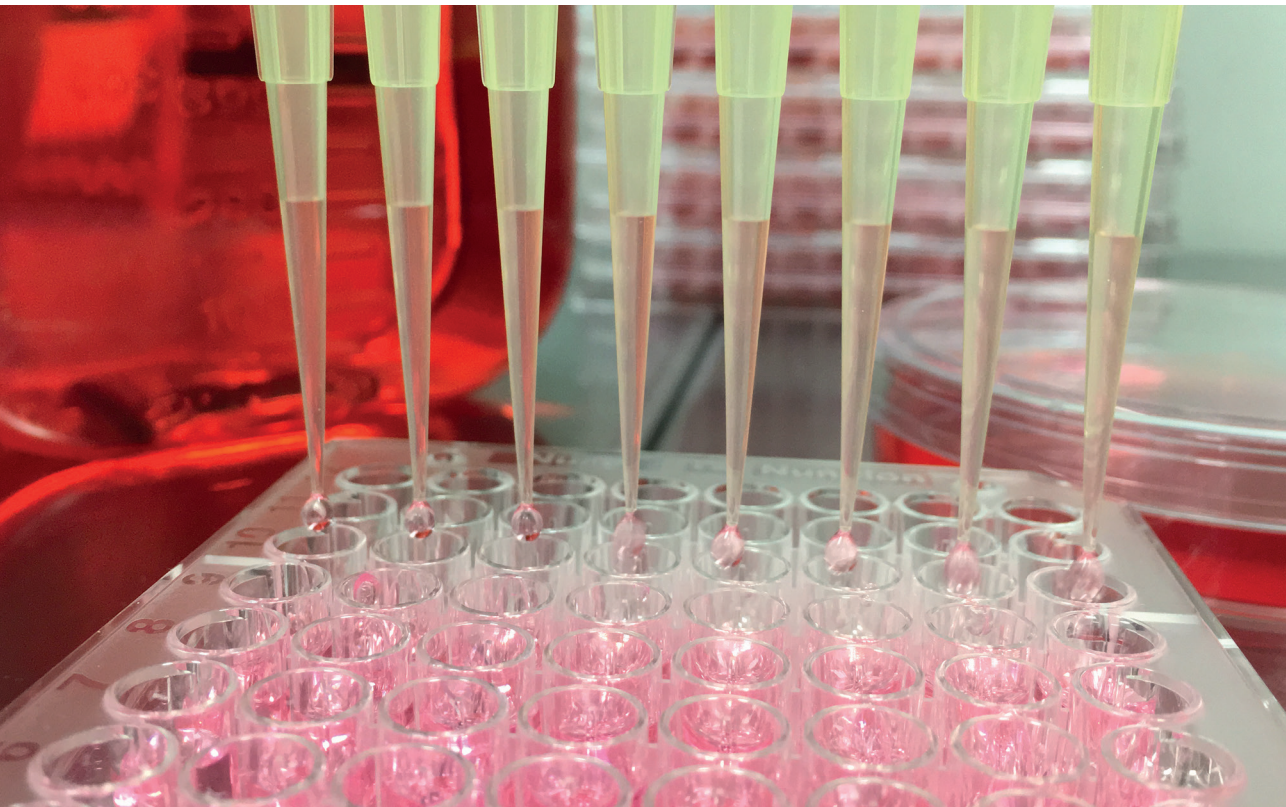


# Research support facilities





Research and knowledge transfer support facilities

## Research support facilities

The UAB has 14 Scientific and technical services and 42 Laboratory Services, which offer services for different areas:

- Biotechnology and Biomedicine
- Animal Production, Health and Food Science
- Environmental Science and Sustainability
- Technology and Experimental Science
- Social Science and Humanities

SCIENTIFIC AND TECHNICAL SERVICES

14

LABORATORY SERVICES

42

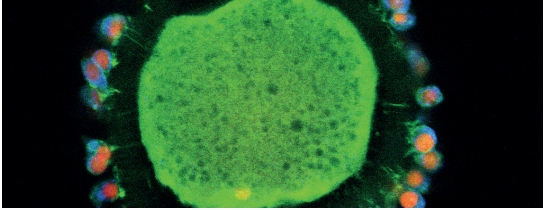
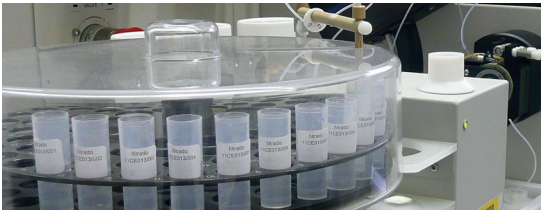
The UAB Scientific and Technical Services are made up of facilities including infrastructures and large-scale equipments dedicated to offering specialised technical services. Highly qualified technicians receiving continuous training in their field are available to offer tailor-made technical assessment and support.

