

Vasopressin and oxytocin receptors in GtoPdb v.2023.1

Daniel Bichet¹, Michel Bouvier², Bice Chini³, Gerald Gimpl⁴, Gilles Guillon⁵, Tadashi Kimura⁶, Mark Knepper⁷, Stephen Lolait⁸, Maurice Manning⁹, Bernard Mouillac¹⁰, Anne-Marie O'Carroll⁸, Claudine Serradeil-Le Gal¹¹, Melvyn Soloff¹², Joseph G. Verbalis¹³, Mark Wheatley¹⁴ and Hans H. Zingg¹⁵

1. University of North Carolina, USA
2. Université de Montréal, Canada
3. CNR Institute of Neuroscience, Italy
4. Johannes Gutenberg-Universität, Germany
5. Institut de Génomique Fonctionnelle, France
6. Osaka University, Japan
7. National Institutes of Health, USA
8. University of Bristol, UK
9. University of Toledo College of Medicine, USA
10. Université de Montpellier, France
11. Vibeosphen, France
12. University of Texas, USA
13. Georgetown University Medical Center, USA
14. University of Birmingham, UK
15. McGill University, Canada

Abstract

Vasopressin (AVP) and oxytocin (OT) receptors (**nomenclature as recommended by NC-IUPHAR [94]**) are activated by the endogenous cyclic nonapeptides **vasopressin** and **oxytocin**. These peptides are derived from precursors which also produce neurophysins (neurophysin I for oxytocin; neurophysin II for vasopressin). Vasopressin and oxytocin differ at only 2 amino acids (positions 3 and 8). There are metabolites of these neuropeptides that may be biologically active [69].

Contents

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Vasopressin and oxytocin receptors

<https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=66>

Introduction to Vasopressin and oxytocin receptors

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Receptors

V_{1A} receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=366>

V_{1B} receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=367>

V₂ receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=368>

OT receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=369>

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