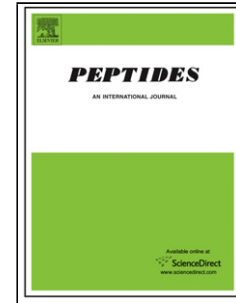


## Accepted Manuscript

Title: The oxytocin system of mice and men – Similarities and discrepancies of oxytocinergic modulation in rodents and primates

Authors: Ferdinand Althammer, Gustav Jirikowski, Valery Grinevich



PII: S0196-9781(18)30172-4  
DOI: <https://doi.org/10.1016/j.peptides.2018.09.003>  
Reference: PEP 70015

To appear in: *Peptides*

Received date: 30-5-2018  
Revised date: 18-9-2018  
Accepted date: 18-9-2018

Please cite this article as: Althammer F, Jirikowski G, Grinevich V, The oxytocin system of mice and men – Similarities and discrepancies of oxytocinergic modulation in rodents and primates, *Peptides* (2018), <https://doi.org/10.1016/j.peptides.2018.09.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## The oxytocin system of mice and men – Similarities and discrepancies of oxytocinergic modulation in rodents and primates

Ferdinand Althammer<sup>1\*</sup>, Gustav Jirikowski<sup>2</sup>, Valery Grinevich<sup>1, 3</sup>

<sup>1</sup>Schaller Research Group on Neuropeptides at German Cancer Research Center (DKFZ) and CellNetwork Cluster of Excellence at the University of Heidelberg, Heidelberg, Germany

<sup>2</sup>University Hospital, Dept. of Anatomy II, Jena, Germany

<sup>3</sup>Central Institute of Mental Health (ZI), Mannheim, Germany

\*corresponding author:

Ferdinand Althammer, PhD

Schaller Research Group on Neuropeptides

German Cancer Research Centre (DKFZ)

Im Neuenheimer Feld 581

D-69120 Heidelberg, Germany

Phone: + 49 (0) 6221 42 1582

E-mail: f.althammer@dkfz.de

### Highlights

- The reasons behind the manifold effects of the neuropeptide oxytocin
- Similarities and discrepancies of the OT system in rodents and primates
- Causes for the poor translatability of rodent research on oxytocin
- Suggestions for more effective animal studies to improve translatability

Download English Version:

<https://daneshyari.com/en/article/11015488>

Download Persian Version:

<https://daneshyari.com/article/11015488>

[Daneshyari.com](https://daneshyari.com)