The laboratories and support services offered by the university are structured to aid sectors in their research, innovation and knowledge transfer.

An important part of these resources goes towards offering support to UAB academic and research activities. Nonetheless, the industrial sector and other external users are also welcomed to use a wide variety of the services available.

# UAB Scientific and Technical Services

Biological analysis	Cell Culture, Antibody and cytometry Service (SCAC) Proteomics and Structural Biology Service (SePBioEs) Genomics and Bioinformatics Service (SGB) Laboratory of Luminescence and Spectroscopy of Biomolecules (LLEB) Nuclear Magnetic Resonance Service (SeRMN)
Structural analysis	Chemical Analysis Service (SAQ) X-ray Diffraction Service (SDRX) Microscopy Service (SM) Nuclear Magnetic Resonance Service (SeRMN)
Chemical analysis	Chemical Analysis Service (SAQ) Nuclear Magnetic Resonance Service (SeRMN)
Territory Analysis	Laboratory of Geographical Information and Remote Sensing (LIGIT)
Animal experimentation	Animal Facility (SE) Service of Farms and Experimental Fields (SGCE) Nuclear Magnetic Resonance Service (SeRMN)
Food production experimentation	Food Technology pilot plant service (SPTA)
Transversal	Technical Unit for Radiological Protection (UTPR) Applied Statistics Service (SEA)





# Laboratory of Geographical Information and Remote Sensing (LIGIT)

The LIGIT is mainly dedicated to the computerized processing of geographic information (both cartographic and alphanumeric). The goal is to produce information about the territory and organize it into geographic information systems (databases that contain both thematic information and the geometric definition of the elements) to facilitate querying, management and territorial analysis, through applications of Geographic Information Systems (GIS) multiplatform (desktop, web and apps).

## Services

- Access to specialized GIS software, hardware and related specific services.
- Digitalization and access to geographic information bases. Georeferencing
- Advice on GIS application.
- Design and development of geographic information technology.
- Design and development of multiplatform GIS services and applications for the management and querying of territorial information.
- GIS Campus management.
- Land Studies and analysis: infrastructure alternatives, simulations, environmental impact assessment (EIA).
- Geoenvironmental and geological cartography: georeferencing, 3D models, spatial plans, landscape.
- Scanning and printing of large format documents.
- Hosting geoservices and webSIG applications.
- Equipment rental (pcs, scanner, gps) and specific spaces (classroom) for work with geographic information and technology.
- Continuous and specific training in Geographic Information Technologies.

## Application areas

Environmental Science and Sustainability  
Social Science and Humanities  
Technology and Experimental Science

## Contact

Miguel Ángel Vargas García

Tel. (+34) 93 581 18 91  
ligit@uab.cat  
Web: <http://www.uab.cat/ligit>

Edifici B  
C/ de la Fortuna · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



# Laboratory of Luminescence and Spectroscopy of Biomolecules (LLEB)

The Laboratory of Luminescence and Spectroscopy of Biomolecules (LLEB) encompass the equipment and human resources necessary to apply the techniques for the detection, analysis and quantification of nucleic acids or proteins for the study of samples obtained in the field of Biosciences.

## Services

- DNA amplification using PCR,
- Genetic expression analysis using quantitative PCR (qPCR) 96 or 384 wells or Droplet Digital PCR (ddPCR)
- Copy number variation studies (CNV) or detection and mutation quantification using droplet digital PCR (ddPCR9)
- Imaging acquisition and analysis of nucleic acids or proteins electrophoretic gels using colorimetric, fluorescent or chemiluminescent markers (western blot).
- Imaging acquisition and analysis of biological samples stained with colorimetric or fluorescent markers.
- Multilabel and multitask plate reader, suitable for fluorescence (both top and bottom reading), luminescence or absorbance kinetics.
- UV and fluorescent spectroscopy studies of samples in solution.
- Fluorescent spectroscopy analysis of solid samples.
- Automated nucleic acid extraction system (DNA and RNA)
- Microfluidic electrophoresis for nucleic acids and proteins.
- Circular Dichroism (CD) spectroscopy analysis.
- PCR, qPCR and ddPCR reagents.
- Specific training courses for PCR, qPCR and ddPCR.

