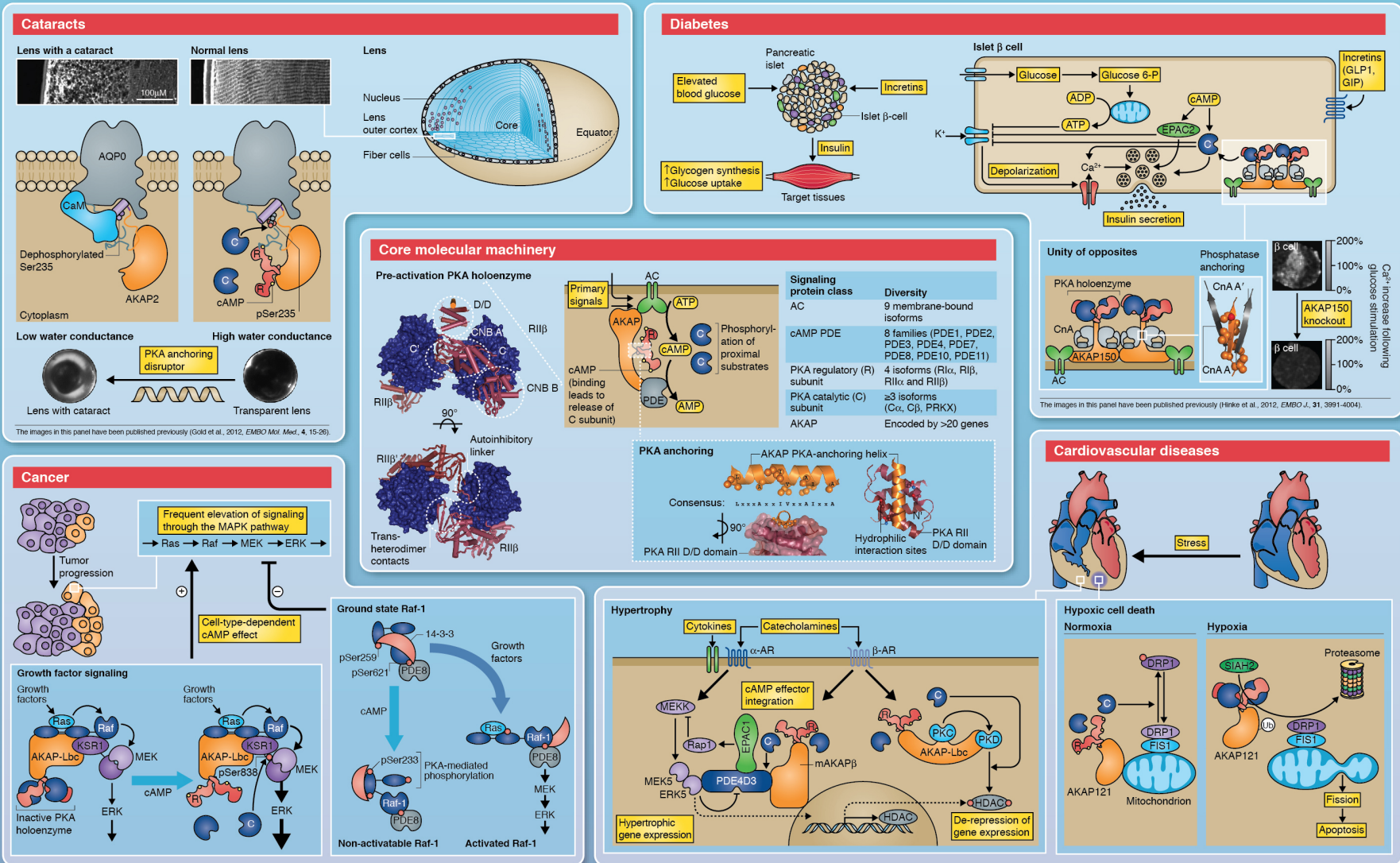


Local cAMP Signaling in Disease at a Glance

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Abbreviations: α-AR, α-type adrenergic receptor; β-AR, β-type adrenergic receptor; AC, adenylyl cyclase; AKAP, A-kinase anchoring protein; AQP0, aquaporin-0; CaM, calmodulin; C, protein kinase A catalytic subunit; cAMP, 3'-5' cyclic adenosine monophosphate; CnA, calcineurin; CnA A, calcineurin A subunit; CNB A, cyclic-nucleotide-binding domain A; CNB B, cyclic-nucleotide-binding domain B; DRP1, dynamin-related protein 1; EPAC, exchange proteins activated by cAMP; ERK, extracellular-signal-regulated

kinase; FIS1, mitochondrial fission 1 protein; GIP, glucose-dependent insulinotropic polypeptide; GLP1, glucagon-like peptide 1; glucose 6-P, glucose 6-phosphate; HDAC, histone deacetylase; KSR1, kinase suppressor of Ras isoform 1; MEKK, MEK kinase; PDE, phosphodiesterase; PKA, protein kinase A; PKC, protein kinase C; PKD, protein kinase D; R, protein kinase A regulatory subunit; RI, type I PKA regulatory subunit; RII, type II PKA regulatory subunit; Ub, ubiquitin.