

## **Dr. Irina ROȘCA, Post-Doc**

**Research Assistant:** 2012 – "Petru Poni" Institute of Macromolecular Chemistry;

2012: Associated lecturer, Faculty of Dental Medicine, "Apollonia" University from Iași, România; 2003 – 2010: Research Assistant – Faculty of Biology, "Alexandru Ioan Cuza" University, Iasi, Romania

**Education:** 2010: PhD in Biology, 2006: Master degree in "Ecosystems biodiversity and productivity"; 2004: Bachelor Degree in „Ecology and Environmental Protection in Biology”, Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi, Romania

**Expertise fields:** Microbiology

**Scientific achievements:** Testing newly synthesized drugs in terms of antimicrobial activity (antibacterial and antifungal) using pathogens found in nosocomial infections, such of Gram-positive bacteria (e.g. *Staphylococcus aureus*), Gram-negative bacteria (e.g. *Escherichia coli*) and also yeast strains (e.g. *Candida albicans*), using standard test methods. Testing the antifungal resistance of the wood covered with vegetable oils. 30+ publications in international journals; international impact/recognition in the field is reflected by: h-index (Google Scholar): 4, Number of citations >50.