

Publicaciones representativas de la trayectoria del grupo (anterior a 2005)

Sánchez-Jiménez F., Cánovas FM, Núñez de Castro I (1991) Destino del ión amonio, ciclo de la urea y circulación de aminoácidos entre tejidos. En: **Bioquímica**, 2ª Ed. (E. Herrera, Ed.) Interamericana, Madrid, pp. 869-897. ISBN 84-7615-778-9.

Medina MA, Sánchez-Jiménez F, Márquez J, Quesada AR, Núñez de Castro I (1992) Relevance of glutamine metabolism to tumor cell growth. [Mol. Cell. Biochem.](#) 113: 1-15.

Viguera E, Trelles O, Urdiales JL, Mates JM, Sánchez-Jiménez F (1994) Mammalian L-amino acid decarboxylases producing 1,4-diamines: analogies among differences. [Trends Biochem. Soc.](#), 19: 318-319.

Medina MA, Quesada AR, Núñez de Castro I, Sánchez-Jiménez F (1999) Histamine, polyamines and cancer. [Biochem. Pharmacol.](#), 57: 1341-1344.

Morgan DML, White A, Sánchez-Jiménez F, Bardocz S (Editores) (2000) COST 917: **Biogenically Active Amines in Food**. Vol. IV. Publicaciones Oficiales de las Comunidades Europeas (DGXII). ISBN: 92-828-8730-8.

Medina, MA; Urdiales, JL; Amores-Sanchez, MI (2001) Roles of homocysteine in cell metabolism - Old and new functions. [Eur J Biochem.](#), 288: 3871-3882.

Ruiz-Chica AJ, Medina MA, Sánchez-Jiménez F, Ramírez FJ (2001) FT-Raman study of the structural specificities on the interaction between DNA and biogenic polyamines. [Biophys. J.](#), 80: 443-454.

Medina MA, Urdiales JL, Rodríguez-Caso C, Ramírez FJ, Sánchez-Jiménez F (2003) Biogenic amines and polyamines: similar biochemistry for different physiological missions and biomedical applications. [Crit. Rev. Biochem. Mol. Biol.](#), 38: 23-59.

Rodríguez-Caso C, Rodríguez-Agudo D, Sánchez-Jiménez F., Medina MA (2003) Green tea epigallocatechin-3-gallate is an inhibitor of mammalian histidine decarboxylase. [Cell Mol. Life Sci.](#), 60: 1760-1763.

Rodríguez-Caso C, Rodríguez-Agudo D, Moya-García A, Fajardo I, Medina MA, Subramaniam V, Sánchez-Jiménez F. (2003) Local changes in the catalytic site of mammalian histidine decarboxylase can affect its global conformation and stability. [Eur. J. Biochem.](#), 270: 4376-4387.

Ruiz-Chica J, Medina MA, Sánchez-Jiménez F, Ramírez F (2004) On the interpretation of Raman spectra of 1-aminoxy-spermine/DNA complexes. [Nucleic Ac. Res.](#), 32: 579-589.

Fleming JV, Sánchez-Jiménez F, Moya-García AA, Langlois MR, Wang T (2004) Mapping of catalytically important residues in the rat L-histidine decarboxylase enzyme using bioinformatic and site directed mutagenesis approaches. [Biochem. J.](#), 379: 253-261.

Fleming JV, Fajardo I, Langlois MR, Sánchez-Jiménez F, Wang TC (2004) The C- terminus of rat L-histidine decarboxylase (HDC) specifically inhibits enzymatic activity and disrupts PLP-dependent interactions with L-histidine substrate analogues. [Biochem. J.](#), 381: 769-778.

Fajardo I, Svensson L, Bucht A, Pejler G (2004) Increased levels of hypoxia-sensitive proteins in allergic airway inflammation. [Am J Resp Crit Care.](#), 170: 477-484..

Olmo M, Sanchez-Jimenez F, Medina M, Hayashi H (2002) Spectroscopic analysis of recombinant rat histidine decarboxylase. [J Biochem.](#), 132: 433-439.