

We are currently seeking a highly motivated and dedicated individual to join the **laboratory of Prof. Ralf Wellinger** for a period of **2,5 years** (until August 2026) as a full-time

### POST-DOCTORAL FELLOW

Ralf Wellinger is a Full Professor of Genetics at the University of Seville and leads the research group *Mitochondrial plasticity and replication* at the CABIMER since 2006. In close collaboration with Helene Gaillard, an Associated Professor of Genetics who joined the team in 2019, we aim at understanding the impact of micronutrient homeostasis on basic cellular processes including replication, cell cycle control, DNA damage and repair. For recent publication see:

<https://www.cabimer.es/en/research-groups/mitochondrial-plasticity-and-replication/>

Overexposure to manganese (Mn) leads to oxidative stress, disrupts cellular energy metabolism, and is a source of pathological conditions underlying neurodegeneration in humans. Accordingly, Mn neurotoxicity has been implicated in neurodegenerative diseases such as Parkinson related Manganism or Alzheimer's disease. To understand the molecular mechanisms that link Mn to human disease, we look for a postdoctoral fellow for the identification of new factors involved in manganese homeostasis and functional analysis of manganese (Mn) induced cell damage.

The ideal candidate for this position should hold a PhD in Molecular/Cellular Biology. Prior postdoctoral experience in a similar research area with first-author publications would be desirable. Proficiency in both written and spoken English is required, along with excellent communication and organizational skills. Expertise in microscopy, DNA and protein Molecular Biology techniques as well as human cell cultures would be advantageous.

For further information about the position, please contact Helene Gaillard at [gaillard@us.es](mailto:gaillard@us.es) or Ralf Wellinger at [wellinger@us.es](mailto:wellinger@us.es). The official call will be open in September. First contact by email should include full CV, motivations and contact details of two references.

The position is based at the Centro Andaluz de Biología Molecular & Medicina Regenerativa (CABIMER), Calle Américo Vespucio 24, in Seville, Spain. The expected start date is January 1<sup>st</sup>, 2024.

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