

Prof. Dr. VALERY GRINEVICH

Date of birth: 16 June, 1969
Gender: Male
Address: Department of Neuropeptide
research in Psychiatry
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Heidelberg University
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Position: Head of Department, Department for
Neuropeptide Research in Psychiatry
Children: One (* 2008)



CURRICULUM VITAE

University education

1986 - 1992 MD, Kursk State Medical University, Kursk, USSR/Russia

Scientific degrees

2015 Habilitation (Venia Legendi), Privat Dozent, Faculty of Biosciences, University of Heidelberg, Heidelberg, Germany
2003 Habilitation (Doctor of Medical Sciences) in Histology and Cell Biology, Moscow State Medical University, Moscow, Russia
1999 - 2003 Doctor of Sciences (Habilitation), Russian State Medical University, Moscow, Russia
1996 Doctoral dissertation, PhD (Candidate of Medical Sciences) subject: "Morpho-functional study of accessory magnocellular nuclei in the hypothalamus of rat and human". Supervisor: Prof. Dr. Andrey Polenov, Laboratory of Neuroendocrinology, I.M. Sechenov Institute of Evolutionary Physiology and Biochemistry, Russian Academy of Sciences, Saint-Petersburg, Russia
1992 - 1996 Doctor of Philosophy, I.M. Sechenov Institute of Evolutionary Biochemistry and Physiology, Russian Academy of Sciences, Saint-Petersburg, Russia
1986 - 1992 MD, Kursk State Medical University, Kursk, Russia

Professional experience

May 2018 Promotion as Full University Professor (W3) and the Head of Department of Neuropeptides at the Central Institute of Mental Health by the Senate of Heidelberg University.
Since 2012 Group Leader, Schaller Research Group on Neuropeptides, German Cancer Research Center and University of Heidelberg, Germany
2008 - 2012 Group Leader, Department of Molecular Neurobiology, Max Planck Institute for Medical Research, Heidelberg, Germany

2007 - 2008	Postdoctoral fellow with Prof. Pavel Osten, Department of Physiology, Feinberg School of Medicine, Northwestern University, Chicago, IL, USA
2003 - 2007	Postdoctoral fellow with Prof. Dr. Peter H. Seeburg, Department of Molecular Neurobiology, Max Planck Institute for Medical Research, Heidelberg, Germany
2002 - 2003	Professor, Department of Histology and Embryology, Pediatric Faculty, Russian State Medical University, Moscow, Russia
2000 - 2002	Alexander von Humboldt Research Fellow with Prof. Dr. Gustav F. Jirikowski, Department of Anatomy II, Friedrich Schiller University, Jena, Germany
1999 - 2000	Visiting fellow with Dr. Greti Aguilera, Section on Endocrine Physiology, NICHD, NIH, Bethesda, MD, USA
1997 - 1998	Researcher, National Endocrinology Center, Russian Academy of Medical Sciences, Moscow, Russia
1995	Predoxal training with Prof. Georges Pelletier, Molecular Endocrinology, Laval University, Quebec, Quebec, Canada

Academic functions and awards:

Panels and coordinating functions:

2018 - present	Member of the Advisory Panel of the International Regulatory Peptides Society
2015 - present	Principal Applicant/Coordinator in the Human Frontier Science Program grant "Deciphering oxytocin circuits controlling social behavior", RGP0019/2015 (2015-2018).

Awards and honours:

2015	Human Frontiers Research Award
2013	Royal Society Award Edinburgh, UK
2012	Chica and Heinz Schaller Research Research Group Leader, Germany
2000	Alexander von Humboldt Research Fellowship, Germany
1999	International Research Fellowship, NIH, USA
1998	European Academy (<i>Academia Europea</i>) Award for Young Researchers, Prize in Medicine
1995	Russian President's Stipend Award for research training abroad

Editorial boards:

Since 2018	Frontiers in Molecular Neuroscience (Review Editor)
2018	Guest Editor (with Dr. Gustav Jirikowski) of Special issue "Neuropeptidergic signaling in the CNS", dedicated to the memory of Prof. Dr. Peter H. Seeburg, in Cell and Tissue Research
2018	Co-editor (with Dr. Rene Hurlmann) of volume "Behavioral Pharmacology of Neuropeptides: Oxytocin", Springer book series Current Topics in Behavioral Neurosciences (CTBN), Springer-Nature
Since 2015	Cellular and Molecular Neurobiology
2015	Co-editor (with Drs. Gonzalo-Alvarez-Bolado and Luis Puelles) of the Research Topic of Frontiers in Neuroanatomy: "Development of the hypothalamus".
Since 2014	Frontiers in Behavioral Neuroscience

