

# CURRICULUM VITAE

## Prof. Rupert Lanzenberger, MD PD

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### Main Position

2012, July  
2005 – present  
**Associate Professor of Neurosciences, MedUni Wien, Austria**  
**Head, Neuroimaging Labs (NIL) – PET & MRI & EEG & Chemical Lab,**  
Department of Psychiatry & Psychotherapy. Focus on translational, molecular & multimodal neuroimaging including Positron Emission Tomography (PET & MicroPET), Magnetic Resonance Imaging (fMRI, DWI) <http://www.meduniwien.ac.at/neuroimaging/>

### Current Positions

2015 – present  
**Co-Speaker, Interdisciplinary Translational Brain Research Cluster with Highfield MR, Infrastructure, Federal Ministry of Science, Research & Economy (BMWF) Austria**  
2015 – present  
**Head, EEG Lab, Department of Psychiatry & Psychotherapy, MedUni.**  
2014 – present  
**Speaker, IG Neuroimaging, Medical Neurosciences Cluster (MNC), MedUni**  
2013 – present  
**Head, Chemical Lab, Department of Psychiatry & Psychotherapy, MedUni.**  
2013 – present  
**Speaker, Quantitative Clinical Imaging (QCI) Node, Medical Imaging Cluster (MIC)**  
2011 – present  
**Executive Board Member, Preclinical Research Laboratories, Dept. Biomed. Imaging & Image-guided Therapy, MedUni Vienna.**  
2011 – present  
**Co-Speaker, Research Cluster between Medical University & University of Vienna (Multimodal Neuroimaging in Clinical Neurosciences – Assessment of neurobiological markers for psychiatric disorders).**  
2008 – present  
**Co-Coordinator PhD program CLINICAL NEUROSCIENCES (CLINS), Doctoral Program of Applied Medical Sciences (N790), Medical University**

### Previous Positions

2010 – 2012  
appointed as **Assistant Professor, MedUni Wien, Austria**  
2005 – present  
**Head, Functional, Molecular & Translational Neuroimaging – PET & MRI**  
2004 – 2005  
**Postdoctoral Research Fellow** in the Neuroimaging Group at the Department of General Psychiatry, MUW. Development of clinical applications using fMRI, PET/SPECT combining neuroreceptor imaging & measurement of BOLD response. Establishing of quantitative neuroreceptor imaging in Vienna using PET.  
1999 – 2003  
**Postdoctoral Research Fellow** at the Ludwig Boltzmann Institute for Functional Brain Topography, Department of Neurology, General Hospital and University of Vienna. Comparative Neuroimaging using fMRI, Magnetoencephalography (MEG), EEG & ICS.

### Education and Training

201110 – 201203  
Visiting Academic, Queensland Brain Institute (QBI), Brisbane, Australia  
2010, Jan 25  
**Habilitation “NEUROSCIENCES” (Privatdozent)** with “Molecular and Functional Neuroimaging of the Serotonergic System using PET and fMRI”  
2005 – 2015  
**Doctoral Program (Dr.rer.nat.), Faculty Psychology, University of Vienna (not finished)**  
1985 – 2001  
Master Program in Human Biology, University of Vienna (not finished)  
1983 – 1998  
**M.D. degree 14<sup>th</sup> May 1998, Medical School at the University of Vienna**  
1975 – 1983  
Gymnasium Stift Melk, Austria (Matura: May 26, 1983)

### Honours and Awards

2015  
**Research Award in Biological Psychiatry** of the World Federation of Societies of Biological Psychiatry (WFSBP), <http://www.wfsbp-congress.org/>  
2014  
**BSM-OGN-MALLINCKRODT Award for Nuclear Medicine** (<http://www.ogn.at/>), Austrian Society of Nuclear Medicine & Molecular Imaging (OGN).  
2009  
**NARSAD Young Investigator Award, USA National Alliance for Research on Schizophrenia and Depression.**  
2006  
**Research Award in Clinical Psychiatry, Austrian Society of Neuropsychopharmacology & BP.**  
2001  
**Theodor Körner Award, Austrian Award for Promotion of Science and Art.**

