POSTDOCTORAL RESEARCH OFFER:

A postdoctoral research contract is available to carry out studies in the context of a project leaded by Dr. Fernando Monje-Casas, staff scientist of the Spanish National Research Council (CSIC) and responsible of the "Cell division control" group at the Andalusian Center for Molecular Biology and Regenerative Medicine (CABIMER). In line with the general interest of the group, which tries to elucidate the mechanisms that ensure the maintenance of cells' ploidy during their division, the research to be developed during the contractual period will focus on the analysis of the problems that alterations in the activity of a key regulator of mitosis and meiosis determine on the integrity and the correct distribution of the genetic material during both processes.

Requirements:

- Highly competitive and motivated candidates that hold a PhD in Biology, Biotechnology, Biochemistry, Biomedicine or similar Life Sciences areas.
- Research experience with human cell line cultures.
- Correct knowledge of English language.

Additionally, international stays in Universities or Research Centers will be positively considered.

Interested candidates, please send their CV and recommendation letters to:
fernando.monje@cabimer.es.

If you want to know more:

a) "Cell division control" group webpage:

http://www.cabimer.es/web3/en/research-groups/cell-division-control/

b) Recent publications from the group:

- "Polo-like kinase acts as a molecular timer that safeguards the asymmetric fate of spindle microtubule-organizing centers". Matellán L, Manzano-López J, **Monje-Casas F**. *eLife* (2020). 2(9): e61488. doi: 10.7554/eLife.61488. Online ahead of print.
- "Asymmetric inheritance of spindle microtubule-organizing centers preserves replicative lifespan". Manzano-López J, Matellán L, Álvarez-Llamas A, Blanco-Mira JC, **Monje-Casas F**. *Nature Cell Biology* (2019). 21(8): 952-965. doi: 10.1038/s41556-019-0364-8.
- "Late rDNA condensation ensures timely Cdc14 release and coordination of mitotic exit signaling with nucleolar segregation". de los Santos-Velázquez AI, de Oya IG, Manzano-López J, **Monje-Casas F**. *Current Biology* (2017). 27(21):3248-3263.e5. doi: 10.1016/j.cub.2017.09.028.