

Post-doc and pre-doc positions open at the DNA replication and Genome Integrity group

Rodrigo Bermejo's DNA replication and Genome Integrity group at the Centre for Biological Research (CIB-CSIC) in Madrid focuses on understanding the mechanisms granting the integrity of replicating chromosomes. DNA replication is a fascinating process essential for life and organism development. However, replication takes place in fragile structures (replication forks), prone to break down and give rise to mutations and chromosomal abnormalities that drive cancer onset. To understand how replication forks are protected we employ a multidisciplinary approach combining state-of-the-art genomics and molecular genetics in the budding yeast model.

The group is currently searching for highly motivated young researchers interested in carrying out their research in a competitive international environment. The following positions are open:

- Post-doctoral researcher: Project focused on the development of genomic methodologies for the analysis DNA replication and genome integrity maintenance. A 1-year contract tentatively beginning at fall 2018 is offered, with the possibility of extension (previous experience in genomic data analysis and a competitive CV for application to European and Spanish postdoctoral fellowships will be valued).
- Pre-doctoral researcher: Project focused on the mechanisms granting fork protection in conditions of replicative stress and upon conflicts with transcription. A 4-year contract is offered, starting in 2019, funded through the Spanish researcher training program (FPI).

Candidates can informally contact Dr. Rodrigo Bermejo (rodrigo.bermejo@csic.es), or submit an application including a CV and motivation letter at their earliest convenience. (Post-doc position candidates are asked to submit enquires as soon as possible before mid-September).

Relevant Publications:

- Villa-Hernández et al. *Curr Genet* 2018.
- Frattini et al. *Mol Cell* 2017.
- Ferrari et al. *Mol Cell* 2017.
- Colosio et al. *NAR* 2016.
- Jossen et al. *Front Genetics* 2013
- Alzu et al. *Cell* 2012.
- Bermejo et al. *Mol Cell* 2012.
- Bermejo et al. *Cell* 2011.