

SNF-Curriculum vitae 2022:

Mira Katan, MD, MS, University Hospital Basel, Switzerland mira.katan@usb.ch

1. Personal Information & Current position

Research-ID: <https://orcid.org/0000-0002-9265-8066>
Google Scholar: <https://scholar.google.ch/citations?user=z9riSlkAAAAJ&hl=de>

Ad Personam: Name: Mira Katan Kahles
 Nationality: Swiss
 Marital status: Married to Timo Kahles
 Children: Noemi Soraya Kahles 05.02.2015

Position: Head of the Stroke Unit/ Deputy Head Neurological Emergencies
 University Hospital of Basel
 Department of Neurology
 Petersgraben 4
 Basel, Switzerland

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2. Education/Certificates

2003 Swiss Federal Medical Examination, University of Zurich, Switzerland

2006 MD-basic experimental doctoral Thesis, University of Zurich, Switzerland

2009 Neurological Board Exam, Switzerland

2012 Masters of Science (Epidemiology and Biostatistics), Columbia University, USA

2012 FMH Neurology & EEG Certificate, Switzerland

2014 Neurovascular Ultrasound Certificate, Switzerland

2014 Venia legendi (Habilitation), University of Zurich (UZH), Switzerland

2022 "Titularprofessur", University of Basel (Unibas), Switzerland

3. Professional and academic experience

2004-2010 Neurological Residency, University Hospital Basel, CH

2005-2006 Rotation in Internal Medicine, University Hospital Basel, CH

2010-2012 Research Fellowship, Columbia University (Prof. M. Elkind), USA

2012-2014 Clinical Stroke Fellowship, University Hospital Zurich (USZ), CH

2014- 2022 Senior physician at USZ & Research group leader at the ZNZ (UZH and ETH) and ZIHP, CH

Since 2022 Head of the Stroke Unit/ Deputy Head Neurological Emergencies, University Hospital Basel, CH

4. Selected Research Projects & Funding As MAIN Applicant

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|----------------------------------|--|
| 2008-2010 Competitive | Career Grant, for “The COSMOS Study” and the “CoSlp Study”, University of Basel |
| 2010-2012 Competitive | Project Grant for “The CoRisk-Study” from the Insel-Foundation, University of Berne |
| 2010-2012 Competitive | Project Grant for “The CoRisk-Study” from the Clinical Trial Unit, University of Berne |
| 2010-2014 Industry | Research Award, to support the “The CoRisk study” BRAHMS (Berlin, Germany) |
| 2010-2011 Competitive | Career Grant, “Inflammation and neuroendocrine dysfunction-related biomarkers: relevance to stroke risk and recurrence”, Swiss National Science Foundation (SNF) |
| 2010-2012 Competitive | Educational Grant for a Master’s of Science, focus on biostatistics and epidemiology Columbia University, New York, USA, Max Cloetta Stiftung, Switzerland |
| 2012-2013 Competitive | Trans-Atlantic Career Award, “The role of Copeptin, MRproANP and PCT as markers of ischemic stroke risk in the Northern Manhattan study”, the Foundation Leduqc |
| 2013-2017 Competitive | Ambizione_Grant , for “the BIOSIGNAL study” (clinicaltrials.gov NCT02274727), from the Swiss National Science Foundation (SNF; PZ00P3 142422) |
| 2015-2016 Competitive | Project Grant, for the project “Discovery of novel blood biomarkers of post stroke pneumonia by quantitative mass spectrometry” from the EMDO Stiftung |
| 2017-2019 Competitive | Project Grant “The role of natriuretic peptides and newly discovered cardioembolic stroke biomarkers” from the Swiss Heart Foundation |
| 2017-2019 Industry | KITs for a subproject within the “The BIOSIGNAL study” from BRAHMS Thermofisher Scientific (Henningsdorf, Berlin, Germany) |
| 2017-2021 Competitive | Grants for protected research time from the University Hospital of Zurich & from the BAASCH Medicus Foundation |
| 2019-2020 Industry | “In kind award” for KITs for a subproject within the “BIOSIGNAL study” from ROCHE Diagnostics |
| 2019-2023 Competitive | Project Grant for the “MOSES-trial” from the Swiss National Science Foundation (SNF; 32003B_182267) |
| 2019-2023 Industry | “In kind” award for KITs, for analysis of MRproANP in “The MOSES Trial” from BRAHMS Thermofischer Scientific (Henningsdorf, Berlin, Germany) |
| 2019-2020 Competitive | Project Grant: “The Role of Preselected Electrocardiogram-Markers in Stroke Etiology, Recurrence, and Post-Stroke Vascular Mortality”, EMDO-Stiftung |
| 2020-2021 Competitive | Project Grant: “Lipoprotein (a)-A potential biomarker for risk prediction and diagnosis of large vessel atherosclerosis (LAA) stroke etiology”, K & S. Hermann-Stiftung |
| 2021-2022 Competitive | Project Grant for the “MOSES-trial” from the Swiss Heart foundation |
| 2021-2023 Philanthropy | Support for the “MOSES-trial” from the Göhner Stiftung Zürich, UZS-Foundation |

