

CSMM

Prospectus 2014-15



CYPRUS SCHOOL
of molecular medicine

A SCHOOL OF THE CYPRUS INSTITUTE OF NEUROLOGY & GENETICS



THE CYPRUS INSTITUTE OF
NEUROLOGY & GENETICS

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Welcome Letter

Professor Philippos C. Patsalis
Provost of the Cyprus School of Molecular Medicine



With great pleasure I welcome you to the Cyprus School of Molecular Medicine (CSMM) of the Cyprus Institute of Neurology and Genetics (CING).

We have completed our first academic year successfully and our second academic year is now well underway. As a school of excellence, we are continuing with enthusiasm, optimism and hard work!

The Cyprus Institute of Neurology & Genetics is a medical, research and academic Center of Excellence. Since its establishment in 1990, our main concern has been our patients; to offer them high quality medical and biomedical services. We focus on the development of pioneering and innovative research in order to accumulate new knowledge to address the fundamental areas of diagnosis and cure of diseases. We focus on the development of postgraduate programs, specialization programs and further education, with the aim to train doctors, students and scientists. All these consequently concentrate on the patient, so that we can offer the best and the most innovative approach resulting in an improved quality of life.

Utilizing the knowledge and expertise gained over all these years, we established our own, autonomous postgraduate school, the Cyprus School of Molecular Medicine, which opened its doors in September 2012 offering MSc and PhD programs.

The advanced curriculum, highly qualified academic staff and state-of-the-art infrastructure facilities, combined with the acceptance of the most competitive students culminates in the awarding of the highest quality postgraduate degrees.

The Cyprus School of Molecular Medicine sets high standards, prerequisites and qualifications for accepting its students; these high standards are retained throughout students' studies and graduation. All programs offered are addressed to students with high academic and research excellence. They are designed to train students who are committed to their education, to become scholars and to acquire the knowledge their research and future careers demand.

We invite you to join us for a journey full of challenges and knowledge.

Welcome Letter

Professor Leonidas A. Phylactou
Dean of the Cyprus School of Molecular Medicine



Dear Prospective Student,

Welcome to the Cyprus School of Molecular Medicine (CSMM). I am very pleased that your search for a postgraduate program in biomedical sciences has led you to the CSMM, a School based on international standards of excellence. We now have one successful year behind us and our second is underway with our students busy and focused on their lectures, tutorials and research projects. Our collective efforts as faculty and support staff are focused on working towards excellence!

The CSMM, a School of the Cyprus Institute of Neurology and Genetics has been created to provide students with a unique environment for Masters and Doctoral studies in biomedical sciences.

The Cyprus Institute of Neurology and Genetics is a Center of Excellence in basic and applied research in biomedical and clinical sciences which aims to combine services, research and education so as to produce novel knowledge in biology and diseases and upgrade the quality of life of people. Several research peer-reviewed publications come to light every year from our Institute reporting the novel findings of our research.

The Cyprus School of Molecular Medicine functions as a catalyst towards the aims of our Institute, giving our students a unique education in the areas of neurology, genetics and biomedical sciences. The Institute's years of experience combined with its areas of specialisation, have allowed us to expand our program range. Added to our existing accredited programs in Molecular Medicine and Medical Genetics are the new programs in Neuroscience and Biomedical Research. These innovative programs at MSc and PhD level cover a wide spectrum of interesting disciplines and are organized around taught courses and research in our highly specialized laboratories. Masters programs are intensive and last for 12 months during which students attend lectures and carry out a research or library project.

Taught courses are also offered to PhD students in the first year together with a lab rotation which gives them a glimpse of research at our Institute and helps them to apply for the research project of their choice. Students then focus on their research thesis for the next 3 years prior to their thesis defence.

The Accreditation of the postgraduate programs of the CSMM has successfully been passed via the Council of Educational Evaluation Accreditations (CEEAA) and the Ministry of Education and Culture of the Republic of Cyprus.

I invite you to get in touch with our faculty and staff about the curricula, the research activities and the prospects of learning at the CSMM.

Our goal is to produce competitive scientists and upgrade the quality of life through your research!

About the CING

Cyprus Institute of Neurology and Genetics

The Vision of CING is to function as an International Center of Excellence and a Regional Referral Center in the areas of Neurology, Genetics, Biomedical, Medical and other similar and related Sciences. CING's Mission is to develop and provide high level clinical and other laboratory SERVICES, develop and pursue advanced RESEARCH and provide post-graduate EDUCATION in those areas. Through CING's three main pillars; services, research and education; it aims to improve and upgrade the quality of life of patients, and strengthen its international role in the areas of its specialties.

Today the CING is one of the very few innovative organizations in Cyprus that has developed a critical mass, and contributes actively to the research and development of new knowledge. CING has available appreciable human potential, laboratory infrastructure unique for Cyprus, excellent relations and collaborations with countries of the Middle East, Northern Africa, Europe and America, and is successfully competing at a national and international level.

The Cyprus Institute of Neurology and Genetics provides a wide range of highly specialized clinical and laboratory medical and biomedical services to Doctors, Clinics and Hospitals in the Public and Private sector, offering diagnostics for common and rare diseases to the Cypriot community and to countries of the region. Although being independent in its support, it is public in its commitment and service and it is owned by the CING Board of Directors.

The CING is world-class in its standards, as several services offered by the Institute are accredited or certified thereby ensuring their high quality. All CING laboratories currently participate in international external quality control schemes.

The Institute is staffed by leading scientists and clinicians, who are devoted to the well-being of the local, regional and international communities. It is partnered with outstanding international institutions and welcomes students, faculty and staff of all nations, cultures, races and faiths; being dedicated to the advancement of knowledge and to its humane and benevolent application.

The CING is considered to be the most advanced tertiary medical academic center in Cyprus in the health sector as it provides education and training to doctors, scientists, students and paramedical personnel.