## Application areas

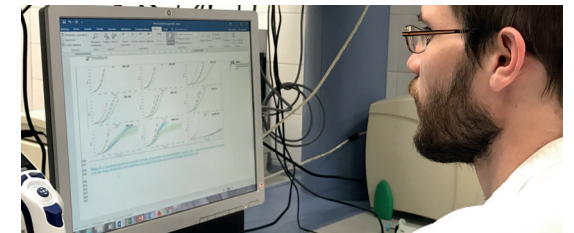
Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Technology and Experimental Science

## Contact

Dr. Salvador Bartolomé

Tel. (+34) 93 581 30 74  
lleb@uab.cat  
Web: <http://sct.uab.cat/lleb>

Edifici C  
C/ de la Vall Moronta- Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Chemical Analysis Service (SAQ)

The purpose of the Chemical Analysis Service is to support research by using the analytical instrumentation with which it is equipped. SAQ performs chemical analysis in multitude of materials, both in investigation and in control of raw materials, advices in the resolution of analytical problems, develops and validates specific procedures for the resolution of concrete problems.

### Services

- Inorganic elemental analysis by inductively coupled plasma atomic emission spectrometry (ICP-OES), or inductively coupled plasma mass spectrometry (ICP-MS).
- Direct Mercury Analysis.
- Organic elemental analysis C, H, N, S in biological samples, soils, synthesis products, pharmaceuticals, industrial products, waste samples, etc.
- Determination of the composition of mixtures of volatile or semi-volatile substances by gas chromatography with FID detection or mass spectrometry, with direct injection, or ELSD, or mass spectrometry (ion trap, QTOF).
- Determination of the composition of mixtures of non-volatile substances by liquid chromatography, with UV-vis and / or ELSD detection, and / or mass spectrometry (ion trap, QTOF).
- Characterization of optical activity by circular dichroism UV-vis; determination of specific rotation.
- Characterization of functional groups by FT-IR spectrophotometry (ATR).
- Registration of UV-vis spectra and quantitative analysis.
- Mineralization of samples by digestion at high pressure in microwave oven.
- Analytical advice, development of specific methodologies, validation of analytical procedures.
- Training courses on demand at ICP-MS, GC, LC, MS.

### Application areas

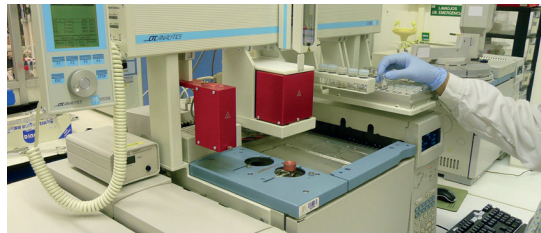
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Technology and Experimental Science

### Contact

Dra. Alba Eustaquio

Tel. (+34) 93 581 12 91  
s.analisi.quimica@uab.cat  
Web: <http://sct.uab.cat/saq>

Edifici C  
C/ dels Til·lers · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Cell Culture, Antibody production and Citometry Service (SCAC)

Cell Culture, Antibody Production and Citometry Service (SCAC) provides scientific and technical support in the field of biosciences, using cell culture technology and analyzing and sorting different cell populations by flow cytometry. We are also experts in the production of mono and polyclonal antibodies and in the immunoassays development.

### Services

- Establishment of primary culture from different tissues.
- Cell lines immortalization.
- Cell line expansion and banking in liquid nitrogen.
- Detection and elimination of mycoplasma contamination in cell cultures.
- In vitro cell culture assays: proliferation, cytotoxicity and apoptosis.
- Flow cytometry for the multicolor analysis of cell populations and microorganisms, functional studies, viability and apoptosis analysis, and proliferation and cell cycle analysis, among others.
- Cell sorting of heterogeneous populations and single cell cloning by FACS (Fluorescence activated cell sorting).
- Polyclonal and monoclonal antibody production.
- Hybridoma culture for the obtention of purified monoclonal antibodies batches.
- Conjugation of antibodies and / or antigens to enzymes and fluorophores.
- Characterization and validation of monoclonal antibodies.
- Assessment and development of antibody-based immunoassays (ELISA, western blot, ...).
- Scientific and technical support and personalized training.

