



**2nd World Congress on Genetics Geriatrics and  
Neurogenerative Diseases Research  
GeNeDis 2016**

**20-23 October, 2016**

**<http://www.genedis.eu>**

The **2nd World Congress** on "Genetics, Geriatrics and Neurodegenerative Diseases Research" (**GeNeDis 2016**) will be held in **Sparta** (one of the most important Greek city-states throughout the Archaic and Classical periods), Greece, **from 20 to 23 of October 2016**.

For the second time three of the most modern and popular scientific areas are brought together in a conference in Greece, at the **2nd World Congress on Genetics, Geriatrics and Neurodegenerative Disease research**.

Nobel laureates, leading scientists and researchers from all over the world will discuss the recent developments in these areas, ranging from research progress and the latest scientific discoveries to the clinical and pharmaceutical applications.

**GeNeDis 2016** will focus on a strong scientific program combined with teaching, training and live workshops to inform and educate scientist on the latest major challenges in scientific research, the new drug targets, the development of novel biomarkers, the new imaging techniques and the novel protocols for early diagnosis of neurodegenerative diseases, and several other scientific advances. **GeNeDis 2016** will feature an internationally recognized widely diverse program, that will contribute in attracting delegates to attend this major event.



The objective of the **2nd World Congress GeNeDis 2016** is to strengthen and broaden the international network by sharing the recent advancements in Genetics, Geriatrics and Neuroscience and by establishing good contacts with all relevant stakeholders – all pursuing the excellence in research, development, education and training with the aim of better and safe health aging.

The Scientific Organizing committee consists of experts from several countries who understand the educational and information business needs of scientists in the research area. The conference proceedings will be published by Springer in the Series: Advances in Experimental Medicine and Biology (AEMB), 2012- Impact Factor: 1.825.

**GeNeDis 2016** is a global scientific event that cannot be missed by anyone involved in Medicine, Science and Research. Scientists, Doctors, students, assistants, press and companies are all welcome to attend the 2nd World Congress **GeNeDis 2016** on Genetics, Geriatrics and Neurodegenerative Diseases Research.

### **Topics**

- Geriatrics
- Neurodegenerative Diseases
- Cognition and memory
- Dementia
- Brain Disorders
- RNA and diseases
- Sleeping disorders
- Chronic diseases



- Mental health
- Biopsychiatry
- Psychiatric diseases
- Neuroimaging
- Clinical neurophysiology
- Brain physiology
- Genomic and electrophysiology
- Transcriptome sequencing
- Clinical genetics and genomics
- System Biology
- Signal processing in Neurodegenerative diseases
- Biomedical text processing
- Genome engineering
- Computational biology
- Computational epigenomics
- Big data and genome medicine
- Therapeutic applications of genome editing
- Stem cell research and development
- Cell therapy
- Biomarkers
- Diagnostic of human disease biomarkers
- gene expression analysis
- Neuropharmacology
- Pharmacogenetics
- Diagnostic protocols and tests



## **Congress Program Planning**

(1) Bioinformatics and Human Electrophysiology Laboratory, (BiHELab),  
Department of Informatics, Ionian University, Greece

<http://bihelab.di.ionio.gr/>

(2) Computational Modeling Laboratory, (CMODLab), Department of  
Informatics, Ionian University, Greece

<http://di.ionio.gr/el/research/laboratories/computational-modelling-lab-cmodlab.html>

(3) Department of Informatics, Ionian University, Greece

<http://di.ionio.gr/en>

(4) University of Peloponnese, Greece

<http://www.uop.gr/>

(5) Technological Educational Institute of Ionian Islands, Greece

<http://www.teiion.gr/index.php/en.html>

(6) CARGO lab, Wilfrid Laurier University, Waterloo, Ontario, Canada

<http://www.cargo.wlu.ca/>

(7) Region of Peloponnese, Greece

<http://ppel.gov.gr/>