

Glucagon receptor family in GtoPdb v.2023.1

Dominique Bataille¹, Susan L. Chan², Philippe Delagrangé³, Daniel J. Drucker⁴, Burkhard Göke⁵, Rebecca Hills⁶, Kelly E. Mayo⁷, Laurence J. Miller⁸, Roberto Salvatori⁹ and Bernard Thorens¹⁰

1. INSERM, France
2. University of Nottingham, UK
3. Servier, France
4. University of Toronto, Canada
5. University of Hamburg, Germany
6. University of Edinburgh, UK
7. Northwestern University, USA
8. Mayo Clinic, USA
9. Johns Hopkins Hospital, USA
10. University of Lausanne, Switzerland

Abstract

The glucagon family of receptors (**nomenclature as agreed by the NC-IUPHAR Subcommittee on the Glucagon receptor family [165]**) are activated by the endogenous peptide (27-44 aa) hormones [glucagon](#), [glucagon-like peptide 1](#), [glucagon-like peptide 2](#), glucose-dependent insulinotropic polypeptide (also known as [gastric inhibitory polypeptide](#)), [GHRH](#) and [secretin](#). One common precursor ([GCG](#)) generates [glucagon](#), [glucagon-like peptide 1](#) and [glucagon-like peptide 2](#) peptides [121]. For a recent review on the current understanding of the structures of GLP-1 and GLP-1R, the molecular basis of their interaction, and the associated signaling events see de Graaf *et al.*, 2016 [90].

Contents

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Database links

[Glucagon receptor family](#)

<https://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=29>

Introduction to Glucagon receptor family

<https://www.guidetopharmacology.org/GRAC/FamilyIntroductionForward?familyId=29>

Receptors

GHRH receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=247>

GIP receptor

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GLP-1 receptor

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GLP-2 receptor

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secretin receptor

<https://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=252>

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