



The biology area focuses on investigating cellular and molecular adaptations induced by physical exercise, chronic diseases—particularly cancer—and physical inactivity. It includes a biochemistry lab, a cell culture facility, and a rodent housing unit.

#### **Main equipment**

- Odyssey Infrared Imaging System - Western Blotting
- Synergey Microplate Reader (Bio-Tek) - Biochemistry analyses
- An X-band instrument EPR ECS 106 (Bruker) - ROS quantification and antioxidant capacities
- Microscope Axio Observer Z1 (Zeiss) - Cell culture imaging
- Experion Automated Electrophoresis System (Biorad )- RNA quality and quantification
- T100 Thermal Cycler (Biorad) - (PCR)
- CFX96 Touch Real-time PCR detection System (Biorad) - Q-PCR

#### **Contact**

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