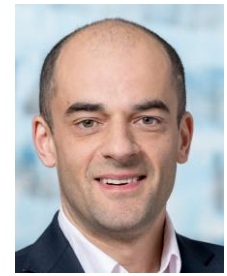


# Curriculum Vitae - Daniel Razansky



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## EDUCATION

2006 – 2007	Postdoc in Radiology, Harvard Medical School, Boston, USA
2003 – 2006	Ph.D., Biomedical Engineering, Technion – Israel Institute of Technology
1996 – 1998	M.Sc., Electrical Engineering, Technion – Israel Institute of Technology
1991 – 1995	B.Sc., Electrical Engineering, Technion – Israel Institute of Technology

## EMPLOYMENT

2018 –	<i>Full Professor of Biomedical Imaging</i> Faculty of Medicine & Inst of Pharmacol and Toxicology - University of Zurich Institute of Biomedical Engineering & Dept. of Information Technology and Electrical Engineering - ETH Zurich
2012 – 2018	<i>Associate Professor of Molecular Imaging Engineering</i> Faculty of Medicine, Technical University of Munich, Germany
2007 – 2018	<i>Senior Scientist, Group Leader</i> Institute for Biological and Medical Imaging, Helmholtz Center Munich, Germany
2005 - 2006	<i>Staff Scientist- Algorithmics</i> , Johnson & Johnson Co (Biosense Webster), Haifa, Israel
1999 – 2002	<i>System Engineer</i> , Terayon Comm Systems, Tel-Aviv, Israel

## FELLOWSHIPS & AWARDS (SELECTION)

2021	<i>Fellow</i> , Institute of Electrical and Electronics Engineers (IEEE)
2019	<i>Fellow</i> , International Society for Optics and Photonics (SPIE)
2017	<i>Fellow</i> , Optical Society of America (OSA)
2016	ERC Consolidator Grant
2016	Human Frontier Science Program Award
2014	German Innovation Prize for the invention of the MSOT technology
2011 and 2012	“Young Elite: Top 40 under 40” list of the Capital Magazine
2010	ERC Starting Grant
2010	Biovaria spin-off award

## COMMISSIONS OF TRUST & MEMBERSHIPS (SELECTION)

2018 -	<i>Executive Board Member</i> , European Society for Molecular Imaging
2017	<i>Committee Member</i> , Wellcome Trust Fellowships and Awards, UK
2016 -	<i>Special Emphasis Review Panel Member</i> , NIH BRAIN Initiative
2015 –	<i>Scientific Review Board</i> , Swiss National Science Foundation
2015 –	<i>Scientific Review Board</i> , Research Executive Agency (REA), European Commission
2014 –	<i>Topical Editor</i> , <i>Light: Science &amp; Applications</i> journal (Nature Publishing Group)

2014 –	<i>Member</i> , IEEE-EMBS Technical Committee on Biomedical Imaging and Image Processing (BIIP)
2014	<i>Evaluator</i> , Killam Prize for distinguished Canadian scholars
2013 –	<i>Scientific Review Board</i> , European Research Council (StG, CoG, AdG)
2012 –	<i>Associate Editor</i> , IEEE Transactions on Ultrasonics, Ferroel & Freq Contr (UFFC)
2012 –	<i>Co-founding Editor</i> , <i>Photoacoustics</i> journal
2011 –	<i>Associate Editor</i> , Medical Physics
2011 – 2013	<i>Advisory Board</i> , Austrian Network of Photoacoustic Imaging
2010 –	<i>Review Board</i> , Israel Science Foundation
2009	<i>Review Board</i> , Natural Sciences and Engineering Research Council of Canada
2009	<i>Scientific Review Board</i> , The Netherlands Organization for Health Research and Development

## ORGANISATION OF SCIENTIFIC MEETINGS

- 2023 *Program Committee*, European Conference on Lasers and Electro-Optics (CLEO), Munich, Germany
- 2022 *Program Committee*, 17<sup>th</sup> European Molecular Imaging Meeting, Thessaloniki, Greece, 2022
- 2022 *Program Committee*, IEEE International Symposium on Biomedical Imaging (ISBI), Kolkata, India
- 2021 *Organizing Committee*, SPIE Advanced Biophotonics Conference 2021, South Korea
- 2021 *Program Committee*, European Conferences on Biomedical Optics (ECBO 2021), Munich, Germany
- 2020 *Program Committee*, 14<sup>th</sup> Pacific Rim Conference on Lasers and Electro-Optics (CLEO), Sidney, Australia
- 2020 *Program Committee*, OSA Conference on Clinical and Translational Biophotonics, Florida, USA
- 2019 *Program Committee and Chair*, European Conferences on Biomedical Optics, Munich, Germany
- 2018 *General Chair*, OSA Conference on Optical Tomography and Spectroscopy, Miami, FL
- 2018 *Category Chair*, 13<sup>th</sup> European Molecular Imaging Meeting, San Sebastian, Spain
- 2017 *Program Committee* - OSA Optics and the Brain Conference, San Diego, CA, USA
- 2017 *Program Committee and Chair* - European Conferences on Biomedical Optics, Munich
- 2016 *Associate Editor* –38<sup>th</sup> IEEE EMBS Conference, Orlando, FL, USA
- 2016 *General Co-Chair* - OSA BIOMED Conference, Fort Lauderdale, FL, USA
- 2016 *Program Committee* - CLEO: Science and Innovation Conference, Washington, DC, USA
- 2015 *Mini-symposium Co-Chair* - 37<sup>th</sup> Annual International Conference of IEEE EMBS, Milan, Italy
- 2015 *Category Chair* - World Molecular Imaging Congress, Honolulu, HI, USA
- 2015 *Program Committee and Chair* - European Conferences on Biomedical Optics, Munich
- 2014 *Program Committee and Chair* - World Molecular Imaging Congress, Seoul, South Korea
- 2014 *Subprogram Chair* - OSA BIOMED conference, Miami, FL, USA
- 2013 *Program Committee and Chair* - 8<sup>th</sup> European Molecular Imaging Meeting, Torino, Italy
- 2011 *Program Committee and Chair* - World Molecular Imaging Congress, San Diego, CA, USA
- 2010 *Program Committee and Chair* - World Molecular Imaging Congress, Kyoto, Japan
- 2009 *Program Committee* - World Congress on Medical Physics and Biomed. Eng., Munich
- 2009 *Program Committee and Chair* - World Molecular Imaging Congress, Montreal, Canada

## Supervision of Graduate Students and Postdoctoral Researchers

- Postdoc supervision** – 15 postdocs and 4 sabbatical fellows work/ed under my direct supervision
- PhD students** – 21 students completed their PhD thesis (13 as main advisor, 8 co-supervised)
- Master students** – 15 students completed their Master thesis under my direct supervision
- Theses in progress** – 12 Ph.D. students (3 of them jointly supervised), 2 Master students

## Research Impact

Co-founder of iThera Medical GmbH, a spin-off successfully commercializing the MSOT imaging technology for biological and clinical use. Founding Editor of the *Photoacoustics* journal (IF 9.7). Raised >14Mio CHF in third-party research grants from the Swiss, European and US funding agencies. Total number of peer-reviewed papers – 305; H-index 67 (google scholar). Complete list of papers is available at: <https://scholar.google.com/citations?user=zzmM5ggAAAAJ&hl=en>