

CV – Christoph Kraus, M.D., Ph.D.

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Research Psychiatrist – Neuroimaging LABs
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Guest Researcher (Special Volunteer)
National Institute of Mental Health
Experimental Therapeutics and Pathophysiology Branch
National Institute of Health
10 Center Dr., Bethesda, MD 20814, USA

Education:

- 3.02.2021 Venia docendi (Privat Dozent) at the Medical University of Vienna
- 25.6.2018 – 15.7.2019 Postdoctoral Research Fellowship at the National Institutes of Health (around EUR 71.000,- annually), Mentor: Prof. Carlos Zarate, Chief of the Section on the Neurobiology and Treatment of Mood Disorders and Chief of Experimental Therapeutics and Pathophysiology Branch (ETPB) at the NIMH
- 1.6.2018 – onwards Tenure track qualification for Assistant Professorship at the MUV
- 2013 – 2019 Training in Cognitive Behavioral Therapy
- 2012 – 2015 Ph.D. in Clinical Neurosciences. Title: Serotonin and Neuroplasticity – Investigated in vivo by Positron Emission Tomography and structural Magnetic Resonance Imaging. Supervisor: Prof. Rupert Lanzenberger
- 1.4.2017 – 31.9.2017 Training in Medicine including work in the ER – State Hospital Eisenstadt
- 1.10.2014 – 1.4.2015 Training in Neurology, Department of Neurology, MUV
- 1.3.2014 – 30.9.2014 Psychiatric Consultant Service at the Vienna General Hospital (AKH, ~1770 beds)
- 1.10.2012 – 1.10.2013 Clinical Training, with emphasis on treatment of forensic psychiatric patients in the federal prison “Justizanstalt Josefstadt”
- 2002 – 2009 Undergraduate and graduate school: Medical University of Vienna (MD)

Positions:

- 01.01.2023 Head of the Clinical Trials Unit at the Department of Psychiatry and Psychotherapy
- 25.6.2021 Assistant Professorship (Apl. Prof.) at the Medical University of Vienna
- 01.07.2021 Junior Group Leader: DBS, VNS and Advanced Treatments (A Branch of the Neuroimaging Lab)

Further Education and Courses:

- 2019 AFNI Bootcamp
- 2016 ECNP Brain Price Master Class (Prof. Trevor Robbins)
- 2015 ECNP Clinical Trials Workshop (Prof. Eduard Vieta)
- 2015 Targeted Network Meeting, ECNP, Amsterdam
- 2012 Statistical Parametric Mapping Course, Center for Experimental Medicine, Department of System Neuroscience UKE Eppendorf, Hamburg.
- 2012 ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe
- 2009 Psychotherapeutic propaedeutics – H.O.P.P. Vienna
- Practical knowledge of R, SPSS, Linux, AFNI, SPM, PMOD, Matlab.

Scientific Collaborations:

- 2009 – present staff member in the „NEUROIMAGING LABS (NIL)“, Department of Psychiatry and Psychotherapy, MUW. Collaboration and coinvestigator in clinical projects focused on neuroimaging.
- 2009 – 2011 Coinvestigator: Networks of Anxiety: Connectivity Analysis in Social Phobia using Functional Magnetic Resonance Imaging, OeNB procet number 12982, EK

619/2007, Principal Investigator: Assoc.-Prof. Priv.-Doz. Dipl.-Ing. Dr. Christian Windischberger, MUW Austria.

