

## **ORDECA: Organic Radicals and Radical Dendrimers to improve the Magnetic Resonance Imaging.**

### **ADDRESSED PATHOLOGY:**

Cancer.

### **GENERAL OBJECTIVE:**

To design, synthesize and characterize a new type of organic radicals and radical dendrimers, as polarizing agents for Dynamic Nuclear Polarization (DNP) applications and contrast agents for MRI. Behaviour and properties related to DNP and MRI will be studied, as well as their toxicity.

### **PARTICIPANTS:**

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### **CLINICAL GROUP:**

- Dr. M<sup>a</sup>.Ángeles Muñoz. LIBM-HGUGM

### **EXTERNAL GROUP:**

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