

## Chemerin receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

Anthony P. Davenport<sup>1</sup> and Amy E. Monaghan<sup>2</sup>

1. University of Cambridge, UK
2. University of Edinburgh, UK

### Abstract

Nomenclature for the chemerin receptors is presented as **recommended by NC-IUPHAR [14, 41]**. The chemoattractant protein and adipokine, [chemerin](#), has been shown to be the endogenous ligand for both chemerin family receptors. Chemerin<sub>1</sub> was the founding family member, and when *GPR1* was de-orphanised it was re-named Chemerin<sub>2</sub> [41]. Chemerin<sub>1</sub> is also activated by the lipid-derived, anti-inflammatory ligand [resolvin E1](#) (RvE1), which is formed *via* the sequential metabolism of [EPA](#) by aspirin-modified cyclooxygenase and lipoxygenase [2, 3]. In addition, two GPCRs for [resolvin D1](#) (RvD1) have been identified: FPR2/ALX, the lipoxin A<sub>4</sub> receptor, and GPR32, an orphan receptor [43].

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### Database links

#### [Chemerin receptors](#)

<http://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=338>

#### Receptors

[Chemerin<sub>1</sub> \(chemerin receptor 1\)](#)

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=79>

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