- 2009 – 2011 Coinvestigator: The influence of hormone replacement therapy on the cerebral serotonin-1A receptor distribution and mood in postmenopausal women. A longitudinal study using Positron Emission Tomography (PET) and the radioligand [carbonyl-¹¹C]WAY-100635. Principal Investigator: O. Univ. Prof. Dr. h.c. mult Dr. med. S. Kasper, MUW Austria.
- 2010 – 2011 Coinvestigator: Effects of electroconvulsive therapy on serotonin-1A receptor binding in major depression. A longitudinal study using Positron Emission Tomography (PET) and the radioligand [carbonyl-¹¹C]WAY-100635. Principal Investigator: Ao. Univ. Prof. Dr. Richard Frey, MUW Austria.
- 2012 – 2016 Coinvestigator: Multimodal Assessment of Neurobiological Markers for Psychiatric Disorders (MAN-BIOPSY). Research cluster “Multimodal Neuroimaging in clinical neurosciences (MMI-CNS), Medical University Vienna, University of Vienna. Principal Investigators: Assoc.-Prof. Priv.-Doz. Dr. Rupert Lanzenberger, Univ. Prof. Mag. Dr. Claus Lamm, PhD
- 2016 – 2017 Principal Investigator: Brain glucose metabolism in healthy subjects and depressive patients during transcranial direct current stimulation
- 2018 – 2020 Subinvestigator: Investigation of the Rapid (Next Day) Antidepressant Effects of an NMDA Antagonist, PI: Dr. Carlos Zarate
- 2020 – present Principal Investigator: Glucose Consumption During Deep Brain Stimulation with Functional [¹⁸F]FDG-Brain-PET in Obsessive-Compulsive Disorder
- 2022–present Principal Investigator: Ketamine therapy in obsessive-compulsive disorder and its effects on neuropsychological function under stress in a cross-over trial
- 2022–present Effects of psychedelic drug use on neurocognitive function: An international online study

Grants

- 2020-2023 NARSAD Young Investigator Grant: Glucose Consumption During Deep Brain Stimulation with Functional [¹⁸F]FDG-Brain-PET in Obsessive Compulsive Disorder. (EUR 62.765)

University Teaching:

- Thesis Supervision Four completed undergraduate thesis supervisions, six pending. One PhD thesis pending
- 2014 – 2018 Nurse training in clinical psychiatry at the School of Nursing of the Vienna Hospital Association
- 2013 – present Lecturer in clinical psychiatry and psychopharmacology at the Medical University of Vienna (~90 lectures).

Other University Activities:

- 2012 – 2017 Representative of resident psychiatrists at the Department of Psychiatry and Psychotherapy
- 2016 - 2017 Teaching Coordinator at the Department of Psychiatry and Psychiatry, Medical University of Vienna

Memberships in Professional Societies:

European College of Neuropsychopharmacology (ECNP), The International College of Neuropsychopharmacology (CINP), Austrian Psychiatric and Psychotherapeutic Association (ÖGPP), Austrian Pharmacological Society (APHAR), Austrian Society for fMRI & Organization for Human Brain Mapping, Alpine Chapter, Austrian Medical Chamber

Reviewer for Manuscripts:

Ad hoc reviewer for Biological Psychiatry, Molecular Psychiatry, Journal of Psychiatry and Neuroscience, British Journal of Psychiatry, Psychological Medicine, Cerebral Cortex, Neuropsychopharmacology, Pharmaceuticals, World Journal of Biological Psychiatry, NeuroImage, Human Brain Mapping, International Journal of Neuropsychopharmacology, Journal of Affective Disorders, Psychiatry Research, Neuroscience and Biobehavioral Reviews, Molecular Neurobiology, Social Psychiatry and Psychiatric Epidemiology, Child Abuse and Neglect and many others

Editorial Work:


Journal of Chronic Stress – Editor including deputy chief editorial work
BMC Psychiatry – Associate Editor, Mood Disorders
Guest Editorial: Frontiers in Neuroscience

Prizes

2021	American Society of Clinical Psychopharmacology – New Investigator Award
2020	SOBP International Travel Fellowship Award
2016	Rudolf Höfer Price for nuclear medicine
2015	ECNP Travel Award
2015	WFSBP Educational Grant
2014	Rafaelsen Young Investigator's award by the International College of Neuropsychopharmacology (CINP), Stipendiate for international Mobility by the Österreichische Forschungsgesellschaft (ÖFG)
2012	Best Poster Award, 8 th PhD Symposium MUW, Stipendiate for international Mobility by the Österreichische Forschungsgesellschaft (ÖFG)
2012	BSM – ÖGN – Mallinckrodt Förderungspreis for nuclear medicine
2011	Best Poster Award, 7 th PhD Symposium MUW

Chairs at International Meetings:

Co-Chair, Serotonin and Neuroplasticity at the WFSBP Conference 2015
Young Programme Sub-committee for the CINP Seoul Congress 2016
Brainstorming Session, ECNP-Congress Vienna 2016
Translating ketamine's rapid neuroplastic effects from animals to humans, Symposium Chair and Talk, SOBP 2021 San Diego
Symposium ECNP 2021 Lisbon


Ap. Prof. PD Dr. Christoph Kraus
Oberarzt - Group leader
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07-03-2023