

A UNIQUE ENVIRONMENT

The CRG is located in the wonderful city of Barcelona; it is part of the Barcelona Biomedical Research Park (PRBB) and is physically connected to the Hospital del Mar. The PRBB groups together different institutions, including the Experimental and Health Sciences Department of Pompeu Fabra University, the Hospital del Mar Medical Research Institute, the Centre of Regenerative Medicine in Barcelona, the Centre for Research in Environmental Epidemiology, and the Institute of Evolutionary Biology, creating a critical mass of biomedical research.

The CRG is situated near Barceloneta beach, next to the Olympic Harbour, in a modern, upmarket district of the city with a high recreational and cultural value.



Centre for Genomic Regulation

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Members of the Board of Trustees:



Biomedical science
for the benefit of society



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY



The Centre for Genomic Regulation (CRG) is an international biomedical research institute of excellence, created in December 2000. It is a non-profit foundation funded by the Catalan Government through the departments of Economy & Knowledge and Health, the Spanish Ministry of Economy and Competitiveness, and includes the participation of Pompeu Fabra University (UPF).

The mission of the CRG is to discover and advance knowledge for the benefit of society, public health and economic prosperity.

The CRG believes that the medicine of the future depends on the groundbreaking science of today. This requires an interdisciplinary scientific team focused on understanding the complexity of life from the genome and the cell up to an entire organism and its interaction with the environment, offering an integrated view of genetic diseases.

The CRG's main goals are: a) to be a world-leading centre in biomedical science; b) to communicate and establish a bilateral dialogue with society; c) to provide advanced training for the next generation of scientists; and d) to transform new scientific knowledge into benefits for health and economic value for society.

RESEARCH PROGRAMMES

Presently the CRG has 4 programmes:

- > Bioinformatics and Genomics,
- > Cell and Developmental Biology,
- > Gene Regulation, Stem Cells and Cancer
- > Systems Biology, including the EMBL/CRG Systems Biology Research Unit,

Each programme consists of a varying number of independent research groups.

Group leaders at the CRG are recruited internationally and receive support from the centre to set up and run their groups. An external Scientific Advisory Board periodically evaluates all of the principal investigators. The results of these evaluations determine their future at the CRG, independently of whether they have open-ended or fixed-term contracts. This ensures high standards of excellence in science as well as the mobility and renewal of the workforce.



CORE FACILITIES

The CRG offers state-of-the-art core facilities, as well as access to the modern animal house of the PRBB.

- > Genomics: Genotyping, Microarrays, Deep Sequencing
- > Bioinformatics
- > Advanced Light Microscopy, super-resolution
- > Biomolecular Screening & Protein Technologies
- > FACS
- > Proteomics
- > Histopathology (in-house service)



TRAINING

The CRG is devoted to excellent training at all the stages of a career in life sciences. The Training Programme covers training-through-research, hands-on and theoretical courses, conferences and seminars with leading guest speakers and internal data and journal clubs, to empower researchers with new skills and abilities. A highlight of the Training Programme is the Courses@CRG series, which covers a wide range of topics, from practical scientific to technological courses.

Career development and transferable skills are provided by the CRG through tailor-made training and the INTERVALS Career Development Programme offered to all PRBB residents.

The CRG hosts a Graduate Committee and a Postdoctoral Committee, offering International PhD and Multidisciplinary Postdoctoral Programmes, as well as a Summer Internship Programme, providing undergraduate students with the opportunity to carry out a research project during the summer period.



TECHNOLOGY TRANSFER

The CRG is committed to technology transfer. Its mission is to facilitate the exploitation of research results for the public good and to contribute to the economic growth of the life sciences sector in the region. The aim is to develop the scientific results generated at the CRG into new therapeutic and diagnostic products, amongst others, in order to contribute to the wellbeing of society.

OUTREACH ACTIVITIES

Public understanding of science is a major concern of the CRG, which offers a wide range of activities within this area, including scientific cafés, "easy science" conferences, workshops for primary and high school students, summer internships, scientific model contests and open days.



SCIENCE MANAGEMENT

There is a multidisciplinary team devoted to efficiently manage and solve all the administrative issues involved in scientific research.