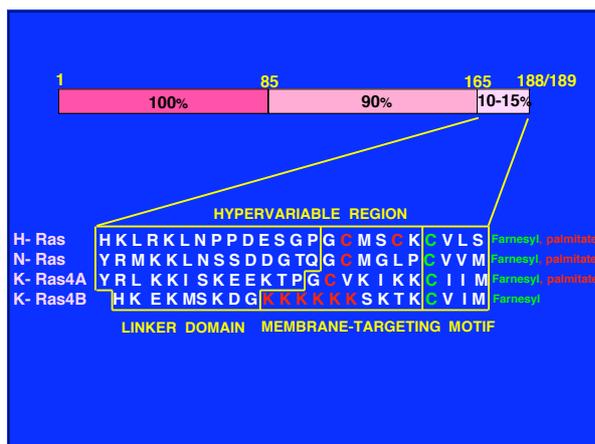
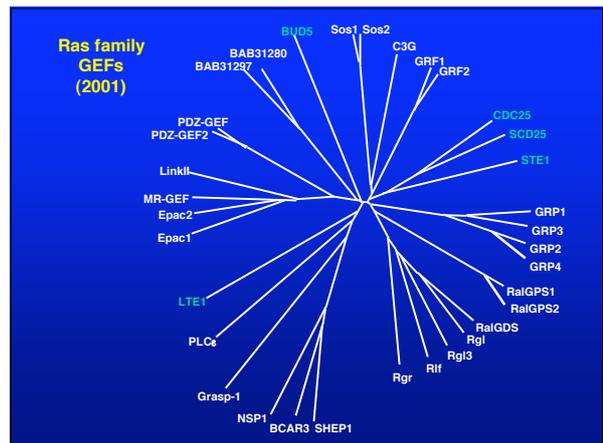
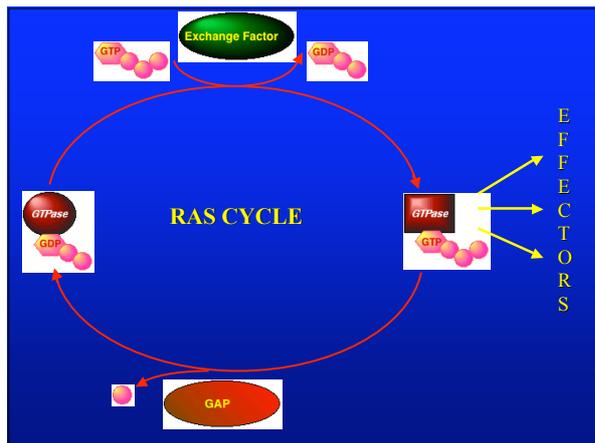
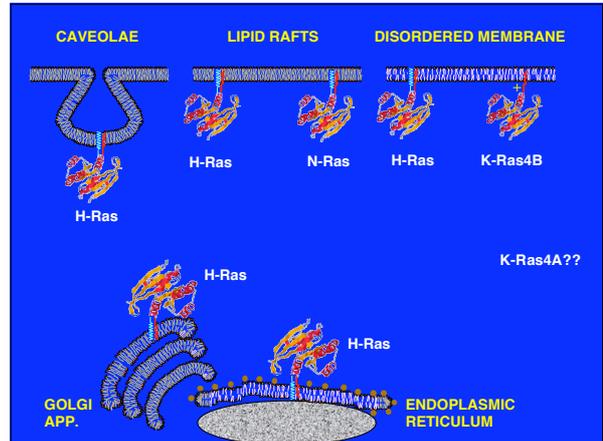
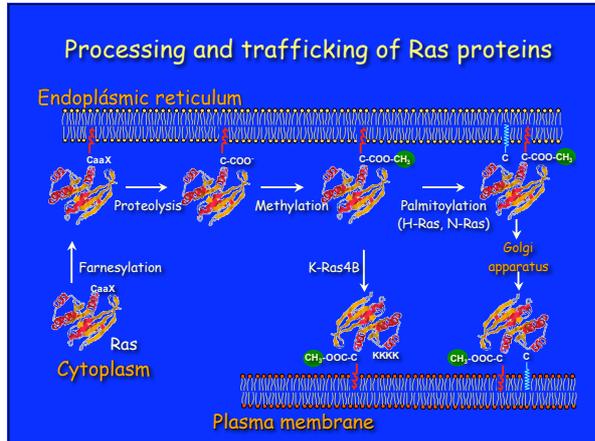
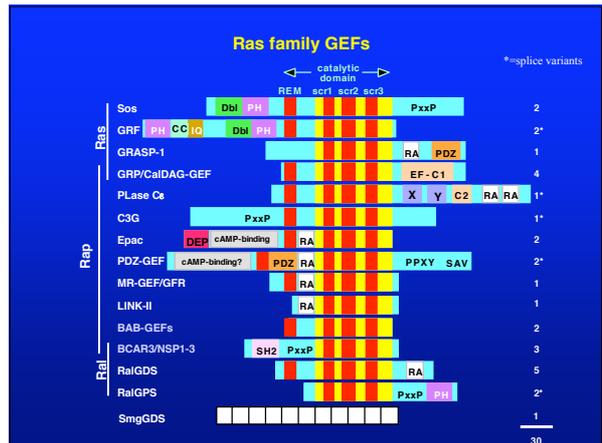
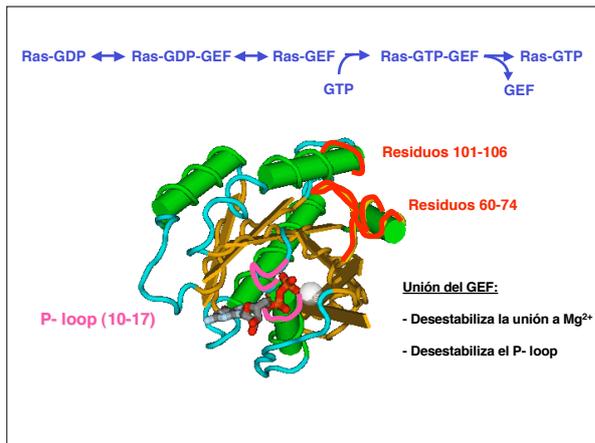
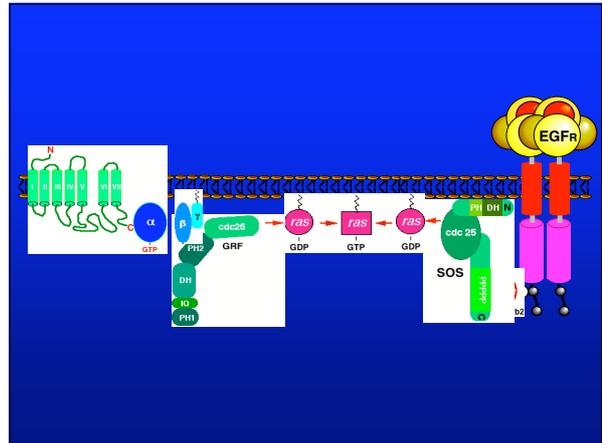
