

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

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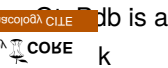
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Abstract

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].

Contents

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Database links

Glucagon receptor family

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

Introduction to Glucagon receptor family

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

Receptors

GHRH receptor

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GIP receptor

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GLP-1 receptor

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=249>

GLP-2 receptor

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=250>

glucagon receptor

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=251>

secretin receptor

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