

<b>Models/Materials</b>	Transgenic animals	HD mice (R6/2 line); ALS mice: B6.Cg-Tg(SOD1*G93A)1Gur/J mice
	Cell lines	St14A/Q15 and ST14A/Q120(HD) Q7 and STHdhQ111/Q111( (HD); SH-SY5Y (human neuroblastoma cell line);MO3.13 (human oligodendrocyte cell line)
	Other	Human NPC fibroblasts
<b>Protocols and Methods</b>	Cell culture	Primary culture of cortical, hippocampal and striatal neurons from mouse or rat embryos
	Biochemistry	
	Gene expression	real time PCR
	Immunohistochemistry	Immunohistochemistry
	Molecular Biology	DNA electrophoresis; PCR.
	Receptor binding	
	Western blotting	ECL Chemiluminescence substrate; Mini-Format Vertical Electrophoresis and transfer systems (Biorad); HRP-conjugated secondary antibodies (Jackson), Primary antibodies.
	Electrophysiology	Extracellular recording from rodent brain slices, patch clamp recording
	Behaviour	Rodent Behavior Analysis: mouse rota-rod device; Activity meter automated cages (rats and mice); Mouse Water Maze Pool +Video-Tracking Software (Any-maze)
Other		
<b>Non commercial antibodies</b>	P1 receptors	
	P2 receptors	
<b>Non commercial drugs</b>		
<b>Fluorescent probes</b>		
<b>Investigational diagnostic test</b>		
<b>Biosamples</b>	Human origin	Fibroblasts from NPC1 and control subjects
	Animal origin	Brain areas from rats and mice (WT and transgenic)