

Chemerin receptors in GtoPdb v.2021.3

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Abstract

Nomenclature for the chemerin receptors is presented as **recommended by NC-IUPHAR [15, 43]**). The chemoattractant protein and adipokine, [chemerin](#), has been shown to be the endogenous ligand for both chemerin family receptors. Chemerin₁ was the founding family member, and when *GPR1* was de-orphanised it was re-named Chermerin₂ [43]. Chemerin₁ 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 A₄ receptor, and GPR32, an orphan receptor [45].

Contents

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Database links

Chemerin receptors

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

Introduction to Chemerin receptors

<https://www.guidetopharmacology.org/GRAC/FamilyIntroductionForward?familyId=338>

Receptors

Chemerin₁(chemerin receptor 1)

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

Chemerin₂(chemerin receptor 2)

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=82>

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