Since 2014 Frontiers in Neuroanatomy
Since 2013 Physiological Reports

A) Publications:

- Grinevich V*, Stoop R. Interplay between oxytocin and sensory systems in the orchestration of socio-emotional behaviour. **Neuron** 2018; 99(5): 887-904.
- Menon R, Grund T, Zoicas I, Althammer F, Fiedler D, Biermeier V, Bosch OJ, Hiraoka Y, Nishimori K, Eliava M, Grinevich V*, Neumann ID. Oxytocin signaling in the lateral leptomeninges prevents social fear during lactation. **Current Biology** 2018;28(7):1066-1078.e1066.
- Hansson AC, Koopmann A, Uhrig S, Buhler S, Domi E, Kiessling E, Ciccocioppo R, Froemke RC, Grinevich V, Kiefer F, Sommer WH, Vollstadt-Klein S, Spanagel R. Oxytocin reduces alcohol cue-reactivity in alcohol-dependent rats and humans. **Neuropsychopharmacology** 2018;43(6):1235-1246.
- Grund T, Goyon S, Li Y, Eliava M, Liu H, Charlet A, Grinevich V*, Neumann ID. Neuropeptide S activates paraventricular oxytocin neurons to induce anxiolysis. **The Journal of Neuroscience** 2017;37(50):12214-12225.
- Franklin TB, Silva BA, Perova Z, Marrone L, Masferrer ME, Zhan Y, Kaplan A, Greetham L, Verrechia V, Halman A, Pagella S, Vyssotski AL, Illarionova A, Grinevich V, Branco T, Gross CT. Prefrontal cortical control of a brainstem social behavior circuit. **Nature Neuroscience** 2017;20(2):260-270.
- Chini B, Verhage M, Grinevich V*. The action radius of oxytocin release in the mammalian CNS: From single vesicles to behavior. **Trends in Pharmacological Sciences** 2017;38(11):982-991.
- Charlet A, Grinevich V*. Oxytocin mobilizes midbrain dopamine toward sociality. **Neuron** 2017;95(2):235-237.
- Oettl LL, Ravi N, Schneider M, Scheller MF, Schneider P, Mitre M, da Silva Gouveia M, Froemke RC, Chao MV, Young WS, Meyer-Lindenberg A, Grinevich V, Shusterman R, Kelsch W. Oxytocin enhances social recognition by modulating cortical control of early olfactory processing. **Neuron** 2016;90(3):609-621.
- Eliava M, Melchior M, Knobloch-Bollmann HS, Wahis J, da Silva Gouveia M, Tang Y, Ciobanu AC, Triana Del Rio R, Roth LC, Althammer F, Chavant V, Goumon Y, Gruber T, Petit-Demouliere N, Busnelli M, Chini B, Tan LL, Mitre M, Froemke RC, Chao MV, Giese G, Sprengel R, Kuner R, Poisbeau P, Seeburg PH, Stoop R, Charlet A, Grinevich V*. A new population of parvocellular oxytocin neurons controlling magnocellular neuron activity and inflammatory pain processing. **Neuron** 2016;89(6):1291-1304.
- Knobloch HS, Charlet A, Hoffmann LC, Eliava M, Khrulev S, Cetin AH, Osten P, Schwarz MK, Seeburg PH, Stoop R, Grinevich V*. Evoked axonal oxytocin release in the central amygdala attenuates fear response. **Neuron** 2012;73(3):553-566.

* Corresponding author

B) Patents: -

Scientific collaborations beyond the planned Collaborative Research Centre

Jan Deussing and Alon Chen, Munich, Germany

Rene Hurlemann, Bonn, Germany

Inga Neumann Regensburg, Germany

Joseph Buxbaum, New York, USA

Alexandre Charlet, Strasbourg, France

Gareth Leng and Mike Ludwig, Edinburgh, UK

Gil Levkowitz, Rehovot, Israel

Shlomo Wagner, Haifa, Israel

Ron Stoop, Lausanne, Switzerland

Larry Young, Atlanta, USA

