

## Pere Rosell Puigdomènec

### List of scientific publications (selection)

- \* The structural code for proteins: Zonal Distribution of Amino Acid Residues and Stabilization of Helices by Hydrophobic Triplets. J. Palau & P. Puigdomènec. *J. Mol. Biol.* (1974) 88, 457-469.
- Studies on the role and mode of operation of the very-lysine-rich-histones in eukaryote chromatin. The conformation of H1 histones from marine invertebrate sperm. P. Puigdomènec, O. Cabré, J. Palau, E.M. Bradbury & Crane-Robinson. *Eur.J.Biochem.* (1975) 59, 237-243.
- \* Studies on the role and mode of operation of the very-lysine-rich histones in eukaryote chromatin. Nuclear-magnetic-resonance studies on nucleoprotein and histone H1-DNA complexes from marine invertebrate sperm. P. Puigdomènec, P. Martínez, O. Cabré, J. Palau, E.M. Bradbury & C. Crane-Robinson. *Eur.J.Biochem.* (1976) 65, 357-363.
- Nuclear magnetic resonance studies on rabbit uteroglobin. P. Puigdomènec & M. Beato. *FEBS Lett.* (1977) 83, 217-221.
- The structure of sea urchin sperm histone H1 in chromatin and in free solution. Trypsin digestion and spectroscopic studies. P. Puigdomènec, J. Palau & C. Crane-Robinson. *Eur.J. Biochem.* (1980) 104, 263-270.
- Interaction of S-carboxymethylated uteroglobin with progesterone. P.A. Temussi, T. Tancredi, P. Puigdomènec, A. Saavedra & M. Beato. *Biochemistry* (1980) 19, 3287-3293.
- Stability and reversibility of higher ordered structure of interphase chromatin: Continuity of deoxyribonucleic acid is not required for maintenance of folded structure. A. Ruiz-Carrillo, P. Puigdomènec, G. Eder & R. Lurz. *Biochemistry* (1980) 19, 2544- 2554.
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- \* DNA and Histone H1 interact with different domains of HMG1 and 2 proteins. M. Carballo, P. Puigdomènec & J. Palau. *EMBO J.* (1983) 2, 1759-1764.
- \* Interaction between domains in chromosomal protein HMG1. M. Carballo, P. Puigdomènec & J. Palau. *EMBO J.* (1984) 3, 1255-1261.
- Subcellular localization of glutelin-2 in maize (*Zea maize L.*) endosperm. M.D. Ludevid, M. Torrent, J.A. Martínez-Izquierdo, P. Puigdomènec & J. Palau. *Plant. Mol. Biol.* (1984) 3, 227-234.
- \* Nucleic acid (cDNA) and amino acid sequences of the maize endosperm glutelin-2. S. Prat, J. Cortadas, P. Puigdomènec & J. Palau. *Nucleic Acid Res.* (1985) 13, 1493-1504.
- Structural studies on *Allium cepa L.* chromatin : Enhanced stability of internucleosome interactions in plant chromatin. M.L. Moreno, P.

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#### **Recent publications in newspapers on general subjects**

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