## Membership in Scientific Advisory Committees (11, selection of 9)

1. European Research Council (ERC), Grant panel, Brussels, Belgium, <https://erc.europa.eu/>
2. Medical Research Council, MRC PET neuroscience specialist postdoc training programme Panel, London, UK
3. EU IMI call 2011, I.Medicines Initiative European Community & European Fed. Pharmaceutical Industries (EFPIA)
4. International Symposium on Functional Neuroreceptor Mapping of the Living Brain (NRM2010), Glasgow, UK.
5. Chair, Task Force on NeuroImaging, World Federation of Societies of Biological Psychiatry (WFSBP).
6. International Scientific Programme Committee (ISPC) for the WFBSP Congress 2015 in Athens.
7. CINP International Scientific Programme Committee (ISPC) Meeting, 20<sup>th</sup> April 2015, Tokyo, Japan
8. CINP Programme Committee (ISPC), Congress, 3<sup>rd</sup>–7<sup>th</sup> July 2016 in Seoul, Republic of Korea.
9. 5<sup>th</sup> Biennial Conference on Resting State Brain Connectivity (RSBC, Local committee, 2016), Vienna, Austria

## Membership in Editorial Boards (11, selection of 5, PUBMED listed)

1. **NeuroImage** (2015 IF 5.463), Academic Press Inc. ELSEVIER SCIENCE, since 201207  
Top ranked journal (1/14 in the ISI category *NEUROIMAGING*)
2. **The International Journal of Neuropsychopharmacology** (2015 IF 4.333), Cambridge University Press, the official journal of Collegium Internationale Neuro-Psychopharmacologicum (CINP), since 201002  
Guest **Field-Editor** for IntJNP, since 201010
3. **European Neuropsychopharmacology** (2015 IF 4.409), the official scientific journal of the European College of Neuropsychopharmacology (ECNP), since 2009.
4. **World Journal of Biological Psychiatry** (2015 IF 4.159), since 200906
5. **Psychiatry Journal** (2014 IF unlisted), since 201206, <http://www.hindawi.com/journals/psyj/editors/>

## Membership in International Societies (16, selection of 5)

CINP (Collegium Internationale Neuro-Psychopharmacologicum) <a href="http://www.cinp.org">www.cinp.org</a>	2010 – present
ECNP (European College of Neuropsychopharmacology) <a href="http://www.ecnp.eu/">http://www.ecnp.eu/</a>	2008 – present
WFSBP (World Federation of Societies of Biological Psychiatry) Chair of the Task Force on NeuroImaging of the WFSBP <a href="http://www.wfsbp.org/educational-activities/wfsbp-task-forces.html">http://www.wfsbp.org/educational-activities/wfsbp-task-forces.html</a>	2006 – present
OHBM (Organization for Human Brain Mapping) <a href="http://www.humanbrainmapping.org/">http://www.humanbrainmapping.org/</a>	1999 – present
ISMRM (International Society for Magnetic Resonance in Medicine) <a href="http://www.ismrm.org/">http://www.ismrm.org/</a>	2001 – 2002

## Reviewer for Research Organisations and Funding (18, selection of 5)

1. Danish Agency for Science, Technology & Innovation, Copenhagen, **Denmark**, since 201307
2. Deutsche Forschungsgemeinschaft, **Germany**; <http://www.dfg.de>, since 2008
3. Health Research Board (HRB), lead agency in **Ireland** supporting research, [www.hrb.ie](http://www.hrb.ie), since 201011
4. Israel Science Foundation, <http://www.isf.org.il/english/>, **Israel**, since 201502
5. Medical Research Council (MRC), <http://www.mrc.ac.uk/>, Panel member, London, **UK**, since 201011

## External Referee / Invited Reviewer for Manuscripts (50, selection of 5)

1. American Journal of Psychiatry (2015 IF 13.505), since 2009
2. Biological Psychiatry (2015 IF 11.212), since 2007
3. Cerebral Cortex (2015 IF 8.285), since 2011
4. Journal of Cerebral Blood Flow & Metabolism (2015 IF 4.929), since 2010
5. Molecular Psychiatry (2015 IF 13.314), since 2011

## International Cooperations (10, selection of 3)

1. **National Institutes of Health** (Prof. Volkow), National Institute on Drug Abuse (NIDA), Bethesda, USA.
2. The **Netherlands Institute for Neuroscience** (Prof. Swaab), Amsterdam, The Netherlands.
3. **Uppsala University**, Dept. of Neuroscience, Unit of Pharmacology (Prof. Sundström). Uppsala, Sweden.

