

## **Stage II. Jan 2023-December 2023**

### **Design of composites containing mesoporous silica modified with inorganic nanoparticles – polyphenolic extract with antibacterial properties**

#### **Activities**

- A2.1 Obtaining and characterisation of modified MSN with inorganic nanoparticles (NP)
- A2.2 Optimisation of polyphenolic extract preparation
- A2.3 Obtaining of extract-loaded modified MSN
- A2.4 Evaluation of extract-loaded modified MSN properties
- A2.5 Dissemination of results.