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Release of soluble and vesicular purine nucleoside phosphorylase from rat astrocytes and microglia induced by pro-inflammatory stimulation with extracellular ATP via P2X₇ receptors

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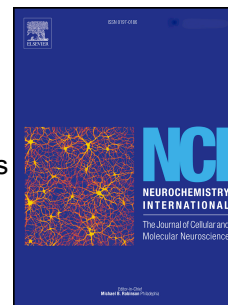
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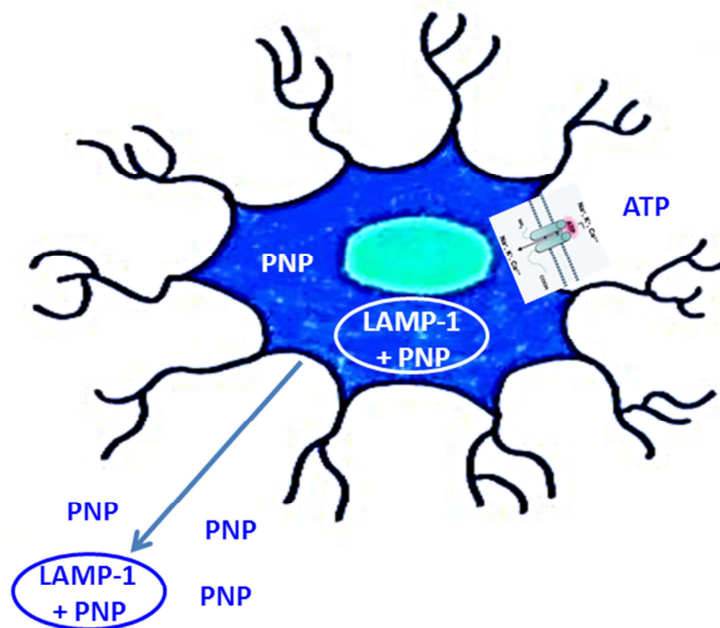
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PNP RELEASE FROM GLIAL CELLS



Neural cells, mainly astrocytes and microglia, constitutively release PNP in the pericellular fluid. Extracellular ATP interacting with P2X7 receptors increases such a release, in part involving the lysosomal secretory pathway.

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