### Application areas

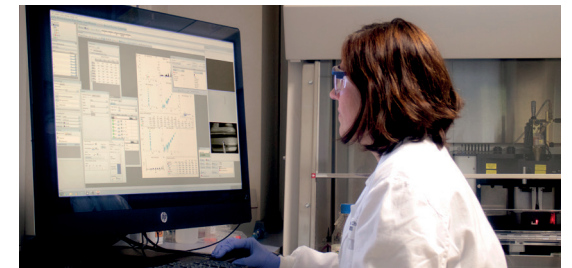
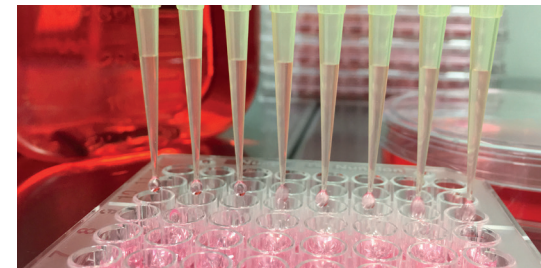
Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Technology and Experimental Science

### Contact

Dra. Francisca García

Tel. (+34) 93 586 89 46  
scac@uab.cat  
Web: <http://sct.uab.cat/scac/>

Mòdul de Recerca B (MRB)  
C/ de la Vinya · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)





## X-ray Diffraction Service (SRDX)

The Service has the suitable equipment and knowledge for dealing with X-ray diffraction (powder and single crystal techniques). Samples usually come from the fields of Geology, Chemistry, Physics, Biochemistry and Material Science but also from other fields such as Archaeology, Medicine and so on.

### Services

- Crystal structure determination: atomic connectivity, molecular geometrical parameters as bond lengths, bond angles, torsion angles, coordination polyhedron, configuration determination, study of weak interactions (hydrogen bond, secondary bonds, pi interactions and so on), crystal packing study, cell parameter determination, etc.
- Solid phase qualitative analysis: identification and characterization by powder diffraction. Unit cell determination. Study of powdered samples as well as metallurgic pieces, paintings, coatings, archaeological pieces, etc.
- Solid phase quantitative analysis.
- Temperature diffraction: single crystal and powdered samples. Phase transition studies.
- Studies on crystal polymorphism, solvates and co-crystals.

### Application areas

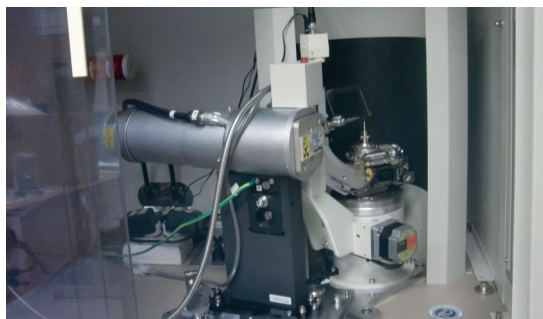
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Social Science and Humanities  
Technology and Experimental Science

### Contact

Dr. Àngel Álvarez

Tel. (+34) 93 581 26 21  
s.raigsx@uab.cat  
Web: <http://sct.uab.cat/sdrx/>

Edifici C  
C/ de la Vall Moronta· Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Rodent animal facility (SE)

The Rodent animal facility (Servei d'Estabulari) of the UAB is dedicated to the generation and housing of animals used in scientific studies. There are boxes to house, both commercially available and genetically modified, rodents (rats, mice and hamsters). The Rodent animal facility allows conducting studies in basic and applied research in fields such as neuropsychology, cancer, physiology, toxicology, psychology, reproduction, clonation and others.

### Services

- To buy rodents from external providers.
- In house rodent production.
- Housing of the animals in scientific studies either in conventional conditions or under barrier.
- Technical help in the execution of the studies.
- Veterinary support on animal health.
- Health monitoring of the animals.
- Experimental animal welfare support in the project application process (CEEa and GdC).

### Application areas

Biotechnology and Biomedicine  
Animal Production, Health and Food Science

### Contact

Dr. Pedro José Otaegui

Tel. (+34) 93 581 14 74  
s.estabulari@uab.cat  
Web: <http://sct.uab.cat/estabulari>

Edifici Estabulario  
C/ de la Vall Moronta · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Applied Statistics Service (SEA)

Applied Statistics Service (SEA) offers statistical consulting and technical advice in data analysis. SEA offers services aimed at the development of research projects and knowledge transfer through specialized consulting, on-demand services, expert reports and technical training in different areas among which we would highlight biostatistics, industrial production, social sciences, finances and risk management.

