ALTRES PUBLICACIONS
OTRAS PUBLICACIONES
OTHER PUBLICATIONS

- Muñoz-Torrero D, Pera M, Relat J, Ratia M, Galdeano C, Viayna E, Sola I, Formosa X, Camps P, Badia A, Clos MV.
Expanding the multipotent profile of huprine-tacrine heterodimers as disease-modifying anti-Alzheimer agents.
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- Viayna E, Gomez T, Galdeano C.
Novel huprine derivatives with inhibitory activity toward beta-amyloid aggregation and formation as disease-modifying anti-alzheimer drug candidates.
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- Ratia M, Gimenez-Llort L, Camps P, Munoz-Torrero D, Clos MV, Badia A.
Behavioural effects and regulation of PKCalpha and MAPK by huprine X in middle aged mice.
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- Hedberg MM, Clos MV, Ratia M.
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- Camps P, Formosa X, Galdeano C.
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- Camps P, Formosa X, Galdeano C.
Pyrano[3,2-c]quinoline-6-chlorotacrine hybrids as a novel family of acetylcholinesterase- and beta-amyloid-directed anti-Alzheimer compounds.
J.Med.Chem. **2009**; 52:5365-5379.

- Pera M, Martinez-Otero A, Colombo L.
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Novel donepezil-based inhibitors of acetyl- and butyrylcholinesterase and

acetylcholinesterase-induced beta-amyloid aggregation.
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- Clos MV, Pera M, Ratia M, Roman S, Camps P, Munoz-Torrero D, Colombo L, Salmona M, Badia A.
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- Camps P, Gomez E, Munoz-Torrero D, Badia A, Clos MV, Curutchet C, Munoz-Muriedas J, Luque FJ.
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J Med Chem. **2006**;49:6833-40.

- Pera M, Roman S, Ratia M, Camps P, Munoz-Torrero D, Colombo L, Manzoni C, Salmona M, Badia A, Clos MV.
Acetylcholinesterase triggers the aggregation of PrP 106-126.
Biochem Biophys Res Commun. **2006** ;346:89-94.

- Roman S, Badia A, Camps P, Munoz-Torrero D, Clos MV.
Nicotinic-receptor potentiator drugs, huprine X and galantamine, increase ACh release by blocking AChE activity but not acting on nicotinic receptors.
Brain Res. **2005**;1061(2):73-9.

- Alcala MM, Maderuelo A, Vivas NM, Camps P, Munoz-Torrero D, Clos MV, Badia A.
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Potentiation effects of (+/-)huprine X, a new acetylcholinesterase inhibitor, on nicotinic receptors in rat cortical synaptosomes.
Neuropharmacology. **2004**;46:95-102.

PROJECTES DE RECERCA
PROYECTOS DE INVESTIGACIÓN
RESEARCH PROJECTS

- Effects of acetylcholinesterase inhibitors (huprines and heterodimers) on neurotoxic and neurogenic process in vivo and in vitro: role of AChE-S and AChE-R isoforms.
- Pharmacological profile of heterodimers huprine-tacrine and donepzil-huprine

TESIS DOCTORALS
TESIS DOCTORALES
PhD THESES

- Accions no canòniques dels anticolinesteràsics huprines: efectes sobre l'agregació amiloidogènica i la neuroprotecció. Marta Pera Muñoz (març 2010)

- Efectos conductuales y moleculares del anticolinesterasico Huprina X en dos modelos experimentales con deterioro cognitivo. Miriam Ratia García (desembre 2010)

ALTRES ESTUDIS
OTROS ESTUDIOS
OTHER STUDIES

- Estudio del efecto neuroprotector de los anticolinesterásicos heterodímeros en células de neuroblastoma humano SH-SY5Y. Irene Monfardini (2009). Erasmus student

- Estudio farmacocinético de la huprina X en ratones tras la administración intravenosa del fàrmaco. Francesco Lucarelli (2009). Erasmus student

- Studio degli effetti della Huprina X in topi 3xTg di sesso feminile. Samantha Mancino (2010) Erasmus estudent.

- Caracterització de les activitats anticolinesteràsica, antiagregant i neuroprotectora dels compostos duals heterodímers Hup7TH i Hup7TCl. Julia Relat (2010) PhD student.

- Characterization of SH-SY5Y cells overexpressing APPwt / APPswe and Huprine X effects on APP processing. Cristina Suriol (2010). Master estudent.

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