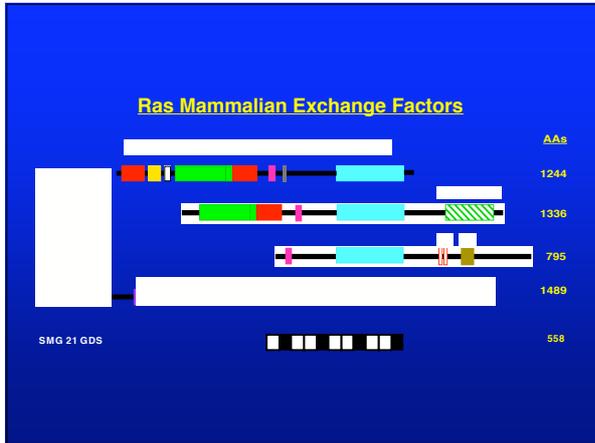


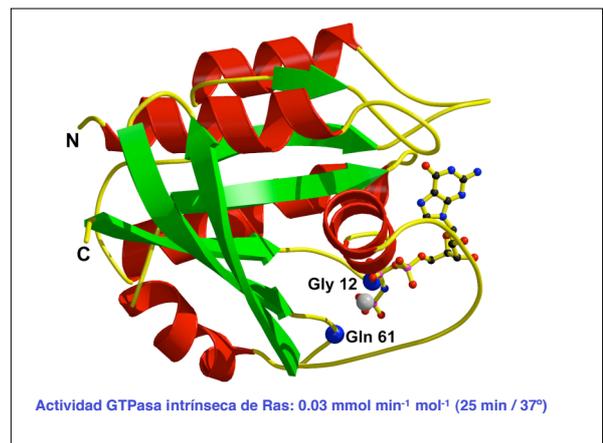
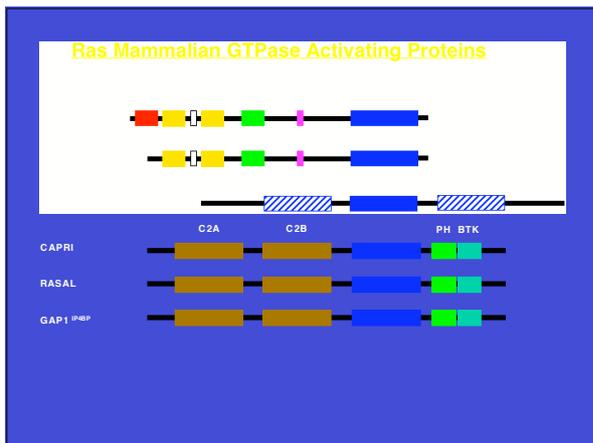
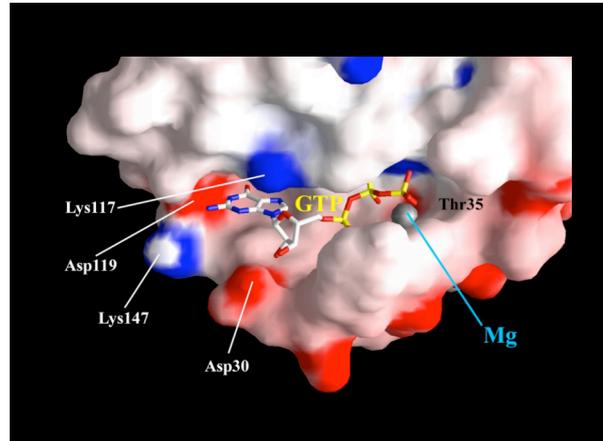
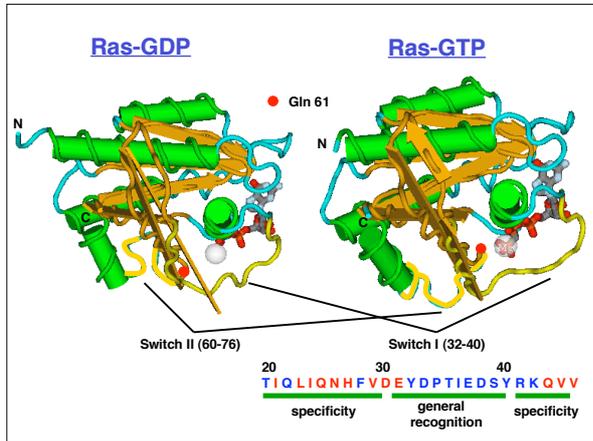
ONCOGEN	ORIGEN	GEN	CROMOSOMA (h)
H- <i>ras</i>	Retrovirus de sarcoma de rata (Harvey)	3 kb	11