### Services

- Design of experiments: sampling plan, sample size calculations.
- Data processing: validation, transformations, missing data processing.
- Exploratory data analysis: descriptive, univariate, bivariate analysis.
- Statistical modeling: linear, generalized, mixed models, survival analysis, ROC curves, time series, extreme values, Bayesian techniques.
- Predictive modeling: machine learning techniques.
- Segmentation: factorial analysis, principal component analysis (PCA), cluster analysis.
- Training in statistical techniques.

### Application areas

Transversal

#### Contact

Llorenç Badiella

Tel. (+34) 93 581 13 47  
s.estadistica@uab.cat  
Web: <http://sct.uab.cat/estadistica/>

Edifici CM7  
C/ de Can Magrans · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Proteomics and Structural Biology Service (SepBioEs)

The Proteomics and Structural Biology Service (sePBioEs) offers protein design, production, functional and structural characterization services through techniques of molecular biology, genetic engineering, DNA recognition, heterologous expression systems and X-ray crystallography.

### Services

- Design and production of expression plasmids through molecular cloning.
- Protein bioproduction in prokaryotic and eukaryotic expression systems.
- Protein purification by liquid chromatography systems.
- Protein cryopreservation.
- Protein and protein complexes crystallization by using automated equipment with 96 different conditions or manually with 24 conditions.
- Three-dimensional protein structure determination through X-ray diffraction.
- Self-service access to cellular culture incubators and automated liquid chromatography system (FPLC-AKTA) for protein purification.

### Application areas

Biotechnology and Biomedicine

Animal Production, Health and Food Science

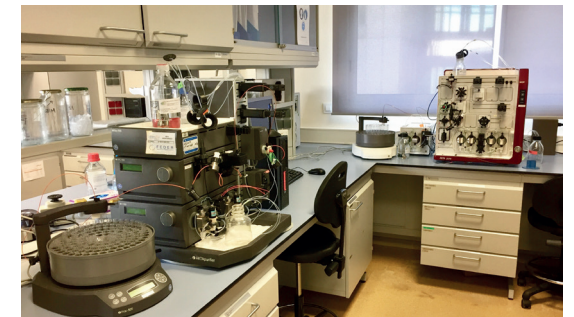
Environmental Science and Sustainability

#### Contact

Dr. David Reverter

Tel. (+34) 93 586 89 61  
sepbioes@uab.cat  
Web: <http://sct.uab.cat/sepbio>

Mòdul de Recerca B (MRB)  
C/ de la Vinya · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)





## Nuclear Magnetic Resonance Service (SeRMN)

The main objective of Nuclear Magnetic Resonance Service is to make and facilitate the acquisition, processing, analysis and Interpretation of spectroscopic and imaging data obtained using Nuclear Magnetic Resonance (NMR) techniques.

### Services

- Acquisition of mono- and multidimensional multinuclear NMR spectra of samples in solution conditions for the structural characterization of chemical compounds and resolution of analytical problems. Spectrometers from 250 MHz to 600 MHz.
- Structural and dynamic studies of biomolecules (peptides, proteins, nucleic acids, etc.) in solution. Ligand-protein interaction studies.
- Analysis of complex mixtures. Identification of components. Detection and characterization of impurities. Quantitative analysis.
- Metabolomic studies in the fields of food science and technology, biomedicine and pharmaceutical industry.
- Multinuclear NMR analysis in solid-state conditions (CP-MAS) at 400 MHz.
- Analysis of semi-solid / semi-liquid samples for high resolution techniques under magic-angle spinning conditions (HR-MAS 1H, 13C and 31P) at 400 MHz.
- Characterization of mixtures through the combined use of automated liquid chromatography, NMR and mass spectrometry techniques using a cryoprobe (HPLC-RMN / MS of 1H, 13C and 15N) at 500 MHz.
- Non-invasive analysis of small animals, foods and plants using magnetic resonance imaging (MRI) techniques and 1H, 13C and/or 31P localized NMR spectroscopy at 7T.
- Application of hyperpolarization techniques through dissolution Nuclear Dynamic Polarization (DNP) to increase sensitivity in in-vitro 13C NMR (600 MHz) and In-vivo MRI (7T) studies.
- Theoretical-practical training courses at the SeRMN facility or in the laboratory of the applicant organization.
- Advice and / or direct participation in experimental design and in the analysis/ interpretation of NMR data.

