



Enikö Kallay  
Coordinator of the project

### Dear colleague,

CaSR Biomedicine is an EU-funded international PhD-programme. CaSR Biomedicine will investigate the role of the Calcium-Sensing Receptor (CaSR) in Non-Communicable Diseases such as Alzheimer's, cardiovascular disease, diabetes and cancer. It is a European Training Network (ETN) - part of the Marie Skłodowska-Curie Actions framework.

#### CaSR Biomedicine ETN

- is a multidisciplinary, intersectoral scientific training programme
- will investigate whether existing CaSR-targeting drugs may be repurposed for the management of non-communicable diseases
- will prepare 14 young early stage researchers (ESRs) to become specialists in GPCR biology
- will train the ESRs in research & science communication
- will expose the ESRs to academic and non-academic sectors and
- will significantly enhance ESR employability by delivering a broad range of technical and transferable skills and professional experience needed for a wide spectrum of career opportunities

It would be a great pleasure for me to welcome you in this programme.

#### Ph.D. students will be hosted by the following institutions/ partners of „ETN-CaSR-Biomedicine“:

Medical University of Vienna (AT)  
 University of Oxford (UK)  
 Université de Picardie Jules Verne (F)  
 Cardiff University (UK)  
 University of Manchester (UK)  
 University of Florence (I)  
 Fundació Sant Joan de Deu, Barcelona (E)  
 University of Copenhagen (DK)  
 University of Liverpool (UK)  
 Stichting VU-VUMC, Amsterdam (NL)  
 Biotalentum Ltd (H)  
 S.A.F.A.N. Bioinformatics (I)  
 TissueGnostics (AT)

**Secondments are also available at Novartis Pharma AG (CH) and ImaBiotech (F).**



#### PhD-Programme CaSR-Biomedicine

#### Contact

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#### PhD-Programme CaSR-Biomedicine

## International multidisciplinary, intersectoral Ph.D. programme “CaSR-Biomedicine”

From Research to Innovation and Entrepreneurship

[www.meduniwien.ac.at](http://www.meduniwien.ac.at)

## Syllabus – Modules

In addition to PhD training at the host institution, CaSR Biomedicine will also involve annual summer schools and face-to-face focussed training modules designed to expose students to academic and non-academic sectors and to deliver the transferable skills needed for a wide spectrum of career opportunities. These will cover:

### Research

- GPCR signalling networks & translational research (including clinical workshops)
- Drug design, discovery & development (involving Pharmaceutical sector experts)
- State-of-art laboratory skills
- Project planning & Good Scientific Practice
- Data management, presentation & publication
- Ethics, Intellectual Property Rights (IP protection, conflicts)

### Communication

- Creative/effective communication & media training (press releases; writing for print, social, on-line & broadcast media).
- Introduction to academic teaching (including enquiry-based learning / small group teaching)
- E-learning (including on-line journal clubs, and, preparing posters & presentations)
- Quality management systems & networking (internal auditing)

### Employability

- Innovation & entrepreneurship (from SMEs & Spin-offs to multinational pharmaceutical companies)
- Self-presentation & professional competence (CVs & self-branding)
- Successful job hunting (including mock interviews and cognitive tests)

Also, international Secondments will give ESRs Industrial, Clinical & Academic experience.

### Information on the programme

- Language: English
- Duration: 6 semester (3 years)
- Degree: Ph.D.
- Application: [office\\_casr@meduniwien.ac.at](mailto:office_casr@meduniwien.ac.at)

### Entry Requirements

Requirements for admission to the doctoral programme involves proof of successfully completed university studies (human and veterinary medicine, or other disciplines of Natural and Life Sciences) or a qualification of the same value in a recognised national or foreign post-secondary educational establishment. At the time of the selection by the host university, the candidates must not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date.

**Expected starting date: September 2016**

**Application deadline: March 31<sup>st</sup>, 2016**



The ESRs of the Multifaceted CaSR ITN (2011-2014).

Participation for Summer schools and Workshops open for non CaSR-Biomedicine personnel