Funding as lead applicant : 3`303`707 CHF / Total >6 000 000 CHF (including co-applications)

5. Supervision Of Junior Researchers & Teaching Activities

Supervision of medical-doctoral- thesis and master thesis at the University of Basel and Zurich, Switzerland

- 9 Doctoral students (Sandrine Urwyler, Nicole Nigro, Karl Frontzek, Natalie Scherrer, Antonela Bicvic, Rebecca Senn, Tim Honegger, Felix Gross, Tiziana Ielapi-Giuffrida)
- 7 Master students (Carla Walti, Rebecca Senn, Julian Sonderer, Leonie Schreck, Katja Bracher, Saskia Grimm, Adain Gebhardt)

Since 2012: Regular instructor for MD students, residents, and nurses at the UZH
Since 2016: Examiner for the “Swiss Federal Medical Examination”
Since 2016: “Examiner for the Neurological Board Exams”
Since 2017: Teaching courses for the Swiss Federation of Clinical Neuro-Societies
Since 2018: Teaching course for the European Stroke Organization

6. Selection of Awards (4 out of 12)

2007 Servier Award, Swiss Society for Endocrinology and Diabetology (SSED)
2007 Déjérine-Dubois Award, Swiss Society of Neurology (SSN)
2009 Young Investigator Award, Verein zur Förderung der Neurologischen Wissenschaften, Germany
2017 Morgens and Wilhelm Ellermann Award, Swiss Society of Neurology (SSN)

7. Scientific Reviewing Activities

Ad hoc reviewer for several scientific journals (e.g. the Lancet Neurology, Circulation, JAMA Neurology, JACC) as well as for national (i.e. SNF) and international funding institutions (e.g. Scottish, Finnish, Canadian or German Government).

Since 2017 Associated Editor of the AHA Journal STROKE (16/204 in clinical Neurology)
Since 2018 Editorial Board member of the AAN Journal NEUROLOGY (10/204 in Neurology)
Since 2020 Editorial Board member of the European Stroke Journal

8. Scientific Memberships & Meeting/Conference Activities

2013- 2017 Chair of the “International Biomarkers in Cerebrovascular Disease-(IBCD) study group”
2016-2019 Chair of the “Research Group Leaders” at the University Hospital of Zurich (USZ)
2016-2021 Member of the organization committee for the annual “clinical research day” at the USZ
Since 2017 Fellow of the European Stroke Organization (ESO)
Since 2019 Secretary General of the Swiss Stroke Society
2019-2020 Chair of the PR-Committee for the ESO-Conference
Since 2020 Board Member of the “Zurich Center for Integrative Human Physiology (ZIHP)”
2021-2022 Chair of the Scientific Abstract Committee for the ESO-Conference

9. Selection of public outreach during last 2 years

Interview with SRF to inform the lay public about stroke:

<https://m.srf.ch/audio/treffpunkt/hirnschlag-und-wie-er-sich-zeigt?id=11855749>

Video-Interview by the Swiss Heart Foundation to inform the lay public about stroke research

<https://www.youtube.com/watch?v=GA1oG-Sil>

Interview on biomarkers & precision medicine in the stroke field

<https://vjneurology.com/video/dkp8lckspba-biomarker-driven-trials-of-anticoagulants-vs-antiplatelets-for-secondary-stroke-prevention/>

Talks open for the lay public such as at the latest Brain Fair in Zurich

https://www.hirnliga.ch/fileadmin/user_upload/0_Startseite/1_Woche_des_Gehirns/2022/Zurich_BF22_Flyer.pdf