

**Prof. Dr. med. Dr. phil. Andrea Sylvia Winkler**

**Professor of Global Health  
Director of the Centre for Global Health  
Institute of Health and Society  
University of Oslo**

**Senior Researcher and Specialist Neurologist  
Head Munich Global Neurology Group  
Department of Neurology,  
Co-director of the Center for Global Health  
Technical University of Munich**



**Core competencies (thematic):**

Clinical and research experience as documented by degrees, attracted funding and publications (consolidated): Global Health, Global Mental Health/Global Neurology, Epilepsy, Epilepsy and Co-infections, Diseases of Poverty, Neglected Tropical Diseases (NTDs), One-Health, *Taenia solium* cysticercosis/taeniosis, Diagnostic Development for Diseases of Poverty. In all my research networks I practice a multidisciplinary approach and have a keen interest in policy translation.

New areas (last three years) of academic and research competencies based on my leadership positions in Norway and Germany (not consolidated yet but research groups established, funding generated and proposals submitted): Global digital health, global antimicrobial resistance from a One health perspective, sexual and reproductive health through activities at the Centre for Global Health in Oslo as well as the network of Women in Global Health. In all these Global Health areas I practice a health systems approach.

**Core competencies (organizational):** Establish, run and consolidate Centres for Global Health in different research/political environments; pull up networks and platforms and make them survive; create lasting funding mechanisms for Global Health Centres/Institutes; initiate and facilitate multidisciplinary Global Health research projects (outside my own research areas, see above and below); steer large multidisciplinary networks (see research networks below, The Lancet One Health commission, Women in Global Health Norway and Germany); translate Global Health research into policy (through briefs and advisory positions); inspire colleagues and students with regards to Global Health visions but at the same time create the notion of what is realistic

**Academic degrees:** Dr. med. (Munich), PhD (London), Dr. med. habil. (Munich)

**Medical education and research degrees:**

1987-1994 Medical school, Ludwig-Maximilians-University, Munich, Germany  
1989-1993 Thesis (**MD**) in **basic neurosciences**, Institute of Surgical Research, Ludwig-Maximilians-University, Munich, Germany (outcome: “**summa cum laude**”)  
1996-2000 **Ph.D in clinical neuroscience and medicine**, King's College Hospital, London, UK  
2007 “Facharzt” (**specialist neurologist**) exam  
2008-2012 **Habilitation** (German equivalent of “Ph.D”) in Global Neurology/Global Health, Department of Neurology, Ludwig-Maximilians-University, Munich, Germany  
Since 2013 **Lecturer of Global Neurology/Global Health**, Ludwig-Maximilians-University, Munich  
2011-2016 **Consultant Neurologist**, Department of Neurology, Technical University of Munich, Germany  
Since 2011 Head of the **Munich Global Neurology Group**, Department of Neurology, Technical University of Munich, Germany  
Since 2016 **Professor of Global Health and Director of the Centre for Global Health**, University of Oslo  
Since 2017 **Co-Director of the Center for Global Health**, Technical University of Munich, Germany

## Active Major Research projects

- German Ministry for Education and Research (BMBF) within Research Networks for Health Innovation in sub-Saharan Africa (CYSTINET-Africa) 2015, supporting work related to *T. solium* cysticercosis health networks in Tanzania, Zambia and Mozambique
- European Union (European & Developing Countries Clinical Trials Partnership (EDCTP)) and German Ministry for Education and Research (BMBF) within Diagnostic Tools for Poverty-Related Diseases (SOLID) 2016, supporting work related to the evaluation of *T. solium* cysticercosis diagnostic tools in Africa in Tanzania and Zambia
- German Ministry for Education and Research (BMBF) within Diagnostic Tools for Poverty-Related Diseases (SOLID) 2017, supporting work related to the development of *T. solium* cysticercosis diagnostic tools
- Norwegian Research Council (NRC) within Non-discriminating access to Digital Inclusion (DigI) 2017, supporting work related to access to digital health information by disadvantaged populations in rural Tanzania with an emphasis on HIV/AIDS, TB and *T. solium* (neuro)cysticercosis/taeniosis

## Other current advisor/director positions

- Chair of **The Lancet One Health commission** together with my partner from Ghana (Dr. John Amuasi)
- Director of the recently founded network **Women in Global Health Norway**
- Advisor to the recently founded network **Women in Global Health Germany**
- Advisor to the **German Ministry of Education and Research** for their Global Health Strategy
- Advisor to the **German Ministry of Health** for their establishment of a Global Health hub
- Member of the **Board of the Forum for Global Health**, Norway
- Consultant to the **WHO** for establishment of neurocysticercosis management guidelines
- External advisor to the **Centre for Global Health at University of Bergen**, Norway
- Neurology consultant to the large **EU network NIDIAG** (diagnostic development for infectious diseases in sub-Saharan Africa)
- Advisor to the network **Collaboration in Higher Education in Mental Health between Norway and Nepal**

**Short Narrative:** In January 2016, I accepted the position of Director of the Centre for Global Health at University of Oslo (UiO). In January 2011, I founded the Munich Global Neurology Group (MGNG; a virtual centre for Global Neurology/Global Health) at the Department of Neurology, Klinikum rechts der Isar, Technical University of Munich (TUM). Since 2017, I am also co-directing the Center for Global Health at TUM.

In the beginning of 2013 I successfully finished my “Habilitation” with the topic of „Global Neurology” and at the same time received the designation “lecturer” for Neurology. From 2011-2016 I was working as a consultant neurologist at TUM and altogether have a more than 20-year experience in clinical neurology. In addition to neurology I practiced in various medical specialities (internal medicine, psychiatry, pediatrics, obstetrics and gynecology, accident and emergency) abroad (UK, France, Brazil and Tanzania) over more than 10 years. I have also a three-year experience in tropical medicine.

My special interest lies with poverty-related diseases of the infectious (neglected tropical diseases) as well as non-infectious nature (e.g. epilepsy and diabetes), global mental health with an emphasis of global neurology, zoonotic diseases (especially those that affect the central nervous system e.g. neurocysticercosis) with the ensuing One-Health concept (for communicable AND non-communicable diseases), global digital health and of late global antimicrobial resistance from a One-Health perspective.

During the last years my teams and I were successful in gaining multinational large research grants (German Research Foundation, Norwegian Research Council, Bill and Melinda Gates Foundation, Germany Ministry of Education and Research) together with national and international colleagues for research and capacity building in sub-Saharan Africa. My academic network is internationally broad and includes organization like the WHO and the CDC in Atlanta, USA.

We have published our results widely, leading to around 150 science publications in the above indicated fields.

I have supervised/am still supervising more than 40 Masters and PhD students and 8 Post Docs in Germany, Norway and Africa and I teach students of all levels Neurology and Global Medicine/Global Health.

Over the last years, I have been offered various advisory/chair positions of networks/centres/institutions (see above).