Our Values

Excellence - Innovation - Professionalism - Social Service - Team Work

About the CSMM

Cyprus School of Molecular Medicine

CING has established a postgraduate school, named the **Cyprus School of Molecular Medicine (CSMM)** open to students with research interests applicable to the Institute's activities. The postgraduate school is organized as a distinct entity within CING. CSMM programs are headed by the Provost of the School who is also the Chief Executive Medical Director and the Chairman of the Scientific Council of the Cyprus Institute of Neurology and Genetics. CSMM offers various programs of study leading to MSc and PhD degrees.

CSMM aims to attract outstanding students with intellectual curiosity, who want to expand their education and the state-of-knowledge on regional problems of global significance on the topics covered by the Departments and Clinics of CING and who also:

- possess excellent analytical skills and are able to understand problems and propose solutions
- are capable of working diligently and productively on difficult projects
- have the ability to set their own goals and manage their own schedule successfully
- are motivated, self-critical and are able to evaluate their own performance fairly
- have good communication skills and are able to effectively communicate their ideas both verbally and in writing.

Objectives of the School

To establish an educational center of excellence for postgraduate programs of international standing and reputation

To attract and educate students who can engage in competitive work and to enable them to be immediately enrolled into the Cyprus market and academia, so that they can contribute to the socioeconomic landscape of Cyprus and worldwide

To produce high quality research output from students' projects (PhD programs) that will contribute towards the improvement of the quality of human life in Cyprus and worldwide

To challenge students with a wide variety of concepts and approaches and enforce international standards of excellence in the fields of Medicine and Biomedical Sciences

To offer exceptional curricula for its students which will provide the theoretical and applied knowledge necessary to achieve international caliber doctoral research

To cooperate with high level international research and educational centers and to promote cooperation and understanding through education, research and innovation

To attract excellent local and foreign students through the international visibility of the School's faculty, staff, and students

To develop effective communication skills for all its students and to help the students exercise these skills in a competitive environment

To promote the School as a center of excellence for students and scholars from abroad.



Services provided by the Education Office

We are here for you every step of the way!

The **CSMM Education Office** deals with all matters involving student affairs as well as international relations. The Education Office is the first and main point of contact for all applicants to the CSMM, students of the School and participants of mobility programs.

The Education Office is committed to:

- Providing advice, support and guidance to international and home applicants and students of the CSMM regarding the application procedure, mobility programs, visa and entry information, accommodation and living in Cyprus
- Arranging contact with Academic Mentors
- Arranging assistance with counseling support and special needs
- Arranging induction activities/Orientation Events and appointing a host institute "Buddy" for incoming mobility participants

The Education Office is the central point of contact and communication for international students and participants of mobility programs. The Office is responsible for ensuring a seamless application procedure and smooth induction and study period for students, while also following-up post-study with international students and mobility participants in order to ensure full recognition of their time spent at the CSMM through the Learning Agreement and Transcript of Records.

The Education Office also organizes various types of student events and activities such as Orientation Programs, Awards Ceremonies, Charity Events, Graduation Ceremonies, etc.

Careers Office services such as CV Workshops and mock interviews are also organized by the Education Office in cooperation with the Institute's Human Resources Department. The aim of the Careers Office is to assist students and alumni in all career related issues.

The personnel at CSMM are committed to enriching the student experience and promoting a full and active student life. We provide the necessary support and resources to ensure that all students will enjoy their experience at the CSMM to the maximum.



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Social Responsibility and Sustainability

The CING and the CSMM are committed to Social Responsibility and Sustainability. To this extent, CSMM students and CING academic and administrative staff are highly encouraged to:

1. Volunteer in various charity events, blood donations, green events
2. Provide open lectures/seminars based on their expertise, given the non-profit character of the organization
3. Recycle non-toxic used lab consumables and other recyclable materials in the CING designated areas
4. Make energy savings in the buildings
5. Submit innovative ideas to the CING management regarding additional related actions that can be implemented.

Programs Available & Titles Awarded

The Ministry of Education and Culture approved the establishment of the postgraduate Cyprus School of Molecular Medicine of the Cyprus Institute of Neurology and Genetics.

The accreditation of the following four postgraduate programs of the CSMM, listed below, has successfully been passed via the Council of Educational Evaluation Accreditations (CEEA) and the Ministry of Education and Culture of the Republic of Cyprus, with effect as of the date of establishment of the School: MSc Molecular Medicine, MSc Medical Genetics, PhD Molecular Medicine, PhD Medical Genetics.

The following three postgraduate programs of the CSMM are currently under registration: MSc Neuroscience, MSc Biomedical Research, PhD Neuroscience.

The programs of the School begin in September of each year.

Titles awarded for each program of study:

1. Master in Science (MSc) Molecular Medicine (accredited)
2. Master in Science (MSc) Medical Genetics (accredited)
3. Master in Science (MSc) Neuroscience (under registration)
4. Master in Science (MSc) Biomedical Research (under registration)
5. Doctor of Philosophy (PhD) Molecular Medicine (accredited)
6. Doctor of Philosophy (PhD) Medical Genetics (accredited)
7. Doctor of Philosophy (PhD) Neuroscience (under registration)

Infrastructure

The Cyprus Institute of Neurology and Genetics has state-of-the-art equipment in all its Departments and Clinics which is used for specialised diagnostic services and research activities. Some of the equipment has been purchased through competitive research funding and is unique in Cyprus. Students may carry out their research projects in the facilities of the various Departments and Clinics.

The list of equipment is extremely long and for practical purposes, a summary is presented below.

PCR machines, real-time PCR machines, heating and cooling incubators, regular and deep freezers, light microscopes, fluorescence microscopes, time-lapse microscope, confocal microscope, electron microscope, flow cytometer, cell incubators, cell culture biological cabinets, chemical cabinets, DNA microarray facility, automated DNA sequencing facility, mouse facility, laser microdissector, automated DNA extractor, benchtop centrifuges, ultracentrifuge, automated nucleic acids imaging facility.

