

CURRICULUM VITAE*Prof. Edna Grünblatt, Medical Science**Translational Molecular Psychiatry, PUK, UZH**Wagistrasse 12, CH-8952 Schlieren, Switzerland**Phone: +41(0)43 556 4039; E-mail: edna.gruenblatt@kjp.d.uzh.ch**Researcher ORCID ID: 0000-0001-8505-7265; ResearcherID: A-6762-2016***1. CURRENT POSITION**

Since 04.2009 **Head of [Translational Molecular Psychiatry](#)** at the Department of Child and Adolescent Psychiatry & Psychotherapy (Director Prof. Susanne Walitza), Psychiatric University Hospital Zurich (PUK), University of Zurich (UZH).

2. EDUCATION

06.10.2015 **Professor Title (Titularprofessorin)** at the Faculty of Medicine, University of Zurich, Switzerland.
 04.09.2012 **Habilitation (Privatdozentin; venia legendi)**, Child and Adolescent Psychiatry, Faculty of Medicine, University of Zurich, Switzerland.
 28.04.2008 **Habilitation (Privatdozentin; venia legendi)**, Clinical Neurochemistry, Faculty of Medicine, University of Würzburg, Germany.
 1998-2000 **Doctorate**, Department of Pharmacology, Faculty of Medicine, Technion- Israel Institute of Technology, Haifa, Israel. Completion: Doctor of Philosophy (Ph. D.) in Medical Science
 1996-1998 **Master**, Department of Pharmacology, Faculty of Medicine, Technion- Israel Institute of Technology, Haifa, Israel. Completion: Master of Science in Medical Science
 1994-1997 **Bachelor**, Faculty of Biology, Technion- Israel Institute of Technology, Haifa, Israel. Completion: Bachelor of Art in Biology
 1992-1996 **Bachelor**, Faculty for Chemical Engineering, Technion- Israel Institute of Technology, Haifa, Israel. Completion: Bachelor of Science Chemical Engineer

3. PROFESSIONAL AND ACADEMIC EXPERIENCES

10.2000-04.2009 **Post-Doc, Research Fellow and Assistant Professor** in the Clinical Neurochemistry Laboratory and the NPF excellence centre, Clinic for Psychiatry, Psychosomatic and Psychotherapy, University of Würzburg, Germany.
 7.1997-10.1997 **Summer traineeship** in Novartis AG, Basel, Switzerland, at the Neuroscience laboratories in molecular biology of neurodegenerative diseases.
 7.1995-10.1995 **Summer traineeship** in the Fraunhofer Institute - Chemische Technologie - ICT / Germany. Detection of various materials in a new method of U.I.R.
 7.1994-10.1994 **Summer traineeship** in laboratories of Frutarom Ltd. Akko / Israel, Petrochemical. Inorganic laboratory: quality control and environmental control.

4. RESEARCH PROJECTS AS LEADING INVESTIGATOR (SELECTION)

2021-today [Waterloo Foundation](#): E. Grünblatt PI- The potential effects of omega-3 fatty acids with and without methylphenidate in ADHD patient's neural stem cells- Wnt-activation?
 2019-today Chair of the [ECNP Thematic Working Group on "iPSCs platform for studies of neuropsychopharmacology and neuropsychiatric disorders"](#)
 2018-today [AMG-Stiftung](#): E. Grünblatt co-PI (Prof. Markus Landolt): Epigenetic alterations in stress regulation genes among newborns after fetal surgery for myelomeningocele repair: An exploratory study
 2017-today [PUK Forschungsfonds](#) Nr. 8702 Fonds für wissenschaftliche Zwecke im Interesse der Heilung von psychischen Krankheiten- E. Grünblatt PI- Does ADHD brain development and maturation involve Wnt-signalling alterations?
 2013-2015 Verein zur Durchführung Neurowissenschaftlicher Tagungen e.V.- E. Grünblatt PI- Influence of methylphenidate on the intercellular and synaptic localization of the dopamine and noradrenergic transporter
 2011-2013 Vifor SA- E. Grünblatt PI- Effect of Equazen in combination with iron, zinc and vitamin B5 on neuronal cell line model for Attention-deficit hyperactivity disorder
 2004-2011 Deutsche Forschungsgemeinschaft (DFG)- Lead of WG4 [Molekulare Pathogenese und Endophänotypen im Therapieverlauf in KFO125](#)

5. SUPERVISION OF JUNIOR RESEARCHERS (MOST RECENT)

Master (n=19) Rokyta J. (2016) MSc, Biology, ETHZ; Ruesch M (2017) MSc, Biomedical Engineering, Uni Bern; Re S (2017) MSc, NMF, UZH; Ruder J (2017) MSc, MeF, UZH; Dr. med. Kormos E (2018) MSc, NMF, UZH; Mehta S (2018) MSc, MNF, UZH; Maggi K (2018) MSc, NMF, UZH; Grossmann L (2020) MSc, MNF, UZH; Pfister J (since 2020) MSc, MNF, UZH; Candan A (Since 2021) MSc., MeF, UZH; Vahdani N (since 2021) MSc, Biotech. Uni. Tehran; Bender A (Since 2021) MSc, Life Sc. Eng., EPFL; Salazar Campos JM (since 2021), Msc. Science, Uni Autonoma de Madrid;
 Medicine Diss. (n=6) Iuhos DI (2013), Dr. med., MeF, University of Würzburg, DE; Fischer M(2014), Dr. med., MeF, University of Würzburg, DE