### Application areas

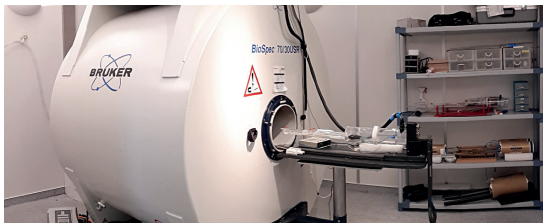
Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Technology and Experimental Science

### Contact

Dr. Teodor Parella

Tel. (+34) 93 581 22 91  
s.rmn@uab.cat  
Web: <http://sct.uab.cat/sermn>

Edifici C  
C/ de la Vall Moronta · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



## Genomics and Bioinformatics Service (SGB)

The Genomics and Bioinformatics Service (SGB) aims to provide scientific-technical support in the molecular analysis of nucleic acids (DNA, RNA) as well as in the interpretation of the data generated. The origin of the samples that are analyzed can be human, animal, plant or microbial and specific analyzes or global projects can be carried out.

### Services

- DNA and RNA extractions
- Nucleic acids quantifications
- RNA and DNA quality assessment
- DNA Sanger Sequencing with capillary electrophoresis
- Nucleic acids Sequencing with massive parallel sequencing (NGS)
- Nucleic acids amplification with real-time polymerase chain reaction (RT-PCR) techniques
- Bioinformatics analysis of genomic data
- Programming courses: Perl, Python, Linux, etc.
- Advising and training in genomics and bioinformatics

### Application areas

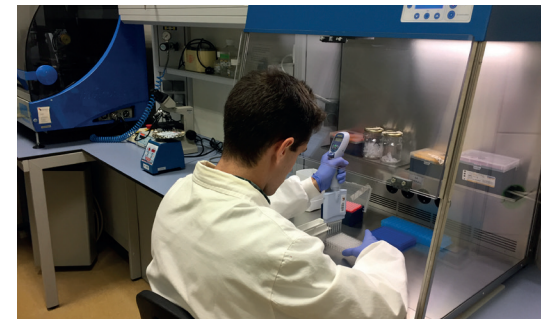
Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Environmental Science and Sustainability

### Contact

Dra. Anna Barceló

Tel. (+34) 93 586 89 47  
sgb@uab.cat  
Web: <http://sct.uab.cat/genomica-bioinformatica/>

Mòdul de Recerca B (MRB)  
C/ de la Vinya · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



# Experimental Farm and Fields Service (SGCE)

The Experimental Farm and Fields Service dispose of spaces, facilities, material equipment and personnel as to support research requiring the use of animals or plants. Its functions consist on the maintenance of the animals in a good welfare state, and organizing and developing studies with different farm animal species. All projects are developed with the authorization of the UAB Committee for animal research

## Services

- Acquisition of animals of different species from external suppliers.
- Accommodation and maintenance of animals under standard farm conditions with productivity or teaching objectives of bovine, ovine, caprine, porcine, canine, avian and rabbits.
- Accommodation and maintenance of animals, under experimental conditions of bovine, ovine, caprine, porcine, canine, avian, rabbit and equine.
- Accommodation and maintenance of pigs and chicken under conditions of Bio-SafetyLevel 2 (BSL2)
- Maintenance and management of farmland spaces and experimental fields.
- Maintenance of the landscape and agricultural biodiversity of the campus.
- Advice on animal welfare and presentation of projects to Ethics Committee
- Advice on Bio-Safety projects

## Application areas

Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Social Science and Humanities

## Contact

Ramon Costa  
  
Tel. (+34) 93 581 34 40  
s.granges.camps@uab.cat  
Web: <http://sct.uab.cat/sgce/>  
  
Edifici V  
C/ de les Granges · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



# Core Microscopy Facility (SM)

SM has the infrastructure required for most of the scientific experimental fields that need to use advanced optical and electronic techniques.

