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Further components	Patricia Giuliani, Iolanda D'Alimonte, Silvana Buccella, Mariachiara Zuccarini, Marzia Carluccio						
	Margherita Rossini and Francesco Caciagli						
Main fields of research	Purine activity on the osteogenic and adipogenic differentiation of human mesenchymal stem cells;						
	role of purinergic system in the EMT and tumor development/progression;						
	multiple effects of guanine-based purines (and adenine-based counterparts) at the rat CNS;						
	characterization of new putative receptors to guanine-based nucleosides and nucleobases;						
	identification and activity of enzymes involved in the purine metabolism released from cells.						
Main disease(s) of interest	Neurodegenerative disorders; tumor progression and metastasis.						
Models/Materials	Transgenic animals	<i>none</i>					
	Cell lines	Cell lines of nervous tissue from rat (C6 glioma cells) and human (N1321 and SH-SY5Y; U87; U373, N9)					
	Other	primary cultures from normal (dental pulp, amniotic fluid, adipose tissue)					
	and cancer (cancer stem cells from glioblastoma multiforme) human tissues and from rat nervous tissue (neurons, astrocytes, microglia)						
Protocols and Methods	Cell culture	evaluation of cell growth, survival, apoptosis, necrosis					
	Biochemistry	measurement of purine release					
	coupled to their extracellular enzyme metabolism						
	Gene expression	NO					
	Immunohistochemistry	NO					

Biosamples	Human origin	adipose tissue, dental pulp, amniotic fluid, specimens from brain tumor (glioblastoma multiforme)						
	Animal origin	CNS (cortex, striatum)						
<p>Autorizzo la diffusione e l'utilizzo dei miei dati nell'ambito della società scientifica Purine Club e per i fini da essa perseguiti.</p> <p>Firma: </p>								