CSMM Postgraduate Programs MSc - PhD



MSc Programs

MSc Molecular Medicine | MSc Medical Genetics | *MSc Neuroscience | *MSc Biomedical Research

General Information

The MSc program is organized around taught courses, (including tutorial sessions for each course on a weekly basis) and a research or a library project. Successful students will have to pass all course examinations and the MSc Thesis Examination to be awarded an MSc degree.

CSMM offers a 12-month MSc program to full-time students and a 24-month MSc program to part-time students.

MSc Molecular Medicine | MSc Medical Genetics *MSc Neuroscience

A minimum number of 50 ECTS from the taught courses (including tutorial sessions) of the program and a minimum number of 40 ECTS from the research or library project must be completed while enrolled on the MSc program. Students will be taught compulsory and elective courses.

*MSc Biomedical Research

A minimum number of 20 ECTS from the taught courses (includes tutorial sessions for each course on a weekly basis) of the program and a minimum number of 70 ECTS from the research project must be completed while enrolled on the MSc program. Students will be taught elective courses.

These criteria apply to the current programs of study but may be subject to change for future programs.

Language of instruction: English

General Schedule

Full-Time (12 months)

Taught Courses & Research or Library Project

AUTUMN SEMESTER (30 ECTS)

MSc Molecular Medicine | MSc Medical Genetics | *MSc Neuroscience

2 Mandatory Courses and 1 Elective Course

***MSc Biomedical Research**

2 Research Modules and 1 Elective Course

SPRING SEMESTER (30 ECTS)

MSc Molecular Medicine | MSc Medical Genetics

2 Mandatory Courses and 1 Research/Library Module

***MSc Neuroscience**

1 Mandatory Course, 1 Elective Course and 1 Research/Library Module

***MSc Biomedical Research**

2 Research Modules and 1 Elective Course

JUNE - SEPTEMBER (30 ECTS)

MSc Molecular Medicine | MSc Medical Genetics | *MSc Neuroscience

Research/Library Module, report preparation and examination

***MSc Biomedical Research**

Research Module, report preparation and examination

Part-Time (up to 24 months)

Minimum of one course per semester, among those offered in the referred semester

** Program under registration*



PhD Programs

PhD Molecular Medicine | PhD Medical Genetics | *PhD Neuroscience

General Information

The PhD program is organized around taught courses during year 1, (including tutorial sessions for each course on a weekly basis) and a research project (thesis work) during years 2 - 4.

Successful students will have to pass all course examinations, the PhD Thesis Examination and have at least one first author publication in a peer-reviewed journal to be awarded a PhD degree.

A minimum of 50 ECTS from the taught courses (including tutorial sessions for each course on a weekly basis) of the program and 190 ECTS from the research part of the program must be completed while enrolled on the doctoral program. Students will be taught compulsory and elective courses.

These criteria apply to the current programs of study but may be subject to change for future programs.

Language of instruction: English

General Schedule

Year 1

AUTUMN SEMESTER (30 ECTS)

PhD Molecular Medicine | PhD Medical Genetics | *PhD Neuroscience
2 Mandatory Courses and either 1 Elective Course or 1 Research Module

SPRING SEMESTER (30 ECTS)

PhD Molecular Medicine | PhD Medical Genetics
2 Mandatory Courses and either 1 Elective Course or 1 Research Module

***PhD Neuroscience**
1 Mandatory Course and 2 Elective Courses or
1 Mandatory Course, 1 Elective Course and 1 Research Module

Research: Years 2 - 4

YEAR 2 Total: 60 ECTS = PhD Research Part II 50 ECTS
PhD Thesis Progress Report and Examination 10 ECTS

YEAR 3 Total: 60 ECTS = PhD Research Part III

YEAR 4 Total: 60 ECTS = PhD Research Part IV 30 ECTS
Phd Thesis and Examination 30 ECTS

• *It is compulsory to register for at least 30 ECTS per semester*

** Program under registration*



MSc Program Schedules

MSc Molecular Medicine

Autumn Semester Full Time
Required: 30 ECTS - 2 Mandatory Courses and 1 Elective Course

MANDATORY COURSES				
MM101 Molecular Basis of Monogenic Diseases		MM102 Molecular Basis of Complex Diseases		
ELECTIVE COURSES				
MG101 Molecular Genetics	MG102 Cytogenetics and Genomics	NEURO101 Cellular and Molecular Neuroscience	NEURO102 Brain Behaviour	MVI Molecular Virology and Immunology

Spring Semester Full Time
Required: 30 ECTS - 2 Mandatory Courses and 1 Research / Library Module

MANDATORY COURSES			
MM103/NEURO103 Neurosciences and Neurogenetics		MM104 Gene and Cell Therapy	
RESEARCH/LIBRARY PROJECT			
MRP101 MSc Research Project Part I (Spring Semester)	MLP101 MSc Library Project Part I (Spring Semester)	MRP102 MSc Research Project Part II (June – Sept.)	MLP102 MSc Library Project Part II (June – Sept.)

PhD Program Schedules

PhD Molecular Medicine

Autumn Semester Full Time
Required: 30 ECTS 2 Mandatory Courses and either 1 Elective Course or 1 Research Module

MANDATORY COURSES				
MM101 Molecular Basis of Monogenic Diseases		MM102 Molecular Basis of Complex Diseases		
ELECTIVE COURSES				
MG101 Molecular Genetics	MG102 Cytogenetics and Genomics	NEURO101 Cellular and Molecular Neuroscience	NEURO102 Brain Behaviour	MVI Molecular Virology and Immunology

Spring Semester Full Time
Required: 30 ECTS 2 Mandatory Courses and either 1 Elective Course or 1 Research Module

MANDATORY COURSES		
MM103/NEURO103 Neurosciences and Neurogenetics		MM104 Gene and Cell Therapy
ELECTIVE COURSES		RESEARCH PROJECT
MG103 Methodologies and Technologies Applied in Medical Genetics	MG104 Biochemical Basis of Genetic Diseases	DRP101 - DRP106 PhD Research Project Part I - Part IV (Years 1 - 4)