K- <i>ras</i>	Retrovirus de sarcoma de rata (Kirstein)	35 kb	12
N- <i>ras</i>	Neuroblastoma humano (no retroviral)	7 kb	1

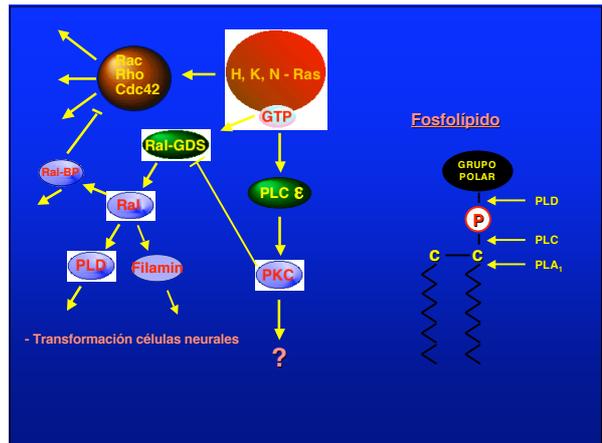
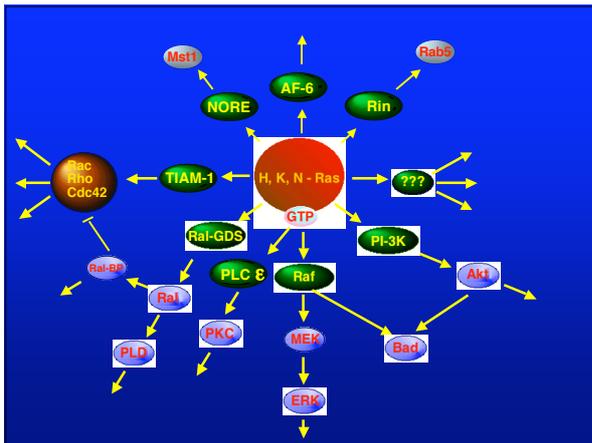
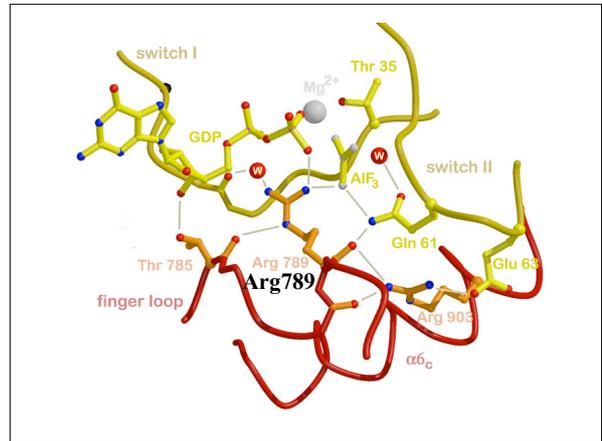
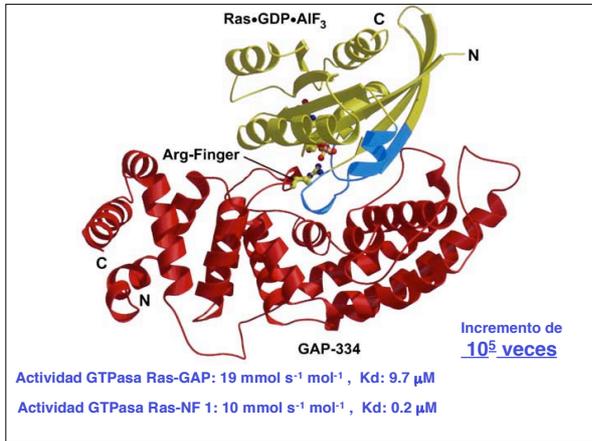


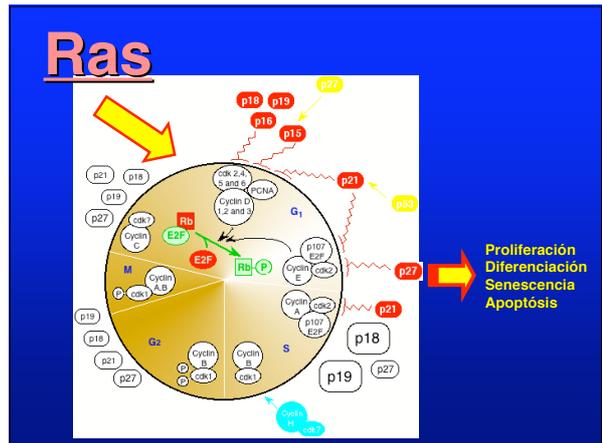
