policlinico S. Orsola-Malpighi (University Hospital), Bologna, Italy
12.2004-11.2006 Specialist in internal medicine for in- and outpatients care. Policlinico S.Orsola-Malpighi (University Hospital), Bologna, Italy. The contract complemented the pre-doctoral research grant obtained in the same institution (see line below).
06.12.2004-28.11.2008 Pre-doctoral research fellow, University of Bologna, Policlinico S.Orsola-Malpighi Bologna, Italy
11.2008-9.2012 Specialist in ultrasound imaging (40%), Hospital Clinic, Barcelona, Spain.
12.2008-03.2009 Pre-doctoral research fellow (60%); Hepatic Hemodynamic Laboratory, Fundació Clínic per a la Recerca Biomédica (FCRB), Hospital Clínic, University of Barcelona, Spain
04.2009-10.2013 Post-doctoral research fellow, Hepatic Hemodynamic Laboratory, Fundació Clínic per a la Recerca Biomédica, Hospital Clínic, University of Barcelona, Spain
10.2013-11.2014 Post-doctoral research contract (100%), Hepatic Hemodynamic Laboratory, Hospital Clinic, Barcelona, CIBERehd, Spain

12.2014-12.2015	Oberärztin II 100%, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, <u>Berne</u> , Switzerland
01.2016-08.2016	Oberärztin I 100%, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, Berne, Switzerland
09/2016-01/2021	Leitende Ärztin 100%, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, Berne, Switzerland.
02/2021-	Chefärztin Hepatologie 100%, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, Berne, Switzerland.
03/2021-	Clinic Director ad Interim, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, Berne, Switzerland.

4. Institutional responsibilities

12/2014-	Research group leader, DBMR
2016-2020	Committee for management of inpatients (Geschäftsleitung stationäre Bereich) at the University Clinic of Visceral Surgery and Medicine, Inselspital, Berne, Switzerland
2019-	Member of the Interdisciplinary Board – Fontan patients- Inselspital (Leiter: Prof. M. Schwerzmann, Kardiologie)
06.2019-	Steering Committee of the Interdisciplinary Center for Intervention (IZI), Inselspital, Berne, Switzerland
2020-	Committee for management of outpatients (Geschäftsleitung ambulante Bereich), University Clinic of Visceral Surgery and Medicine, Inselspital, Berne, Switzerland
2020-	Member of the interdisciplinary Tumor Board for Myeloproliferative Neoplasms- Inselspital
03.2020-	UVCN Covid-19 Task Force
09.2020-	Member of the Expert Committee Commission I - Graduate School for Health Sciences (GHS), University of Bern
03.2021-	President, Stiftung für Leberkrankheiten, Bern
03.2021-	Clinic Director ad Interim, University Clinic of Visceral Surgery and Medicine, Hepatology, Inselspital, Berne, Switzerland.

5. Ongoing competitive research projects

1. Swiss National Science Foundation (SNSF) 320030_189252. Inhibition of the stiffness-derived molecular axis to improve liver cirrhosis and portal hypertension. Role: principal investigator (Co-PI: Jordi Gracia-Sancho) (November 2019-October 2022).
2. Bern Center for Precision Medicine (BCPM) Grant 2019 “Predictive factors of cirrhosis regression in patients with advanced chronic liver disease”. Role: principal investigator.
3. National Institute of Health (US) NIH R01-CA215520-02. Contrast-Enhanced Ultrasound Evaluation of focal liver lesions in patients with cirrhosis or other risk factors for developing HCC. Role: Site main investigator. PI: A. Lyshchik (Jefferson University). (January 2019- August 2021).
4. Swiss Cancer Research KFS-4131-02-2017. Effect of direct acting antiviral drugs on the occurrence of intra- and extra-hepatic malignancies in patients with chronic hepatitis C. Role: principal investigator. (July 2017- December 2021).
5. Swiss Transplant Cohort Study. FUP 149. Characterization of the effects of statins in the setting of liver transplantation.
6. Italian Ministry of Health. Role of Nutritional intervention for the treatment of sarcopenia in cirrhotic patients with refractory ascites candidate to transjugular Intrahepatic Portosystemic Shunt placement and identification of prognostic factors related to clinical outcome. (April 2021- April 2024)

Project Partner in the following Swiss National Science Foundation (SNSF) ongoing projects:

- SNF 179038. Quantitative multimodal spectral optoacoustic and speed-of-sound imaging for multimodal handheld diagnostic ultrasound. PI Dr. Martin Frenz- Applied Physics Dept., UniBe (July 2018 – June 2022)
- SNF 188591. MAPIT - MAgnetic resonance (MR) relaxometry for extracellular volume (ECV) mapPIng combined with elasTography for noninvasive characterization of diffuse liver

disease. PI Dr. Adrian T. Huber- Radiology Dept., Inselspital (July 2020 – June 2024)

6. Research training

2010: Master in Research in Liver Diseases, University of Barcelona (UB), Spain

2011: Post-graduate certificate in Methodology in Biostatistics, Autonom University Barcelona (UAB), Spain

Since 2012: Good Clinical Practice (GCP) certificates in Spain and Switzerland, regularly renewed.

2021: renewal of Good Clinical Practice (GCP) Certificate, University of Neuchatel, Switzerland.