MSc Medical Genetics

Autumn Semester Full Time
Required: 30 ECTS - 2 Mandatory Courses and 1 Elective Course

MANDATORY COURSES				
MG101 Molecular Genetics		MG102 Cytogenetics and Genomics		
ELECTIVE COURSES				
MM101 Molecular Basis of Monogenic Diseases	MM102 Molecular Basis of Complex Diseases	NEURO101 Cellular and Molecular Neuroscience	NEURO102 Brain Behaviour	MVI Molecular Virology and Immunology

Spring Semester Full Time
Required: 30 ECTS - 2 Mandatory Courses and 1 Research / Library Module

MANDATORY COURSES			
MG103 Methodologies and Technologies Applied in Medical Genetics		MG104 Biochemical Basis of Genetic Diseases	
RESEARCH/LIBRARY PROJECT			
MRP101 MSc Research Project Part I (Spring Semester)	MLP101 MSc Library Project Part I (Spring Semester)	MRP102 MSc Research Project Part II (June – Sept.)	MLP102 MSc Library Project Part II (June – Sept.)

PhD Medical Genetics

Autumn Semester Full Time
Required: 30 ECTS 2 Mandatory Courses and either 1 Elective Course or 1 Research Module

MANDATORY COURSES				
MG101 Molecular Genetics		MG102 Cytogenetics and Genomics		
ELECTIVE COURSES				
MM101 Molecular Basis of Monogenic Diseases	MM102 Molecular Basis of Complex Diseases	NEURO101 Cellular and Molecular Neuroscience	NEURO102 Brain Behaviour	MVI Molecular Virology and Immunology

Spring Semester Full Time
Required: 30 ECTS 2 Mandatory Courses and either 1 Elective Course or 1 Research Module

MANDATORY COURSES		
MG103 Methodologies and Technologies Applied in Medical Genetics		MG104 Biochemical Basis of Genetic Diseases
ELECTIVE COURSES		RESEARCH PROJECT
MM103/NEURO103 Neurosciences and Neurogenetics	MM104 Gene and Cell Therapy	DRP101 - DRP106 PhD Research Project Part I - Part IV (Years 1 - 4)

The above courses (apart from the research or library project of the spring semester and the months June - September) are composed of:

- Two lectures per week (duration 90 minutes each) and one tutorial per week (duration 60 minutes each)
- The total number of lectures per academic semester is 26 for each course and 13 tutorials for each course
- Each course/research module/library module is worth 10 ECTS with the exception of MRP102 and MLP102 which are worth 30 ECTS each.

The above courses (apart from the research project of the spring semester) are composed of:

- Two lectures per week (duration 90 minutes each) and one tutorial per week (duration 60 minutes each)
- The total number of lectures per academic semester is 26 for each course
- The total number of tutorials per academic semester is 13 for each course
- Each course is worth 10 ECTS with the exception of DRP102 (50 ECTS), DRP104 (60 ECTS), DRP105 and DRP106 (30 ECTS each)
- Students may have to retake DRP105 for a maximum of 4 times (years 5 & 6) if they are not ready to take the PhD Thesis Report and Examination at the end of year 4.

Course Descriptions

MM101: Molecular Basis of Monogenic Diseases

COORDINATOR: Marina Kleanthous, Associate Professor

The course Molecular Basis of Monogenic Diseases is aimed at postgraduate students of biology and medical genetics and reviews all key aspects of the field of monogenic (or single-gene) disorders.

Individually, monogenic diseases are rare but taken together affect about 1% of the population. Moreover, owing to their accessibility to genetic and functional assays, monogenic disorders have contributed disproportionately to the development of modern tools and methods in genetics and to our knowledge of human gene function in health and disease.

The scope of this course is to describe the modes of inheritance and the molecular mechanisms of monogenic diseases. Drawing on specific examples of human disorders, the course will further provide an overview of tools to study and understand monogenic diseases, with an emphasis on new technologies for gene discovery, genotyping and functional genomics, including the use of genetic model organisms and bioinformatics. Attention will also be given to the more applied aspects of monogenic diseases, such as disease management, current therapeutic and prevention approaches and the prediction of disease severity based on primary genotype and on the presence of genetic and epigenetic modifiers.

MM102: Molecular Basis of Complex Diseases

COORDINATOR: Kyriacos Kyriacou, Professor

Complex diseases are common polygenic disorders that develop as a result of interactions of multiple genes with each other as well as with the environment. This lecture course will discuss the current aspects in the field of complex disorders. Despite the complex pathogenic mechanisms that operate towards the development of complex diseases, our understanding of their molecular basis has been greatly improved in recent years.

Therefore this course will describe the modes of inheritance, as well as the molecular mechanisms implicated in complex disorders. By drawing on specific examples of complex human diseases, such as cancer, neurological and respiratory disorders, current concepts of molecular mechanisms involved in their pathogenesis will be reviewed and discussed. A number of study designs will be employed to review the tools, past and present, used to investigate and understand complex diseases. The use of new technologies for elucidating disease mechanisms, including high throughput genotyping, functional genomics, model organisms and bioinformatics, will be discussed. In addition, the clinical aspects of complex diseases, such as prevention, early diagnosis, therapy, use of biomarkers, as well as evaluation of disease severity, based on modifying factors, genetic and epigenetic, will be reviewed.

MM103/NEURO103: Neurosciences & Neurogenetics

COORDINATOR: Theodoros Kyriakides, Professor

The purpose of the course is to provide a foundation and a stimulus for the understanding of structure and function of the nervous system. It will also provide the student with basic knowledge on some of the methodologies used by different disciplines to study the nervous system. Various aspects of the biology of the central nervous and neuromuscular systems will be covered to provide a framework that will enable the student to understand and integrate information generated from a number of disciplines in this rapidly expanding area of science. Great emphasis will be given to correlating basic scientific principles to disease causation and symptoms in the nervous system.