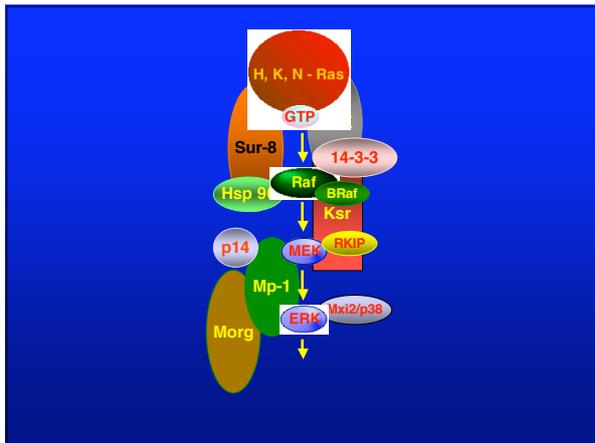
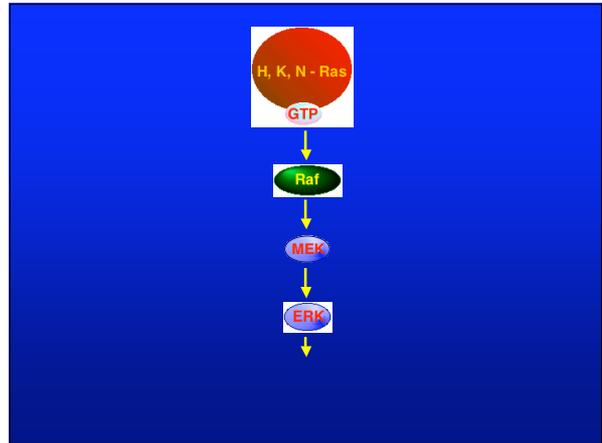
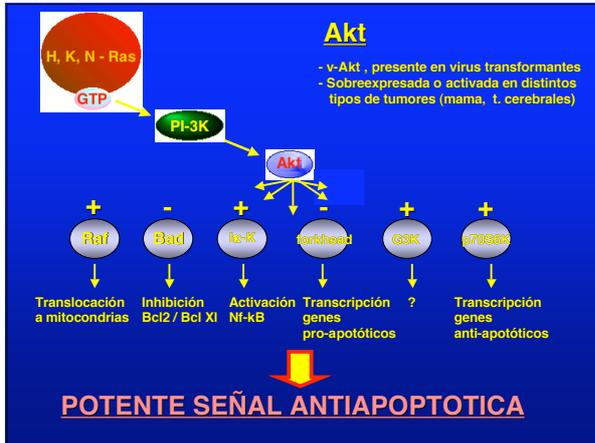
- ### Main differences among H-, K-, and N-Ras
- Distinct patterns of expression in tissues and during development.
 - Distinct involvement in human carcinogenesis.
 - Distinct transforming potential in different cell types.
 - Differences in their anti-apoptotic potential.
 - Differences in their sensibility towards NF1- GAP.
 - Differentially activated by some exchange factors.
 - Quantitative differences in their ability to activate Raf and PI-3K.
 - Distinct phenotypes of ras knock-out mice.

