

## General Information

## First Year classes

## Second Year classes

**Basic knowledge in the field of cell and gene therapy**

**Recent advances in cell and gene research**

**Education of current biomedical techniques**

**Practical training and demos in biomedical techniques**

Further information and registration:  
<http://gf.vub.ac.be/master-cgt>

Adult Stem and Progenitor Cells  
Embryonic Stem Cells  
Gene Therapy  
Life Sciences, from basis to guide  
Mechanisms of Cell Death  
Molecular Targets in Cancer Cells  
Molecular Targets in Infected Cells  
Tissue Biology and Engineering  
Data Analysis

Medical Research Seminars  
Orientation training  
Introduction to the Master Thesis

Beta Cell Therapy in Diabetes  
Hematopoietic Cell Therapies  
Genetics and Reproduction  
Manipulation of the Immune System  
Molecular Imaging  
Cell Therapy in Neurodegenerative Diseases

Seminars, visits and demonstrations  
Journal and Data Clubs  
Master Thesis

## General Information:

The purpose of this programme is to up-date basic knowledge in the field of cell and gene therapy, to review recent advances in the medical research behind cell and gene therapy and to teach the current biomedical techniques that are important in this field. By doing so, it trains for a career in medical research.

It offers classes related to the field of cell and gene therapy and is embedded in the research carried out in the affiliated departments and their research laboratories. As such the programme also prepares for a Ph.D. in Medical Sciences among its best graduates.

Lectures, courses and corollary activities are organized in packages concentrated on a particular area in medical research. Students are expected to actively participate in all parts of the programme.

Students choose the subject of their thesis as well as the laboratory where this work will be carried out. The course coordinator and the class coordinators assist the participants in the selection of a thesis-subject and laboratory.

For more information:

<http://gf.vub.ac.be/master-cgt>

Course coordinator:

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## Location:

### Faculty of Medicine and Pharmacy

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More information on our university:  
<http://www.vub.ac.be/english>



Vrije Universiteit Brussel

Faculty of Medicine and Pharmacy

## MASTER OF BIOMEDICAL SCIENCES IN CELL AND GENE THERAPY

A 2-year programme in English and taught mainly on Thursdays and Fridays



<http://gf.vub.ac.be/master-cgt>