The course will cover the anatomy and functional organization of the nervous system at macroscopic and cellular level. Important evolutionary cell processes such as cell differentiation and programmed cell death (apoptosis) will be covered early on followed by the physiology of the central and peripheral nervous systems. The pathophysiology of the disease process and symptoms of various neurological illnesses will be covered to enable the student to have a comprehensive understanding of the realm of human diseases afflicting the nervous system. The course will also cover various tools used to dissect disease including neurophysiology, neuropathology, neurogenetics, epigenetics and basic techniques in molecular biology.

MM104: Gene and Cell Therapy

COORDINATOR: Leonidas A. Phylactou, Professor

The course of Gene and Cell Therapy includes the main topics of the fields of Gene and Cell Therapy. The majority of diseases, inherited or acquired could be candidates for gene and cell therapy. Until now, several approaches have been developed towards this direction. Some of these have been tested in patients but the majority of them are at the research level, since gene and cell therapy are recent disciplines of the biomedical field.

The initial aim of the course is the understanding of the various ways of delivering genetic material in cells and organisms. The genetic "tools" which are currently used for gene and cell therapy will then be described and analysed. A big portion of the course will also deal with the various strategies developed for gene and cell therapy of diseases such as muscular dystrophies, cancer, inherited and infectious diseases. Finally, gene and cell therapy clinical trials will be described and discussed in the classroom.

The course is designed to understand firstly the concepts and tools for gene and cell therapy and then their application in the various strategies against diseases. The students will then comprehend and put together all knowledge received through presentations of research papers and acquaintance and discussions of gene and cell therapy clinical trials. Tutorials will be used to answer specific questions and to deepen students' understanding through group discussions with the aid of research papers.

Course Descriptions

MG101: Molecular Genetics

COORDINATOR: Marios Cariolou, Professor

The course in Molecular Genetics will focus exclusively on human genetics. Selected areas of emphasis will cover, at the beginning of the course, a broad range of basic concepts including: human DNA structure, gene function and organization, control of gene expression, patterns of inheritance and pedigree analysis. More complex areas will concentrate on the human genome project, GWAS (Genome Wide Association Studies), understanding the role of genetic polymorphisms in athletic performance and mutations in disease development using as examples cardiovascular conditions, inherited deafness and disorders of sexual differentiation (DSD).

Emphasis will also be given to applied topics such as the use of genetics in medicine and in human identification for forensic purposes, as well as ethical considerations surrounding the application of human molecular genetic studies.

MG102: Cytogenetics & Genomics

COORDINATOR: Carolina Sismani, Assistant Professor

The aim of this course is to provide education to students in the area of Human Cytogenetics and Genomics. The course will cover all the issues of human cytogenetics and genomics and target the understanding of the behaviour of small and large size genetic changes and their pathology.

In addition, it will target the understanding of medical genomics with special emphasis on the investigation of the human genome in medical research and practice. The lectures of this course will focus on issues such as introduction to human chromosomes, culture preparation and analysis of chromosomes, chromosomal disorders and syndromes, pre-natal and postnatal chromosomal analysis, laboratory methodologies in cytogenetics, cytogenetics in clinical practice, cancer cytogenetics, chromosomal anomalies in leukaemias, lymphomas and solid tumors, international nomenclature of cytogenetics, introduction in medical genomics, genomic disorders and molecular mechanism of their development, bioinformatics in the analysis of human genome, laboratory methodologies and technologies in human genomics and investigation of human genome for research and diagnostic purposes. The course will include lectures and referrals to bibliography.

MG103: Methodologies & Technologies Applied in Medical Genetics

COORDINATOR: Kyproula Christodoulou, Professor

The aim of the course is to enable students to understand in-depth, critically discuss, implement and competently interpret and present results of a wide range of methods and techniques that are applied in medical genetics. The course will consist of lectures, tutorials, laboratory demonstrations and literature studies. Each lecture will be focused on one major method or a group of methods that are applied in medical genetics with relevant application examples.

Methodology and technology to be covered includes: nucleic acids extraction from various tissues, amplification of nucleic acids by PCR, restriction enzyme analysis, gel electrophoresis, Southern blot analysis, DNA sequencing, DNA repeats analysis, SNP analysis, Real Time PCR, cell culture models and techniques, recombinant DNA technology, imaging techniques and microscopy, MLPA analysis, DHPLC analysis, DGGE analysis, SSCP analysis, Western and Northern blot analyses, microarray technology, proteomics, next generation sequencing, haplotype and linkage analyses, linkage disequilibrium and association analyses and genetic risk assessment. Furthermore, the course will include a lecture on scientific writing.

MG104: Biochemical Basis of Genetic Diseases

COORDINATOR: Petros Petrou, Lecturer

Gene mutations primarily affect proper protein function often resulting in cellular pathology and the manifestation of disease. This course is mainly focused on inherited metabolic disorders and aims at providing postgraduate students with a comprehensive background and understanding of the effects of protein dysfunction on cell and organ pathology. Inborn errors of metabolism comprise a large group of disorders which are predominantly caused by inherited deficiencies of enzymes involved in specific biochemical pathways.

The course will deal with the major metabolic pathways and discuss genetic, cellular, clinical and biochemical features of related disorders. Inherited enzymatic deficiencies and their effects on the function of organelles such as lysosomes, peroxisomes and mitochondria will be further highlighted. Students will also be introduced to the principles, methodology and instrumentation used for the laboratory investigation of inborn errors of metabolism including the latest technological advances. Current approaches, challenges and new trends in the management and treatment of these disorders will be reviewed. The concept of newborn screening for inherited metabolic disorders along with the associated benefits, problems and dilemmas will be discussed.

