

Curriculum vitae - Overview

Prof. Dr. med. Harriet C. Thoeny

Diplomas

2020	Full Professor of Radiology, University of Fribourg
2017	European Diploma in Urogenital Radiology
2013	European Diploma in Head & Neck Radiology
2009	Associate Professor, University of Bern
2005	Habilitation (Venia docendi), University of Bern
1998	Board Certification in Diagnostic Radiology
1991	Medical Thesis, MD, University of Bern
1989	Degree in Medicine, University of Bern

Employment History

- Since 05/2018: Chairperson Hôpital fribourgeois, Fribourg, University of Fribourg, Switzerland
- Since 01/2020: Full Professor of Radiology, University of Fribourg
- Since 05/ 2018: Consultant, Department of Urology, Inselspital, University of Bern, Switzerland
- 2008-2018: Senior Staff Member (Leitende Aerztin), University Institute of Diagnostic, Interventional and Pediatric Radiology (DIPR), Inselspital, University Hospital Bern, Bern/Switzerland. Responsible for Urogenital Radiology and Head & Neck Radiology.
- 2002-2008: Senior Physician Level I (Oberärztin I), DIPR, University Hospital Bern.
- 2003-2004: Research Fellowship, Department of Radiology, University Hospitals of Leuven, Gasthuisberg, Leuven/Belgium.
- 1999-2002: Senior Physician Level II (Oberärztin II), DIPR, University Hospital Bern.

Institutional Responsibilities

- Representative for Quality, Teaching and Research: Faculty of Medicine, DIPR, University Hospital Bern, 2007- 2018
- Board member: Union of Lecturers, Faculty of Medicine Bern (VDM), 2011-2018
- Assistance in various university businesses (successions and promotions)
- Co-Reviewer of several habilitations as well as doctoral theses and associate professors
- Comprehensive Cancer Center, University Hospital Bern: Uro-oncological Center - University Prostate Cancer Center Bern: Responsible for Radiology until 05/2018
- Comprehensive Cancer Center, University Hospital Bern: Head and Neck Cancer Center: Responsible for Radiology until 05/2018

Approved Research Projects

Several peer reviewed grants as PI or Co-PI, including:

- 2007-2013, SNF: "Noninvasive Detection of Clinically Occult Lymph Node Metastases in Prostate and Bladder Cancer Evaluated by USPIO-Enhanced MRI and Diffusion-Weighted MRI: A Histopathological Correlation." Project number 320000-113512/1. Total grant: 296,000 SFr.
- 2013-2017, Magneto Theranostics (www.nano-tera.ch): "From Cancer Detection to Treatment." Project number 20NA21_145919. Total grant: 2,700,000 SFr.
- 2009-2011, Carigest, Genève: "Noninvasive detection of pelvic lymph node metastases in patients with bladder and prostate cancer." Total grant: 112,058 SFr. SNSF project
- 2006-2010: (#320000-111959): "Evaluation of kidney function by multi-modal magnetic resonance imaging and spectroscopy in renal transplantation." PI P. Vermathen, CI H. C. Thoeny, CI U. Eisenberger, CI R. Kreis
- 2010-2015, Stiftung Propter Homines: "Bedeutung der diffusions-gewichteten MRT zur Therapiekontrolle von Patienten mit malignen Tumoren." Total grant: 60,000 SFr.
- 2010-2014, Kurt und Senta Herrmann-Stiftung, Liechtenstein: "Comparison of diffusion-weighted MR parameters with different manufacturers." Total grant: 30,000 SFr.
- 2011-2017, Carigest, Genève: „Monitoring of treatment response in cancer patients by functional magnetic resonance." Total grant: 300,000 SFr.
- 2012-2015, Maiores Foundation: "Treatment monitoring after radiation therapy in Head & Neck tumors by functional MR techniques." Total grant: 250,000 SFr.
- 2015-2018, Maiores Foundation: "Imaging of prostate cancer." Total grant: 300,000 SFr.
- 2015-2018, Kurt und Senta Herrmann-Stiftung, Liechtenstein: "Improvement of prostate cancer detection." Total grant: 150,000 SFr.