## Services

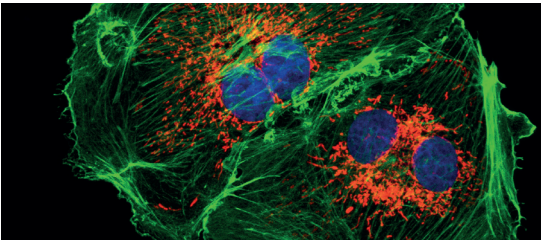
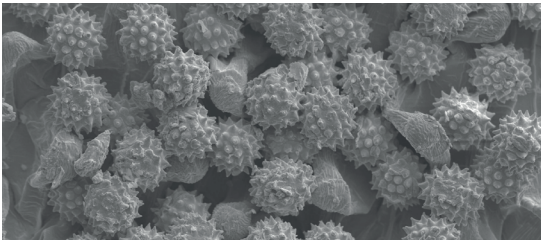
- Advice in the experimental design and sample preparation of materials samples for Electron Microscopy (SEM and TEM), using metal coaters (Au, C, Cr), saw, planar and dimple polishing, ion polishing and vitrification.
- Sample preparation of biological samples (suspensions, dry samples, cells and tissues...) for Electron Microscopy: ultrastructure studies (negative staining among others).
- Observation of materials and biological samples with SEM. Microscopes available: SEM Zeiss EVO and FE-SEM Zeiss Merlin (check in the website for specific properties).
- Observation of materials and biological samples with TEM. Microscopes available: TEM Jeol 2011 (200kV) and TEM Jeol 1400 (120kV) (check in the website for specific properties).
- Advice in the experimental design and sample preparation of materials and biological samples for optical microscopy such as immunofluorescence, among others.
- Observation of materials and biological samples for brightfield microscopy and fluorescence microscopy in both epifluorescence mode and confocal mode (lambdascan, 3D projections, timelapse, TileScan (mosaics)...). Microscopes available: Leica TCS SP5 and Olympus Fluoview 1000 (check in the website for specific properties).
- Advanced Optical Techniques: colocalization, FRET, FRAP, fotoactivation and fotoconversion, chromophore-assisted light inactivation (CALI), Second Harmonic Generation (SHG), 2-photon, TIRF, topographic profiles, among others.
- Image processing, analysis and programming with specific software depending on the application (IMARIS, ImageJ/Fiji, Metamorph, Huygens, LAS AF, etc).

## Application areas

Biotechnology and Biomedicine  
Animal Production, Health and Food Science  
Environmental Science and Sustainability  
Social Science and Humanities  
Technology and Experimental Science

## Contact

Núria Barba  
  
Tel. (+34) 93 581 20 90  
s.microscopia@uab.cat  
Web: <http://sct.uab.cat/microscopia>  
  
Edifici C  
C/ de la Vall Moronta · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)





# Food Technology pilot plant service (SPTA)

The food technology pilot plant service (SPTA) provides consulting services, assistance and technical training to the scientific and business community in the field of food processing in R&D, as well as support to the teaching staff in the realization of practical lessons with the equipment and food processing facilities of the Pilot plant.

## Services

- Food preparation with standard and / or modified processes or formulations for study and evolution (possibility of aseptic packaging).
- Defect detection, modification, adjustment and improvement of food processes
- Preparation of small food productions to carry out “consumer tests” and life studies.
- Assessment of “New Technologies” for food processing and preservation.
- Study and application of transversal technologies (food, emulsions, solutions, ingredients, cosmetics, pharmaceuticals, chemicals, packaging, new materials, energy consumption,...).
- Transversal processes (pasteurization, UHT sterilization, autoclave, homogenization, UHPH, high HHP pressures, UVC light on surfaces and liquids with continuous reactors, N2 freezes, packaging MAP,...).
- Advice on food processes, treatment conditions, adaptation of facilities and experimental design in R&D.
- Rental of equipment, spaces and facilities with or without technicians (according on user’s experience and equipment).
- Tailored courses for technical personnel (production, quality, R&D, regulations...) in food processes and technology.

## Application areas

Animal Production, Health and Food Science  
Food production experimentation

### Contact

Joan Miquel Quevedo

Tel. 93 581 19 56  
spta@uab.cat  
Web: <http://sct.uab.cat/spta/>

Edifici SPTA  
C/ de l’Hospital, s/n · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



# Radiological Protection Technical Unit (UTPR)

The main functions of the Radiological Protection Technical Unit (UTPR) are to advice, control, measure and certify that a radioactive or radiology facilities complies with the current legislation on radiation protection. The Nuclear Safety Council has authorised to UTPR to provides legal coverage to facilities, laboratories and / or equipment that somehow carry out some type of radioactive activity. The UTPR covers mainly all the facilities, laboratories and/or equipment that belong to the university community (UAB) and that in some way carry out some type of radioactive activity. In addition, this service is also offered, if that so request, to all entities external to the UAB, whether public or private.