## PROJECT FUNDING: > 11.31 M€

**Funding by the government:** 1 project, € 3,500,000.00 funding (project costs € 10,708,987.00)

Interdisciplinary translational brain research cluster with highfield MR (ITHC), 2014–2018

Co-Applicant, Infrastructure grant (H, Federal Ministry of Science, Research and Economy (BMWF), Austria)

**Peer-reviewed Grant Support:** 36 projects, € 6,379,185

**Principal Investigator in 11** (5 FWF, 2 OeNB, 1 NARSAD, 1 BMF, 1 RC) **and Co-investigator in 25 projects.**

Selection of 6:

1. **Enhancement of learning associated neural plasticity by Selective Serotonin Reuptake Inhibitors.**  
PI, Funding: FWF Austrian Science Fund KLI 504, 2016 – 2019
2. **Effects of sex steroid hormones on serotonin synthesis and degradation measured with PET.**  
PI, Funding: FWF Austrian Science Fund KLI 516, 2016 – 2019
3. **Effects of Electroconvulsive Therapy on Monoamine Oxidase A distribution volume in treatment-resistant depression investigated with PET.**  
PI, Funding: FWF Austrian Science Fund P 27141, 2014 – 2017
4. **Norepinephrine Transporter in Attention Deficit Hyperactivity Disorder investigated with PET.**  
PI, Funding: FWF Austrian Science Fund P 22981, 2011 – 2014
5. **Effects of sex steroid hormones on human brain function, structure and connectivity: A longitudinal study using 7 Tesla Ultrahigh-field Magnetic Resonance Imaging.**  
PI, Funding: FWF Austrian Science Fund P 23021, 2010 – 2014
6. **Effects of electroconvulsive therapy on serotonin-1A receptor binding in major depression investigated by positron emission tomography (PET).**  
PI, Funding: USA National Alliance for Research on Schizophrenia & Depression (NARSAD), 2010-13

## Invited Talks and Lectures (selection of 9)

R. Lanzenberger is frequently invited throughout Europe and abroad to lecture on a wide range of topics. To date, he has delivered more than 100 lectures at national or international meetings in more than 18 countries, for details see: <http://www.meduniwien.ac.at/neuroimaging/talks.html>

- 2011 **What can we learn from PET and fMRI in Clinical Neuropharmacology** (<http://www.cai.uq.edu.au>)  
*Centre Advanced Imaging (CAI) Queensland Brain Institute, University Queensland, Brisbane, Australia*
- 2012 **PET in imaging genetics.** Video: [http://www.imaginggenetics.uci.edu/archive\\_2012.asp](http://www.imaginggenetics.uci.edu/archive_2012.asp)  
*8<sup>th</sup> Annual International Imaging Genetics Conference, University of California, The Beckman Center of the National Academy of Sciences in Irvine, 16-17 Jan. 2012, California, USA*
- 2012 **Molecular and functional neuroimaging in psychiatric neuroscience using PET and fMRI.**  
*The Svedberg Lecture Series (see: <http://www.bmc.uu.se/en/node263>), Uppsala Biomedical Centre – BMC, Uppsala University, Sweden*
- 2012 **Molecular and functional neuroimaging in clinical neurosciences.**  
*Dongzhimen Hospital affiliated to Beijing University of Chinese Medicine, 16.06.2012, Beijing, China.*
- 2013 **WFSBP Debate on "Neuroimaging – Neuroimaging studies have major role in clinical psychiatry today"**  
(chair Steven Potkin, USA; Proponent Speaker: Eva Meisenzahl / Peter Falkai, Germany; Opponent Speaker: Rupert Lanzenberger, Austria), *11<sup>th</sup> WFSBP World Congress 2013, June 23-27, Kyoto, Japan*
- 2014 **Bright future of PET and fMRI?** Educational Workshop "The Impact of Neuroimaging on Understanding Psychiatric Disorders" (together with David Nutt). *Collegium Internationale of Neuropsychopharmacologicum (CINP), 29<sup>th</sup> CINP World Congress, June 22 – 26, 2014, Vancouver, Canada.*
- 2015 **PET imaging of the noradrenergic system in ADHD and Parkinson disease.** Symposium "Convergent approaches to impulsivity: The role of noradrenaline in ADHD and Parkinson's disease"  
*12<sup>th</sup> World Congress of Biological Psychiatry, 14 - 18 June 2015, Athens, Greece.*
- 2015 **Molecular brain imaging of the serotonin system.** *Center for Integrated Molecular Brain Imaging (Cimbi) at the Royal Danish Academy of Sciences & Letters, Sept 2-4, 2015, Copenhagen, Denmark*
- 2016 **PET/MR in neuropsychopharmacology.** Dialogue Board 1: Brain Receptor Imaging. *5<sup>th</sup> Tübingen PET/MR Workshop, Feb 15-19, 2016, Tübingen, Germany*

## PUBLICATIONS in peer-reviewed journals

**Total: 146 Articles, cIF 608.42** (123 Original Articles, 23 Reviews/Comments); **3 Book Chapters**

**Total Number of Citations: 4116 / 2944** (Google Scholar / Scopus), **h-index: 33 / 30, i10-index: 81**