Course Descriptions

NEURO101: Cellular and Molecular Neuroscience

COORDINATOR: Kleopas Kleopa, Professor

The aim of this course is to provide an in-depth understanding of basic cellular and molecular processes underpinning brain function. The unique aspects of nervous system development, cellular architecture, excitability, and homeostasis will be highlighted. Examples of neurological disorders resulting from genetic or acquired nervous system disturbances at the cellular and molecular level will further emphasize their importance and provide a link between basic and clinical neuroscience.

In addition to the theoretical basis, the course will include practical aspects of research in the neuroscience laboratory such as imaging, microscopy, DNA recombination, and generation of disease models, all needed for further career in neuroscience research.

The CMN course will provide complementarities with the other core courses within the Neuroscience MSc/PhD program in order to offer a complete coverage of the field. Transferable skills will also be acquired through compulsory focused school-wide short workshops.

NEURO102: Brain Behaviour

COORDINATOR: Savvas Papacostas, Professor

The main emphasis of this course will be twofold. On the one hand it will review and discuss the basic structure of the nervous system and the way its nature and pattern of physiological functioning influence normal and abnormal behaviour; neuronal functioning and its effects on neurotransmitters, structural and anatomical features of the nervous system, hormonal and endocrine functioning and the interrelationships between various biological systems in the regulation of behaviour. On the other hand it will review and discuss the physiological bases and current research in a number of selected behaviours and neurological/psychiatric conditions such as sleep, eating, reproduction, aggression, memory, communication and mental disorders.

Topic areas

- Physiological, anatomical and communicative functions of neurons in the central nervous system
- Structures and anatomical features of the brain, especially those parts related to behaviour
- The neural and/or hormonal bases of selected behaviours
- Interrelationships between various parts of the brain in the regulation of behaviour
- Contemporary literature in physiological bases of behaviour
- Current research in physiological neuropsychology and comparisons with results of contemporary research with other published information.

MVI: Molecular Virology and Immunology

COORDINATOR: George Krashias, PhD

The course Molecular Virology and Immunology offered at CSMM includes the main topics in the fields of Virology and Immunology. This course has a dual purpose: to provide an integrated and more advanced understanding of viruses in general and their role in disease pathogenesis, focusing on understanding the molecular basis of these processes; and secondly to provide broad knowledge of the basic concepts in cellular and molecular immunology. Emphasis will be also given to understanding the viral survival strategies and the immune mechanisms that result in elimination of viral pathogens.

An overview of available approaches (vaccines and anti-viral drugs) for providing protection and treatment against viral diseases and of various cutting edge methodologies currently used for the diagnosis and monitoring of viral infections will be also be provided by this course.

Tutorials held throughout the course will address specific questions, helping students to broaden the knowledge acquired during lectures through group discussions and the use of original research papers. Finally, the workshops will be used to improve students' communication skills through oral presentations and small group discussions.

The course does not require any previous knowledge in virology and immunology.

Preparatory Course

Introduction to Molecular Biomedical Sciences

COORDINATOR: Carsten Lederer, Lecturer

The preparatory course **Introduction to Molecular Biomedical Sciences** provides necessary background information for the programs of the CSMM.

- Attendance is compulsory for course participants from non-biomedical backgrounds
- Is highly recommended for participants whose biomedical education took place at non-English-speaking institutions
- Is highly recommended for participants who graduated a number of years ago, in order to refresh their knowledge
- May benefit anyone registered for the CSMM postgraduate programs
- The course has a three week duration and is structured into nine lectures.

Admission Criteria, Application Procedure & Scholarships

To be admitted to an MSc or a PhD program, a student must meet at least the minimum requirements listed below:

- A Bachelors degree from a recognized accredited institution, in a related field
- English Language Certification or other accepted International Standard, if graduated from a school where English is not the teaching language.

Application Process - MSc & PhD Programs

The available positions for new students are announced on the CSMM website and in the press during the last week of January, before the beginning of the academic year, with a deadline during April of the same year.

Required Documents

1. A Completed Application Form
2. Two Academic References
3. Academic Transcripts
4. English Language Certificate *(if not graduated from an English speaking University)*

Scholarships

A number of full scholarships based on academic criteria will be awarded to CSMM students. The exact amount and number of scholarships that will be offered is always subject to the yearly budget of the School.

Scholarships for the PhD Programs are also available for years 2, 3 and 4.

European Credit Transfer System (ECTS)

All Programs use the European Credit Transfer System (ECTS) which takes into consideration the workload for:

a) class attendance b) homework c) exam preparation.

In order to be awarded their title, students must successfully complete all courses included in their Program's curriculum including any other MSc or PhD degree requirements such as their Library or Research/ Lab project (thesis) or PhD examination and produce at least one academic publication.

ECTS course exemptions may be granted subject to review on a case by case basis and on request. For information, contact the Education Office.

Student Information

Course Registration

The CSMM offers an online service portal (Extranet) that facilitates the education experience. It allows faculty and students to communicate and share educational material, view assessment results, statistics and academic transcripts. Also, registration and payment are only possible through Extranet. Students will be provided with a unique username and password at the beginning of the academic year which will allow them to navigate through the portal.

Students are expected to attend all necessary lectures.

Adding And Dropping Courses

Students have the right to add or drop a course within a certain period at the beginning of each semester. More information regarding the exact dates to add or drop a course is available in the academic calendar.

Counseling And Guidance

All students will be assigned an Academic Advisor who will be responsible to advise students on academic issues.

In addition, students will also be assigned a Research Advisor who will advise and supervise them regarding their final thesis (research project or library project).

Additionally, students may also consult the Education Office on other topics related to living in Cyprus.

Finally, students will be bound by the existing rules, regulations and policies common to all CING employees and also by the CSMM Student Policies, information within the Student Handbook.

Student Representatives

At the beginning of each Academic year, all students from each Program will be requested to elect one representative (in total 7 representatives). Class representatives will represent the CSMM students in various activities and serve as an intermediary between the students, the faculty and the administration.

