POSDOCTORAL POSITION APPLICATION

Andalusian Government has open a call for posdoctoral positions that specifically offers 3 contracts to CSIC groups working in CABIMER (Seville). In this frame, our Group "**Chromatin Integrity and Function**" is looking for highly motivated researches. Since there are just 9 CSIC groups in CABIMER, this is an excellent opportunity to obtain a 3 years postdoctoral contract for those researchers interested in understanding the molecular bases of genome dynamics and stability.

The main research lines of our group are:

1. Role of chromatin in genome integrity
2. Mechanisms of DNA damage tolerance

Applicants should have expertise in molecular biology, first author publications in high impact journals and a PhD defended after 2015 (5 years before publication of the call, expected for next week). International experience will be a preferential merit. If you are interested, please get in contact with **Dr. Félix Prado** (felix.prado@cabimer.es).

To get more information about our group please go to:

https://www.cabimer.es/web3/grupos-de-investigacion/integridad-y-funcion-de-la-cromatina/

Selected publications:

1. Douglas Maya-Miles, Eloisa Andújar, Monica Pérez-Alegre, Marina Murillo-Pineda**,** Marta Barrientos-Moreno, María J. Cabello-Lobato, Elena Gómez-Marín, Macarena Morillo-Huesca and **Félix Prado.** Crosstalk between chromatin structure, cohesion activity and transcription. **Epigenetics & Chromatin** (2019) 12:47
2. Marta Barrientos-Moreno, Marina Murillo Pineda, Ana M. Muñoz-Cabello and **Félix Prado**. Histone depletion prevents telomere fusions in pre-senescent cells**. PLoS Genetics** (2018) 14:e1007407
3. Silvia Jimeno-Gonzalez, Laura Payán, Ana M. Muñoz-Cabello, Macarena Guijo, Gabriel Gutierrez, **Félix Prado** and José C. Reyes. Chromatin structure regulates RNA polymerase II elongation rate and co-transcriptional pre-mRNA splicing. ***PNAS*** (2015) 112:14840-14845
4. Marina Murillo-Pineda, María J. Cabello-Lobato, Marta Clemente-Ruíz, Fernando Monje-Casas and **Félix Prado.** Defective histone supply causes condensin-dependent chromatin alterations, SAC activation and chromosome decatenation impairment**. Nucleic Acid Research** (2014) 42:12469-12482
5. Román Gonzalez-Prieto, Ana Muñoz-Cabello, María J. Cabello-Lobato and **Félix Prado**. Rad51 replication fork recruitment is required for DNA damage tolerance. **EMBO J** (2013) 32: 1307-1321
6. Marta Clemente and **Félix Prado**. Chromatin assembly controls replication fork stability. **EMBO reports** (2009) 10: 790-796