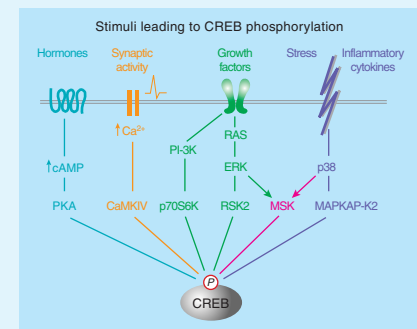


Adenylyl cyclase	Modulators				Protein kinase
	G α_s	G α_i	G $\beta\gamma$	Ca $^{2+}$	
I	+	-	-	+CaM	-CaMKIV
II	+	-	+(G α_s)	-	+PKC
III	+	-	-	+CaM	-CaMKII
IV	+	-	+(G α_s)	-	-PKC
V	+	-	-	-	+PKC, -PKA
VI	+	-	-	-	-PKC, -PKA
VII	+	-	+(G α_s)	-	+PKC
VIII	+?	-	-	+CaM	-
IX	+	-	-	-Calcineurin	-

Phosphodiesterase	Modulators			Others
	Ca $^{2+}$	Protein kinase		
PDE1A	+CaM	-CaMKII		
PDE1B	+CaM	-PKA		
PDE1C	+CaM	-PKA		
PDE2				+cGMP
PDE3A	+	+PKA		-cGMP
PDE3B	+	+PKB, +PKA		-cGMP
PDE4A		Inositol pathway		Binding to Src
PDE4B				
PDE4C				
PDE4D	-	+PKB, -ERK2		
PDE7		Inositol pathway		
PDE8	+			

Activation domain	DNA-binding domain	Function
SEF-133	CREB	Activator
SEF-63	ATF1	Activator
SEF-117	CREM τ	Activator
SEF-117	CREM τ 1	Activator
SEF-68	CREM τ 2	Activator
SEF-68	CREM α	Repressor
SEF-68	CREM β	Repressor
SEF-68	CREM-S	Repressor
SEF-68	ICER	Repressor



Cyclic AMP Signalling

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