

## Research Priorities UNNOBA

### **Laboratory of Materials and Structures (LEMEJ)**

*Research areas:* Characterization of wood for structural use. Urban forests and ecosystem services. Welding of steels using Projection Friction Stir Spot Welding. Development of Dual Phase steel in bar products (weldability and corrosion).

### **Institute of Technology Research and Transfer (ITT)**

*Research areas:* Technological innovation through hyper-automation. Artificial Intelligence for process innovation. Technological and methodological innovation in education.

### **Basic and Applied Research Center (CIBA)**

*Research areas:* Tumor microenvironment. Neuroendocrinology/pituitary physiology. Infection immunogenetics. Cognitive neuroimmunology.

### **Food Laboratory**

*Research areas:* plant proteases for the food industry, fermented beverages and foods, revalorization of food proteins, purification of antioxidant molecules for industries, extraction of bioactive compounds from fruit and vegetable waste.

### **Institute of Policy and Governance (IPG)**

*Research areas:* Small and midsize enterprises: quality, digital transformation, competitiveness, internationalization, innovation. Territorial Development. education, communication, culture and society. SDGs and social responsibility.

### **Animal Production Laboratory**

*Research areas:* Pig production. Animal nutrition and animal anatomy and physiology.

### **Bioinvestigations Center (CeBiO)**

*Research areas:* Genomics, proteomics and developmental biology. Insect genome analysis. Insect respiratory system development. Bioinformatics and genomic data analysis.

### **Limnology Laboratory**

*Research areas:* Aquatic microbial ecology. Surface water contamination (environmental and sanitary status of rivers and Pampean lagoons).

More information: <https://unnoba.edu.ar/secretaria-de-investigacion-desarrollo-y-transferencia-nucleos/>