

**Publish date:** 30/09/2024

**Deadline for application:** 7/10/2024

**Ref.** 25/017

**Project and/or research field (*línia recerca oficial*):** Healingbat

**Area:** Materials

**Group:** 133

**Group leader:** Andreu Cabot

**PI:** Andreu Cabot

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### **'Laboratory Technician position'**

#### **Description:**

The Functional Nanomaterials Group in the Advanced Materials for Energy Area of IREC announces a 12-month Laboratory Technician position available for a highly motivated candidate to work in the European project HealingBat: Advanced sensing, monitoring and self-healing mechanisms to self-repair batteries

The Healing Bat project will develop and implement self-healing concepts and materials in the key battery components, used in conventional Li-S batteries and extrapolate the designs and concepts to develop a new class of self-healing structural batteries based on Li-S

The candidate will focus on the synthesis of self-healing cathode materials for Li-S batteries, their characterization, their use to produce coin and pouch Li-S cells and the test of their properties.

#### **Qualifications and experience required:**

The candidate must have a Bachelor's degree in Chemistry, Physics, Material Science or equivalent and previous experience in the synthesis of nanomaterials and their electrochemical characterization.

#### **Required documents:**

Applicants must submit the following documents by email to [acabot@irec.cat](mailto:acabot@irec.cat).

#### **Reference:**

Curriculum Vitae, specifying the completed degree and any relevant professional experience.

#### **Offer of job position:**

We offer a Laboratory Technician Researcher position for 12 months in the framework of the HealingBat European project.

Salaries will be paid in accordance with IREC's salary policy, depending on the candidate's qualification and professional experience.