

Publish date March 23th 2023

Ref. 25/2023

Code:

Project: Innovative And Sustainable High Voltage Li -Ion Cells for Next Generation (Ev) Batteries (Intelligent)

Area: Advanced Materials for Energy

Area leader: Prof. Joan Ramon Morante

Group: Functional Nanomaterials Group

Group leader: Prof. ICREA Andreu Cabot

The Functional Nanomaterials Group in the Advanced Materials for Energy Area of IREC announces a two year postdoctoral research position available for a highly motivated candidate to work in the European project Intelligent: Innovative and Sustainable High Voltage Li -Ion Cells for Next Generation (EV) Batteries.

Postdoctoral Research Position

The Intelligent project will develop European generation 3b high voltage LIBs with increased energy density, charge acceptance and cycle-life compared to the state-of-the-art, while reducing cost and carbon footprint of the produced cells.

The candidate will focus on the synthesis of LNMO materials in aqueous media, their characterization and their use as cathode electrodes in the new LIB generation.

The candidate must have a PhD degree in Chemistry, Physics, Material Science or equivalent and previous experience on the synthesis of these compounds and on the fabrication and test of LIBs.

Additional information:

- CV, personal references and a motivation letter have to be sent to Dr. Andreu Cabot (acabot@irec.cat) and irecjobs@irec.cat), indicating "Ref.25/2023" in the subject.
- Deadline for applications: April 12nd 2023, 12:00 AM (Spanish local time)
- Incorporation: June 2023
- Duration of the contract: 12 months

The recruitment process will follow the guidelines of the European Charter of Researchers. Further information can be directly obtained from: Andreu Cabot (acabot@irec.cat).