## Services

- Advice on legislation on radiation protection.
- Preparation of technical-legal documents and procedures:
  - Redaction of annual reports and request for authorization or modification of the facilities.
  - Security studies
  - Assessment of hazards and estimation of personnel dose
  - Calculation of shielding
- Facilities controls:
  - Levels of radiation and contamination
  - Leak test of sealed sources
- Radioactive waste management:
  - Calculations of declassification of radioactive waste.
  - Procedures for the optimization of radioactive waste management
- Verifications of radiation and contamination detectors
- Prototype tests for equipment that requests type approval.

## Application areas

Transversal

### Contact

Fermina Pérez

Tel. (+34) 93 581 34 52  
utpr@uab.es  
Web: <http://utpr.uab.cat>

Edifici M  
C/ de la Vinya · Campus UAB  
08193 Bellaterra  
(Cerdanyola del Vallès)



# Laboratory Services

	Biotechnology and Biomedicine	Food science, animal health and production	Health Sciences	Environmental sciences and sustainability	Social sciences and humanities	Technologies and experimental sciences	Transversal
Adoption, Family and Childhood Services Center (AFIN)			●		●		
Organizational Development Team (EDO)					●		
Laboratory of Stable Isotope Analysis (LAIE)		●		●	●		
Laboratory of Palinological Analysis (LAP)		●	●	●			
Food Biosecurity Laboratory (LBA)		●					
Biological Dosing Laboratory (LDB)	●		●				
Chemical Speciation Laboratory (LEQ)	●	●		●		●	
Laboratory of Magnetic and Thermal Measurements (LMT)	●					●	
Laboratory of Electronic Prototype Assembly for Embedded Systems (LaMPES)						●	
Reference Laboratory of Clinical Enzymology (LREC)	●		●				
Lab. of analysis of hormonal, stress, welfare and animal reproduction indicators (LAIHA)	●	●	●	●			
Laboratory of Technologies for Audiovisual Translation (LABTTAV)							●
Infectious Diseases Diagnosis Veterinary Laboratory (LVDMI)		●					
Fermentation Pilot Plant (PPF)	●	●	●				
Mouse Image Platform (PIR)		●					
Operating Rooms of Experimental Surgery (QC)		●					
Rodent Behavioral Core (RBC)		●	●				
Archaeological Analysis Service (SAA)					●		
Drug Analysis Service (SAF)	●	●	●	●			
Chromosomal Fragility Analysis Service (SAFCro)	●		●				
Service of Analysis and Applications of Microbiological (SAIAM)	●	●	●				

	Biotechnology and Biomedicine	Food science, animal health and production	Health Sciences	Environmental sciences and sustainability	Social sciences and humanities	Technologies and experimental sciences	Transversal
Mutagen Evaluation Service (SAMut)	●		●				
Veterinary Clinic Biochemistry Service (SBCV)	●	●				●	
Mathematical Consulting Service (MCS)							●
Dating Service for Tritium and Carbonium 14 (SDTC14)						●	
Pathological Fish Diagnosis Service (SDPP)	●	●		●			
Service of Veterinary Pathology Diagnostic (SDPV)		●	●				
Wildlife Ecopathology Service (SEFaS)		●	●	●			
Endocrinology and Radioimmunoanalysis Service (SER)	●		●				
Legal Studies and Legal Service (SEDIJ)					●		
Service of Inorgànic Geochemistry for Paleocceanography (SIGPO)				●			
Veterinary Clinic Hematology Service (SHCV)		●	●				
Neurobiological Research Service (SIN)	●		●				
Service of Nutrition and Animal Welfare (SNIBA)		●					
Psychology and Speech Therapy Services (SPL)			●		●		
Equine Reproduction Service (SRE)	●	●					
Environmental Forensic Service (ENVIFORENSIC)				●			
Integrated Animal Laboratory Services (SIAL)	●	●	●				
Bacteriology and Mycology Veterinary Service (SVBM)	●	●	●	●			
Molecular Genetics Veterinary Service (SVGm)		●					
Unit of Murine and compared Pathology (UPMiC)	●		●				
Viral Vector Production Unit (UPV)	●		●			●	



## UAB Scientific and Technical Services

[serveis.cientificotecnics@uab.cat](mailto:serveis.cientificotecnics@uab.cat)

[www.uab.cat/serveis-cientifico-tecnics](http://www.uab.cat/serveis-cientifico-tecnics)



Generalitat de Catalunya  
Departament d'Empresa i Coneixement  
**Secretaria d'Universitats i Recerca**



**Unió Europea**  
Fons Europeu  
de Desenvolupament Regional



**Obra Social "la Caixa"**