PhD (n=4)	Bartl J (2012), Dr. rer nat, Biology Faculty, University of Würzburg, DE; Jagannath V (2017), PhD, ESKAS scholarship, MNF, UZH; Yde Ohki CM (since 2020), PhD, MNF, UZH; Walter NM (since 2021), PhD, MNF, UZH;
Post-Doc (n=5)	Dr. Marinova Z (2010-2015); Dr. rer. nat. Bartl J (2012-2015); Dr. med. Werling AM (Since 2013); Dr. Smigielski L (2018-2021); Dr. Joyce C (2018-2019).

6. TEACHING ACTIVITIES (CURRENT)

UZH	EEG-Feld und Hirnfunktionen (NEUOM040); iPSC Seminar (IRM20001); Molecular and Neurobiochemical translational research in neurodevelopmental (PSY17M02); Mantelstudium: Psychiatrie 1- Biowissenschaftliche Methoden zur Erforschung psychischer Krankheitsbilder (81MAS304); Cellular Modelling of Neuropsychiatry (BME364)
ETHZ	Translational Neuroscience (376-1307-00L)
Uni Würzburg	Biomarker in der Psychiatrie (03271000); Fortgeschrittenenpraktikum in Neurobiologie (06070460)

7. MEMBERSHIPS IN PANELS, BOARDS etc. (SELECTION)

2021-today	UZH, Faculty of Medicine, Clinical neuroscience and psychiatry Committee member
2019-today	Chair of the ECNP Thematic Working Group “iPSCs platform for studies of neuropsychopharmacology and neuropsychiatric disorders”
2013-today	Neuroscience centre Zürich (ZNZ) Equity and Inclusion Committee
2017-today	Internet & Me , COST-PUI MC member & WP lead

8. ACTIVE MEMBERSHIPS IN SCIENTIFIC SOCIETIES (MOST RELEVANT)

2018-today	International Society for Stem Cell Research (ISSCR)
2016-today	Swiss stem cell network (SSCN)
2013-today	Swiss Biosafety Network (SBNet)
2013-today	World Federation of ADHD
2013-today	Swiss Society of Biological Psychiatry (SSBP)
2012-today	The Zurich Centre for Integrative Human Physiology (ZIHP)
2012-today	Neuroscience centre Zürich (ZNZ)
2012-today	European College of Neuropsychopharmacology (ECNP)
2011-today	Swiss Society of Neuroscience (SSN)
2000-today	Federation of European Neuroscience Society (FENS)

9. ORGANIZATION OF CONFERENCES (SELECTION)

2014, 2015, 2018	GRC Funds UZH- E. Grünblatt PI- ZNZ Retreat on scientific career planning;
2017, 2018, 2019	Tag der Forschung / 4. - 6. Burghölzli Psychiatrie Meeting
14-16.01.2019	International Training School and Conference on Problematic Usage of the Internet (PUI), Cambridge, UK.
08.04.2020	Safe and Effective Internet Use in the time of the Covid-19 pandemic: Guidance from COST Action 16207 European Network for Problematic Usage of the internet. Webinar COST Academy online learning.
14-15.09.2021	Joint MINDDDS-ECNP workshop “Patient iPSC studies: Translatability for Mental Health“.

10. PRIZES, AWARDS FELLOWSHIPS (MOST RECENT)

10.2018	Herman Westenberg Prize 2018, ICOCs meeting, Shared prize with Walitza S, Zellmann H, Ball J, Brezinka V, Tagwerker F, Mailender V, Ruetter C, Wewetzer Ch “Relation between duration of untreated illness and the outcome of early onset OCD”
09.2013	Hanse-Preis für Psychiatrie 2013: Outstanding achievements in the field of Molecular Psychiatry and her contribution “ADHD medication and its effects on the brain”.

11. OUTREACH (e.g., technology and knowledge transfer activities)

03.05.2012	WO 2012/056451 A2 Inventors. (6 Inventors)	Peripheral blood gene markers for early diagnosis of Parkinson’s disease.
16.06.2009	WO 2009/074331 A3	Early and differential diagnosis test for Alzheimer’s disease (2 Inventors)

12. CAREER BREAKS

1990-1992	2 years of military service at the Israeli Defence Force- Air Force.
02.2002	4 months of maternity leave and later 1 year of part time work.
12.2004	4 months of maternity leave and later ½ year of part time work.
2009	A scientific break of 1 year due to taking over the task of building and establishing the new Molecular and Neurobiochemistry laboratory (now Translational Molecular Psychiatry) for the KJPP / PUK, UZH.