

Prof. Dr. VALERY GRINEVICH**1) General information**

Date of birth: 16 June, 1969
 Gender: Male
 Address: Heidelberg University
 Department of Neuropeptide Research in
 Psychiatry
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 Email: valery.grinevich@zi-mannheim.de
 Position: Head of Department
 Children: One (* 2008)
 Parental leave, if applicable: None

2) University training and degree

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

3) Advanced academic qualifications

2015 Habilitation (*Venia Legendi*), 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

4) Postgraduate professional career

2019 - present Head, Department of Neuropeptide Research in Psychiatry, Central Institute of Mental Health, Medical Faculty Mannheim, University of Heidelberg, Germany
 2012 - 2019 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 Predoctoral training with Prof. Georges Pelletier, Molecular Endocrinology, Laval University, Quebec, Quebec, Canada

5) Other

Awards and honours:

- 2022 ERC Synergy Grant
- 2021 Research Award of the European College of Neuropsychopharmacology (ECNP)
- 2015 Human Frontiers Research Award
- 2013 Royal Society Award Edinburgh, UK
- 2012 Chica and Heinz Schaller Research Foundation Award, Germany
- 2000 Alexander von Humboldt Research Fellowship, Germany
- 1999 International Research Fellowship, NIH, USA
- 1998 European Academy (*Academia Europea*) Award for Young Researchers, Prize in Medicine
- 1995 Russian President Boris Yeltsin's Stipend Award for research training abroad

Panels and coordinating functions:

- 2023 - 2029 Principle Applicant/Coordinator of the Synergy ERC grant "OxytocINspace"
- 2023 - 2028 Principle Applicant/co-Coordinator of the German-Israel Program (DIP) "Touched or Detached: Neurobiological Mechanisms of Loneliness"
- 2021 - present Coordinator (with Drs. Francesco Papaleo and Shlomo Wagner) of the European Social Club Initiative – Online seminar series
- 2015 - 2019 Principal Applicant/Coordinator in the Human Frontier Science Program grant "Deciphering oxytocin circuits controlling social behavior", RGP0019/2015

Editorial boards:

- 2023 Co-editor (with Rui Oliveira) of Masterclass Series Book: "Comparative and Evolutionary Neuroendocrinology", Springer-Nature (in composition).
- 2021 Co-editor (with Dr. Arpad Dobolyi) of Masterclass Series Book: "Neuroanatomy of neuroendocrine systems", Springer-Nature
- Since 2018 Frontiers in Molecular Neuroscience (Review Editor)

2016	Co-editor (with Dr. Rene Hurlemann) 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
Since 2012	Peptides

6) Publications

A)

Grinevich V.* Neumann, ID. Brain oxytocin: How puzzle stones from animal studies translate into psychiatry. **Molecular Psychiatry**; 26, 265-279, 2021.

Wahis J, Kerspern D, Althammer F, Baudon A, Goyon S, Hagiwara D, Lefevre A, Boury-Jamot B, Bellanger B, Abatis M, Silva da Gouveia M, Benusiglio D, Eliava M, Rozov A, Weinsanto I, Knobloch-Bollmann HS, Wang H, Pertin M, Inquimbert P, Pitzer C, Siemens J, Goumon Y, Boutrel B, Darbon P, Lamy CM, Stern JE, Décosterd I, Chatton J-Y, Young WS, Stoop R, Poisbeau P, Grinevich V.*, Charlet A. Astrocytes mediate the effect of oxytocin in the central amygdala on neuronal activity and affective states in rodents. **Nature Neuroscience**; 24, 529-541, 2021.

Tang Y, Benusiglio D, Lefevre A, Hilfiger L, Althammer F, Bludau A, Hagiwara D, Baudon A, Darbon P, Schimmer J, Kirchner MK, Roy RK, Wang S, Eliava M, Wagner S, Oberhuber M, Conzelmann KK, Schwarz M, Stern JE, Leng G, Neumann ID, Charlet A, Grinevich V.* Social touch promotes inter-female communication via activation of parvocellular oxytocin neurons. **Nature Neuroscience**; 23, 1125-1137, 2020.

Netser S, Meyer A, Magalnik H, Zylbertal A, de la Zerda SH, Briller M, Bizer A, Grinevich V. Wagner S. Distinct dynamics of social motivation drive different patterns of social behavior in Sprague Dawley rats and C57BL/6J mice. **Nature Communications**; 11, 5908, 2020.

Hasan MT, Althammer F, da Silva Gouveia M, Goyon S, Eliava M, Lefevre A, Kerspern D, Schimmer J, Raftogianni A, Wahis J, Knobloch-Bollmann HS, Tang Y, Liu X, Jain A, Chavant V, Goumon Y, Weislogel J-M, Hurlemann R, Herpertz SC, Pitzer C, Darbon P, Dogbevia GK, Bertocchi I, Larkum ME, Sprengel R, Bading H, Charlet A, Grinevich V.* A fear memory engram and its plasticity in the hypothalamic oxytocin system. **Neuron**; 103, 133-146, 2019.

Grinevich V.*, Stoop R. Interplay between oxytocin and sensory systems in the orchestration of socio-emotional behaviour. **Neuron**; 99, 887-904, 2018.

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, Busnelli M, Chini B, Tan L, 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**; 89, 1291-1304, 2016.

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**; 38, 982-991, 2017.

Grinevich V.*, Knobloch-Bollmann HS, Eliava M, Busnelli M, Chini B. Assembling the puzzle: Pathways of oxytocin signaling in the brain. **Biological Psychiatry**; 79, 155-164, 2016.

Knobloch S, 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**; 73, 553-566, 2012.

* Corresponding author

B) other publications: -

C) Patents: -