Information for International Students

Entry Requirements

Travel Documents

Traveling to Cyprus requires certain documents which vary, depending on nationality. A valid passport is required for a stay of up to 90 days for all tourists, except EU, Switzerland, Iceland, Liechtenstein and Norway citizens, who may enter Cyprus with the use of their national identity card provided that it bears a photo. Some non-EU third country nationals require a visa. Further detailed information can be obtained from the Ministry of Foreign Affairs.

Legal Points of Entry

The legal ports of entry into the Republic of Cyprus are the airports of Larnaca and Pafos (Paphos) and the ports of Larnaca, Lemesos (Limassol), Latsi and Pafos (Paphos), which are situated in the area under the effective control of the Government of the Republic of Cyprus. Entry into the territory of the Republic of Cyprus via any other port or airport in which the Government of the Republic does not exercise effective control (Turkish occupied areas) is illegal.

All E.U. students who have a European Medical Card E111 are entitled, upon presentation of the card, to free medical and pharmaceutical care by public hospitals in Cyprus.

Non - E.U. Students

Non – E.U. students, as well as E.U. students who do not possess the above mentioned card, must obtain private medical insurance for in-hospital and outpatient medical treatment in Cyprus.

NON – E.U. students will also need to obtain private medical insurance immediately upon arrival in Cyprus as it is a requirement to obtain a VISA.

Diplomatic Missions of the Republic of Cyprus Abroad

Detailed information regarding the Embassies and High Commissions of the Republic of Cyprus abroad can be obtained from the Ministry of Foreign Affairs.

About Cyprus

Cyprus is situated in the north-eastern corner of the Mediterranean Sea, at the crossroads of 3 continents, Europe, Asia and Africa, 75km south of Turkey, 90km west of Syria and 380km east of the Greek island of Rhodes. It covers an area of 9,251 sq. km which makes it the third largest island in the Mediterranean Sea after Sicily and Sardinia.

According to data published by the Statistical Service of the Cyprus Ministry of Finance, the total population of Cyprus was 862,000 at the end of 2011 of which 71.5% (616,330) is considered to be members of the Christian Greek Cypriot community and speakers of Greek. Of the remainder, 9.5% (81,890) belong to the Muslim Turkish Cypriot community and speak Turkish, and 19% (163,780) are foreign workers and expatriates residing in Cyprus.

As is the norm in former British colony countries, English is widely spoken in Cyprus and regularly used in commerce and government. While the majority of the Greek Cypriot community is members of the Autocephalous Greek Cypriot Orthodox Church of Cyprus, 1.2% are actually members of the Armenian, Maronite and Latin churches. Under the provisions of the 1960 Constitution these religious minorities chose to be considered members of the Greek Cypriot community.

The capital of Cyprus is Lefkosia (Nicosia). It is situated roughly in the middle of the island and is the seat of the Government as well as being the main business center.

Mobility Opportunities at the CSMM

Erasmus+

As an institute which has been awarded the Erasmus Charter for Higher Education, the CSMM supports mobility of students and staff to improve the quality of higher education by encouraging transnational cooperation between universities and contributing to improved transparency and academic recognition of qualifications and studies throughout the European Union.

The CSMM Education Office provides assistance and support to all participants of mobility programs. Full details can be found on the CSMM website: www.cing.ac.cy/csmm/

Student Services

Orientation Event

Before the beginning of the Autumn Semester, the CSMM organizes a warm welcome orientation event for all new students. This is a perfect opportunity for students to become familiar with the School's premises, to meet with their Academics and the Administrative Team, take tours, participate in fun activities, and make some new friends before the Autumn semester gets too hectic.

Library

The Library of the Cyprus School of Molecular Medicine consists of reference books, journals, technical information, dictionaries and other reading material. The academic staff and students of the CSMM have access to information such as electronic journals and databases. The Library is continuously updated with new scientific journals and books, relevant to the CSMM's clinical, educational and research activities.

Student computer laboratories and meeting areas are available inside the Library area. Students are able to access the internet and work on their assignments. Printing facilities are also available.

There are no laboratory-based courses; however students may have to undertake individual research projects. Students are placed in the Departments or Clinics of CING and will be under the supervision of an advisor.

Services for students with special needs

The CSMM is committed to treating all students with special needs as equals to all other students; therefore, every effort is made to offer practical solutions to any of their specific needs, such as access to the CSMM facilities, or assistance on their academic issues.

Health insurance and services

All E.U. students who have a European Medical Card E111 are entitled, upon presentation of the card, to free medical and pharmaceutical care by public hospitals in Cyprus.

Non-E.U. students, as well as E.U. students who do not possess the above mentioned card, must obtain private medical insurance for in-hospital and outpatient medical treatment in Cyprus.

Non-E.U. students will also need to obtain private medical insurance immediately upon arrival in Cyprus as it is a requirement to obtain a VISA.

Employment

The CING is a highly respected organization in Cyprus and abroad. As a result, various important projects are being conducted within the Institute. CSMM PhD students will have the opportunity to be part of various important projects towards a reduction in their tuition fees. The CSMM has established a Careers Office which helps students and graduates with careers-related issues via CV- building and interview skills workshops, amongst other activities.

Café/Restaurant

A café/restaurant is available on the CING premises with subsidised prices for all CING employees and CSMM students.

Accommodation

Students of the Cyprus School of Molecular Medicine can choose from a great range of private apartments and houses within walking distance of the School. The Education Office may assist students in finding their accommodation for the duration of their studies.

The monthly rent for a two-bedroom apartment varies from €425-€500, whereas the monthly rent for a three-bedroom apartment ranges between €450-€650.