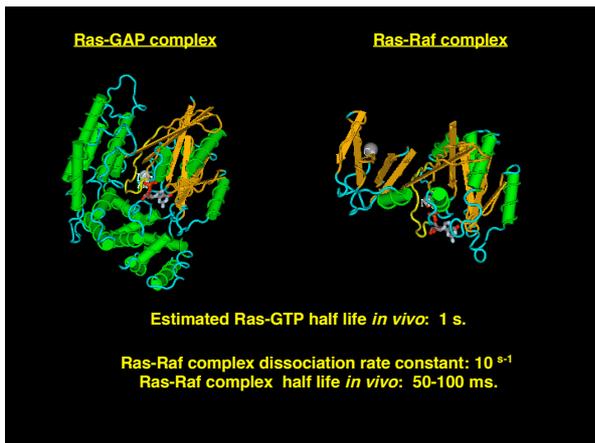
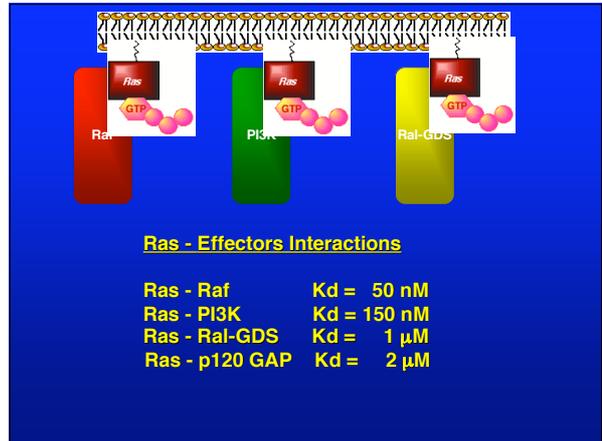
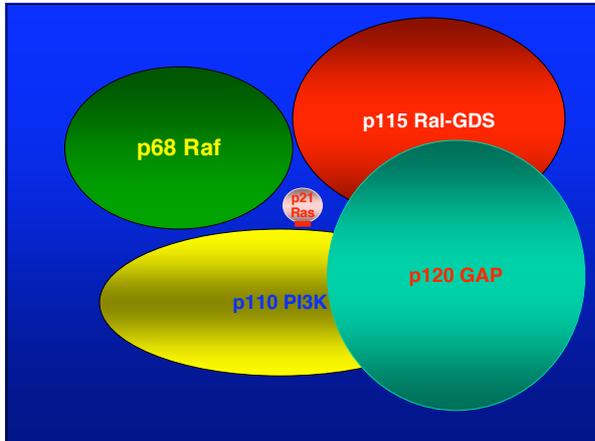




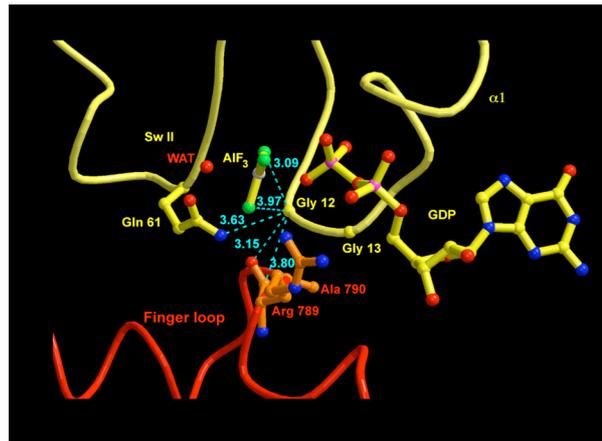
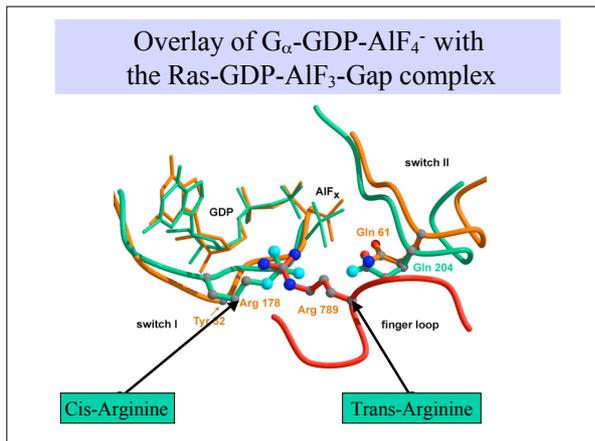
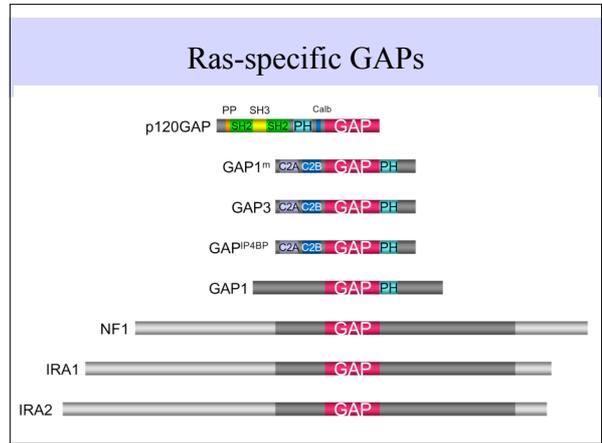
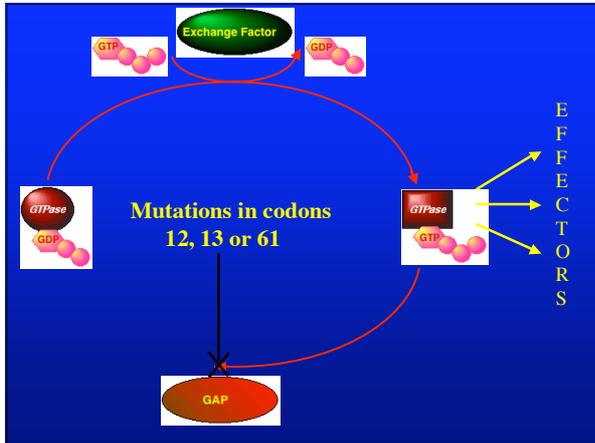


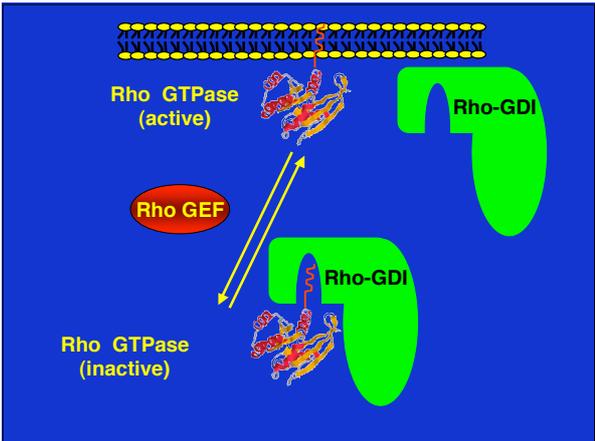
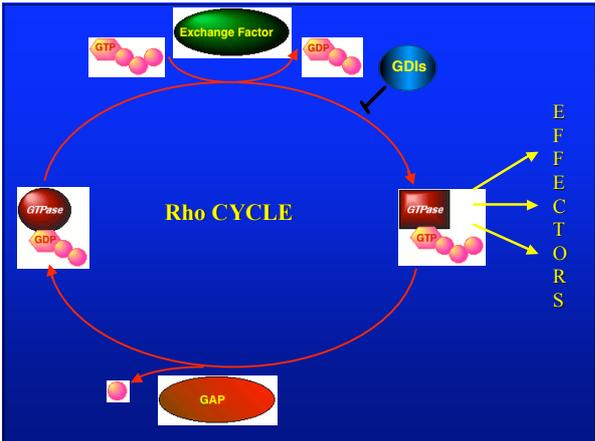
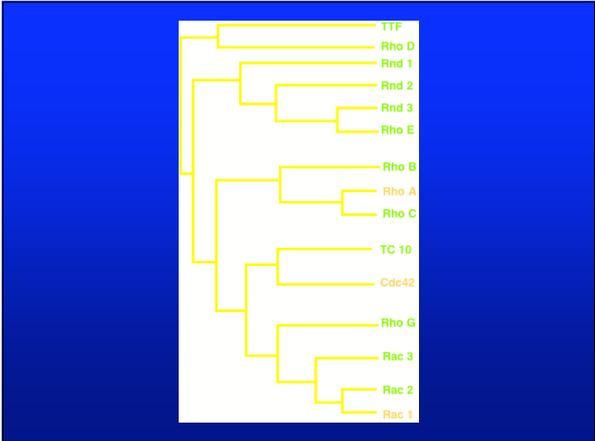
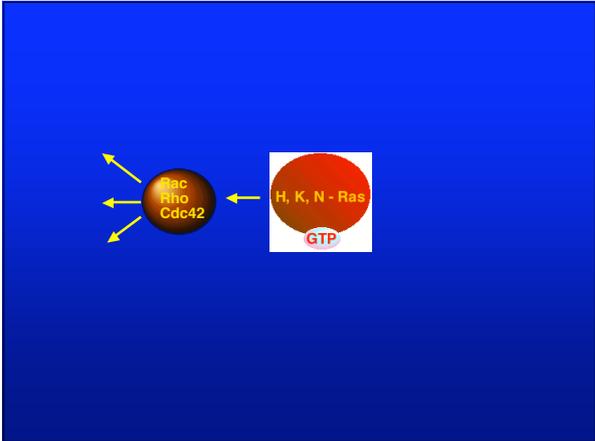


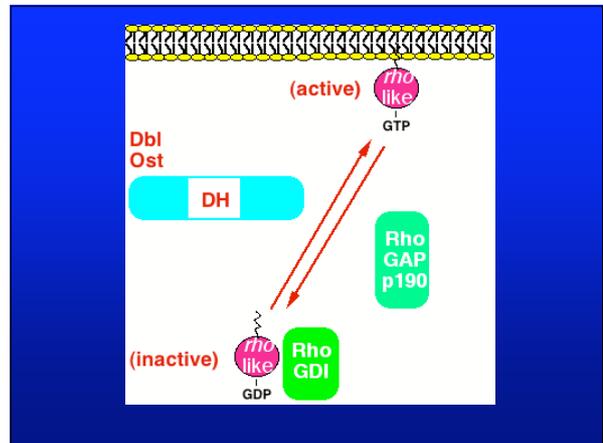
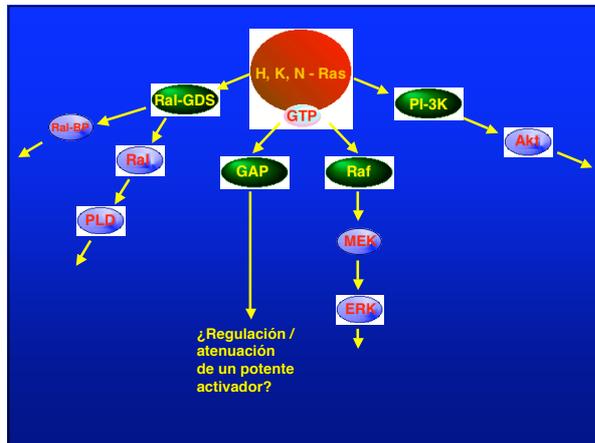




	Breast	-	<5%	-