- 2017-2020: Swiss representative in the administrative committee of the Europ. Cooperation in Science and Technology COST CA 16103, "MRI Biomarkers for Chronic Kidney Disease.", SBFI Nr. C16.0131.
- Investigator of PRECISION trial on "Prostate Evaluation for Clinically Important Disease: Sampling Using Image-guidance Or Not." (NCT 02380027)
- 2018-2022, Swiss National Science Foundation (SNF): "Personalized imaging for active surveillance of prostate cancer patients". Project number: 32003B_176229/1. Total grant: 632,000 Sfr.
- Project number: Subside n°IZCOZO_177140/1. Swiss National Science Foundation (SNF):
- "Renal diffusion MRI in chronic kidney disease: a multi-centric approach." 2018-2022. Total grant: 319'661 Sfr.

Supervision of Junior Researchers: Supervision of 7 doctoral theses and several post-doctoral fellows including Sebastiano Barbieri (2013-2018), Daniel Chong (2009-2013), Lauren Bains (2011-2013), Gianluca Giannarini (2013-2014), Olivio Donati (2014), Philipp Steiger (2016).

Teaching Activities: Regular teachings and continuous education for medical students, residents in radiology, residents in urology and internal medicine; multiple international workshops and teaching courses; teaching for technicians in radiology.

Past Board and Scientific Expert Activities

- Past-president of the European Society of Urogenital Radiology (ESUR), 2016-2018
- President of the European Society of Urogenital Radiology (ESUR), 2014-2016
- President-elect of ESUR, 2012-2014
- Member-at-large of ESUR, 2010-2012
- Member of the Research Committee: European Society of Radiology (ESR), 2009-2013
- Member of the Scientific Subcommittee: European Congress of Radiology (ECR): Urogenital Radiology, 2010, 2012 and 2013
- Chairperson of Head & Neck Radiology of the Scientific Subcommittee of ECR, 2011
- Committee member: European Society of Radiology (ESR) Imaging Biomarkers, 2010-2015
- Committee member: European Imaging Biomarkers Alliance (EIBALL), 2015-2016
- Member of the ESR Leadership Institute, 2012-2014
- Member of the Program Planning Committee (PPC) of ECR, 2015
- President of the Woman Advisory Board (WAB) National Center of Competence (NCCR)-Co-Me, 2007-2013

- Member of the Program Planning Committee, European School of Radiology (ESOR), 2014-2017
- Member of the Programme Planning Committee (PPC) of ECR for 2017 and 2018
- Representative for Quality, Teaching and Research, Faculty of Medicine, University Institute for Diagnostic, Interventional and Pediatric Radiology, University of Bern, 2007-2017
- Board member of the Union of Lecturers, Faculty of Medicine Bern (VDM), since 2011-2018
- Member of the PI-RADS (Prostate Imaging Reporting and Data System) Steering Committee 2014-2019

