

## Glucagon receptor family (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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### Abstract

The glucagon family of receptors (**nomenclature as agreed by the NC-IUPHAR Subcommittee on the Glucagon receptor family [159]**) 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 [116]. For a recent review on review the current understanding of the structures of GLP-1 and GLP-1R, the molecular basis of their interaction, and the signaling events associated with it, see de Graaf et al., 2016 [87].

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## Database links

### Glucagon receptor family

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

### Introduction to Glucagon receptor family

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#### Receptors

##### GHRH receptor

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##### GIP receptor

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##### secretin receptor

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