7. Teaching activities in Bern

2015-: Faculty member, liver module, Master in Biomedicine, University of Bern

2018-: Coordinator of the Liver Module of the Master in Biomedicine, University of Bern

2019-: Coordinator of the thematic block “diseases of the gastrointestinal system, liver and metabolism”, third year of medical studies, University of Bern

2016-2019: Tutor, Problem Based Learning, Themenblock 5, 6 und 7 (2016); Tutorenblock 5 (2017-19)

2018-2020: Vertiefungsseminar (4 h/year in 2018 and 2019, 2 h/year 2020)

2020: frontal lectures and Themenblock summary, third year of medical studies.

2020-: Member of the Expert Committee Commission I - Graduate School for Health Sciences (GHS), University of Bern

Supervisor of MD Dissertations (completed): Jacqueline De Gottardi (2019); Cristina Margini (2020); Valerie Will (2020).

Ongoing Masterarbeit and dissertations: Anne-Sophie Blunier; Wiebke Van Beurden; Christian Ruch; Inge Nobbenhuis.

Academic Supervisor of the Excellence Government Scholarship/PhD Students: Yuly Mendoza (Colombia; ESKAS, 2018-2019; GHS PhD Student 2019-); Sonia Salicean (ESKAS, Romania; GCB PhD Student; 2019-2021); Ahmed Elmahdi (ESKAS, Egypt; 2019-2020)

Academic Supervisor of the Chinese Government Scholarships Students: Tao Wan (2018-2020); Cong Wang (2018-2021; GCB PhD Student).

Academic Supervisor of Élise Vuille-Lessard - Canadian Association for the Study of the Liver CASL-CLF Clinical Hepatology Fellowship (2020-2021).

8. Memberships in panels, boards, and individual scientific reviewing activities

2010-present: reviewer for: Gastroenterology, Hepatology, Journal of Hepatology, American Journal of Gastroenterology, Clinical Gastroenterology and Hepatology, Alimentary Pharmacology and Therapeutics, Liver International, JCU, EJU, JUM.

2013-2015: Member of the Annual Meeting Education Committee of the American Association for the Study of the Liver (AASLD).

2015: Member of the Scientific Committee of the Baveno VI consensus conference

2014-2016: Expert Reviewer for the International Liver Congress™ of the European Association for the Study of the Liver (EASL).

2014-2015: Expert reviewer for Horizon 2020 projects of the European Commission

2016: Member of the writing group of the American Association for the Study of Liver Disease (AASLD) Guidance on Variceal Bleeding in Cirrhosis.

2016-2019: Member of the Scientific Committee, Governing Board of European association for the study of the liver (EASL)

2018- Member of the Steering Committee of the Baveno Cooperation

2017-2018: Editorial Board – Hepatology; 2020-: Editorial Board – Liver International

2016-2019: Associate Editor- Digestive and Liver Disease

2016-: Associate Editor- Seminars in Liver Disease (IF 4.457)

04/2019-: Associate Editor - Journal of Hepatology (IF 20.582)

2018-2019: Panel member- EASL Clinical Practice Guidelines –Nutrition in chronic liver disease

2019-2021: Chair – EASL Clinical Practice Guidelines Panel -Non invasive assessment and

- prognosis of chronic liver disease.
- 2019-: Member of the Taskforce on Regulatory Affairs & Medical Devices, Biomedical Alliance
- 2021-: Panel member- EASL Clinical Practice Guidelines –decompensated cirrhosis
- 2021-: Member of the writing group of AASLD Clinical Guidance on portal hypertension.

9. Active memberships in scientific societies and invited lectures

EASL, AASLD, EFSUMB, Swiss Association for the study of the liver (SASL), Spanish Assoc. for the study of the liver (AEEH), Canadian Association for the study of the Liver; Women in Hepatology.

Invited to give lectures about clinical and diagnostic aspects of portal hypertension in over 90 national and international meetings, including EASL and AASLD.

10. Prizes, awards, fellowships

2013: Special Prize “Premio extraordinario de Doctorado” of the University of Barcelona for the scientific quality of the doctoral thesis.

2013: Prize “Rising Star in Gastroenterology and Hepatology”, Sociedad Española de Patología Digestiva (SEPD).

2018: first winner of the Stern-Gattiker Prize, Swiss Academy of Medical Sciences

2019-2020: H.I.T- High Potential University Leaders Identity & Skills Training Program - Gender Sensitive Leaders in Academia – Swiss Universities (competitively selected participants)

11. Languages

Italian: native language

English: level C1

German: level C1

Spanish: level C2

Catalan: level C1

12. Scientific interest, output and bibliometrics

Main interests: cirrhosis; portal hypertension; hepatic hemodynamics; non-invasive methods for the assessment of liver disease; nutrition in liver disease.

Overall output: **186 ISI indexed peer-reviewed publications** (109 original articles; 36 reviews; 14 guidelines; 8 editorials; 19 other). 20 Book chapters; 1 book as Editor, published in 2018 (“Diagnostic methods in cirrhosis and portal hypertension”. Berzigotti A and Bosch J Editors. Springer Publisher).

Bibliometrics

- Scopus (accessed on 26.03.2021): H-index 46.

- Google Scholar (accessed on 26.03.2021): H-index 53; i-10 Index: 119; total cites 12900.

Link to a comprehensive publication list:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=berzigotti+a>

Bern, 26.03.2021