Current Board and Scientific Expert Activities

- Executive board member of the International Cancer Imaging Society (ICIS), since 2012
- Secretary of the International Cancer Imaging Society (ICIS), since 2017
- Chair of the RSNA Regional Committee for Europe, 2019-2022
- Member of the Subcommittee on Prostate Cancer: European Society of Radiology (ESUR), since 2010
- Committee member (functional imaging) European Society of Molecular and Functional Imaging in Radiology (ESMOFIR), since 2012
- Member of the genitourinary subcommittee of the Scientific Program Committee (SPC): Radiological Society of North America (RSNA), 2014-2020
- Vice-Chair of the RSNA Regional Committee for Europe, 2017-2019
- Member of the International Advisory Board of RSNA, 2019-2022
- Member of the European Multidisciplinary Meeting on Urological Cancers (EMUC) Scientific Committee, since 2015
- Member of the EORTC Imaging Group, since 2015
- Member of the Scientific Committee: Swiss Society of Radiology
- Member of the Board Examination Committee: Swiss Society of Radiology
- Member of the Trial Steering Committee (TSC) for the project "Impact of multiparametric MRI on staging and management of patients with suspected and confirmed ovarian cancer" (MROC study, HTA Project 14/13/04), NHS, UK, since 2016
- Member of the Working Group Imaging of SAKK (Swiss Group for Clinical Cancer Research), responsible of Genitourinary PG Urogenital Tumors, since 2016
- Trustee foundation board (Stiftungsratsmitglied) Landesspital Vaduz, Liechtenstein, 2018-2020
- Vice president foundation board Landesspital Vaduz, Liechtenstein, since 2020
- Trustee Kurt und Senta Hermann-Foundation, Liechtenstein, since 2016

Active Memberships in Scientific Societies

- European Society of Urogenital Radiology (ESUR)
- International Cancer Imaging Society (ICIS)
- Radiological Society of North America (RSNA)
- Swiss Society of Radiology (SGR-SSR)
- International Society for Magnetic Resonance in Medicine (ISMRM)
- European Society of Radiology (ESR)
- European Society of Gastrointestinal and Abdominal Radiology (ESGAR)
- European Society of Hybrid Imaging (ESHI)

Organisation of Conferences

Scientific committee and organization of several meetings of the International Cancer Imaging Society (ICIS), the European Society of Radiology (ESR), the European Society of Urogenital Radiology (ESUR), the European Meeting on Urological Cancers (EMUC), the Swiss Congress of Radiology (SSR).

Awards and Fellowships

- 1st prize: Best Scientific Paper Award within the topic “Genitourinary”:
European Congress of Radiology (ECR) 2006, Vienna: “Diffusion-weighted MRI of renal allografts: a comparative study to healthy volunteers.” (EUR 1500.-).
- 1st prize: Best Scientific Presentation at the member’s day.
Annual meeting of the European Society of Urogenital Radiology (ESUR) in Cairo: “Functional evaluation of transplanted kidneys by blood oxygenation level-dependent imaging: a comparative study to healthy volunteers.”
- “Radiology” Reviewer Award: “with special distinction”, 2009, 2010, 2012, 2014
- Associate Editor Radiology, since 2015
- Honorary Member of the Spanish Society of Abdominal Radiology (SEDIA), 2016
- Fellow of the International Cancer Imaging Society (ICIS), since 2005
- Fellow of the European Society of Urogenital Radiology (ESUR), since 2005
- Fellow of the European Society of Head and Neck Radiology (ESHNR), since 2013
- Honorary Fellow of the Asian Society of Abdominal Radiology (ASAR), 2017

Invited Talks at International Meetings

Invited talks and workshops in international meetings, including Annual Meeting of European Society of Radiology (ESR), European Society of Urogenital Radiology (ESUR), International Cancer Imaging Society (ICIS), Société Française de Radiologie (SFR), International Society of Magnetic Resonance in Medicine (ISMRM), European Society of Gastrointestinal Radiology (ESGAR), Società Italiana di Radiologia Medica (SIRM), Nordic Congress of Radiology (NCR), Korean Congress of Radiology (KCR), European School of Radiology (ESOR), Deutscher Röntgenkongress (DRG), Spanish Society of Abdominal Radiology (SERAM), European Society of Magnetic Resonance in Medicine and Biology (ESMRMB), Swiss Society of Radiology (SSR), Society of Abdominal Radiology (SAR), European Association of Urology (EAU), European Multidisciplinary Meeting on Urological Cancers (EMUC), European Cancer Congress (ECCO), Radiological Society of North America (RSNA), Romanian Society of Radiology (SRIM), Forum on Oncology and Radiology (Moscow); Visiting Professor University of Pennsylvania (UPEN), Philadelphia and Medical University of South Carolina, Charleston