Lung	Small cell	-	-	-
	Non-small	-	30% (adeno)	<5%
Head & neck	Squamous	35%	-	-
	Non-Squamous	-	-	-
Stomach	Melanoma	-	<5%	<20%
	Non-Melanoma	30-50%	-	-
Digestive track	Esophagus	-	-	-
	Stomach	-	<50%	<5%
	Pancreas	-	90%	-
	Cholangio & gall bladder	-	90%	-
Colorectal	-	-	40%	10%
	-	-	-	-
Urogenital	Kidney	<10%	<10%	-
	Urothelial	<10%	-	-
	Prostate	<5%	-	-
	Ovarian	-	rare	-
Endometrial	-	-	40%	-
	cervical	20-30%	-	-
Endocrine	Thyroid	90%	90%	90%
	Phaeochromo. Medullary	-	-	-
Lymphomas	Hodgkins	-	-	-
	Non-Hodgkins	-	-	-
	Myeloma	-	-	10%
Leukemias	Acute myeloid	-	-	25%
	Acute lymphoid	-	-	10-20%
	Chronic myeloid	-	-	rare
	Chronic lymphoid	-	-	25%
	CML	-	-	65%
MDS	-	-	24%	
Childhood T.	Neuroblastoma	-	-	-







“La ciencia es aceptable siempre que no contradiga la fe”.

“Todas las ciencias deben tender a la búsqueda de la verdad en su orden y su lícita autonomía metodológica, si bien sus conclusiones no pueden contradecir la fe, ya que tanto el mundo como el saber teológico tienen su origen en Dios”.

Pío XII; encíclica Humani Generi, 1950

“Eeeeeeeeeeeeeee”.

El Cordobés, Las Ventas 1970.