Local Area

Within walking distance from the School, students can find a mall, various shops, coffee shops, restaurants, clubs, banks etc. Monthly living expenses are estimated to be between €680-€850 including rent.

welcome

School Governance & Faculty

School Council

- Prof. Philippos C. Patsalis - CING Chief Executive Medical Director and BoD Member (President)
- Mr. Ioannis Ioannou - CING BoD Member (Member)
- Dr. George Constantinou - CING BoD Member (Member)
- Prof. Leonidas A. Phylactou - Dean of the CSMM (Member)
- Prof. Kyriacos Kyriacou - CSMM Faculty (Member)
- Prof. Kyproula Christodoulou - CSMM Faculty (Member)
- Prof. Marios Cariolou - CSMM Faculty (Member)
- Dr. Marina Kleanthous - CSMM Faculty (Member)
- Ms. Ouranio Anastasiou - Elected Student Representative (Member)

Provost

The Chief Executive Medical Director of the Cyprus Institute of Neurology and Genetics, Prof. Philippos Patsalis, is the ex-officio Provost of the School. He has the overall supervision of the operation of CSMM. The Provost of the School oversees all external relations and is responsible for promoting the expansion of CSMM.

Dean

The Dean of the School has the academic responsibility of the CSMM. Prof. Leonidas A. Phylactou is appointed as the first Dean of the Cyprus School of Molecular Medicine.

Program Coordinators

The Program Coordinators are responsible for the management and coordination of the specific programs of the CSMM.

Molecular Medicine: Prof. Kyriacos Kyriacou

Medical Genetics: Prof. Kyproula Christodoulou

Neuroscience: Prof. Kleopas Kleopa

Biomedical Research: Prof. Marios Cariolou

Faculty

Cariolou Marios, Professor

Christodoulou Kyproula, Professor

Kleopa Kleopas, Professor

Kyriacou Kyriacos, Professor

Kyriakides Theodoros, Professor

Papacostas Savvas, Professor

Patsalis Philippos, Professor

Phylactou Leonidas, Professor

Drousiotou Anthi, Associate Professor

Kleanthous Marina, Associate Professor

Pantzaris Marios, Associate Professor

Anastasiades Violetta, Assistant Professor

Hadjisavvas Andreas, Assistant Professor

Papanicolaou-Zamba Eleni, Assistant Professor

Sismani Carolina, Assistant Professor

Bashiardes Evy, Lecturer

Lederer Carsten, Lecturer

Mastrogiannopoulos Nicolas, Lecturer

Petrou Petros, Lecturer

Finance & Administration

Director of Finance and Administration

The Financial and Administrative Director of CING is the ex-officio Financial and Administrative Director of the School who has the responsibility for the financial and administrative work of the CSMM.

Mr. Marios Flouros is the Financial and Administrative Director of the School.

Education Office Personnel

MANAGER: Marinos Voukis (marinosv@cing.ac.cy, +357 22392842)

OFFICER: Maria Lagou (marial@cing.ac.cy, +357 22392841)

OFFICER: Andria Ioakem (andriai@cing.ac.cy, +357 22392843)

SECRETARY: Eleftheria Ioannou (eleftheriai@cing.ac.cy, +357 22392840)

LIBRARIAN: Maria Ellina (mariae@cing.ac.cy, +357 22392670)

I.T. ASSISTANT: Aristos Aristodemou (aristosa@cing.ac.cy, +357 22392834)

School Committees

Academic Committee

Prof. Leonidas A. Phylactou (Chairman)
 Prof. Marios Cariolou
 Prof. Kyproula Christodoulou
 Prof. Kleopas Kleopa
 Prof. Kyriacos Kyriacou
 Ms. Ouranio Anastasiou

Administration Committee

Prof. Philippos Patsalis (Chairman)
 Prof. Leonidas A. Phylactou
 Mr. Marios Flouros
 Ms. Ouranio Anastasiou

Disciplinary Committee

Prof. Leonidas A. Phylactou (Chairman)
 Prof. Marios Cariolou
 Prof. Kyriacos Kyriacou
 Ms. Ouranio Anastasiou

Molecular Medicine Admission Committee

Prof. Kyriacos Kyriacou (Chairman)
 Prof. Theodoros Kyriakides
 Prof. Leonidas A. Phylactou
 Dr. Marina Kleanthous

Medical Genetics Admission Committee

Prof. Kyproula Christodoulou (Chairman)
 Prof. Marios Cariolou
 Prof. Philippos Patsalis
 Dr. Petros Petrou

Neuroscience Admission Committee

Prof. Kleopas Kleopa (Chairman)
 Prof. Theodoros Kyriakides
 Prof. Savvas Papacostas

Biomedical Research Admission Committee

Prof. Marios Cariolou (Chairman)
 Prof. Leonidas A. Phylactou
 Dr. Petros Petrou

Funding & Fees

Education is an investment in your future and the CSMM is committed to offering an accessible education to all successful applicants. Scholarships are offered to MSc students subject to availability, while successfully accepted PhD students are immediately entitled to tuition fee scholarships for years 2 - 4. Students of the CSMM are entitled to apply for a Government grant based on the Government's assessment criteria.

Students are requested to ensure that all payments are made to the CSMM Bank Account with the use of their credit card or via direct deposit. Thereafter, students must inform the CSMM Education Office by submitting their analytical payment details.

Students will be informed by the Education Office about the exact payment deadlines each semester.

Fees and other charges

	FEE DESCRIPTION	AMOUNT (€)	DETAILS
1.	MSc Tuition Fees PhD Tuition Fees	8,000 Please see note 3 below	-
2.	Application Fees	40	Per application
3.	Registration Fees	25	Per registration
4.	Late Registration Fees	25	Per registration
5.	Technology Fees (internet & email use)	10	Per registration
6.	Transcript Fees	5	Per additional copy
7.	Graduation Fees	50	-
8.	Preparatory Course Fees	300	-

Notes:

- (1) Health Insurance coverage is recommended for all students.
- (2) International students are required to have health insurance for themselves as well as for their spouse and children.
- (3) The total cost for the PhD Programs (Euros 20,750) is divided over the duration of 4 years. The cost for the 1st year of studies amounts to Euros 5,450. Scholarships are available to cover the tuition fees of the 2nd, 3rd and 4th year of studies amounting to Euros 15,300.

Academic Calendar

Full-Time studies: Lectures scheduled every day, from 8am to 7pm

CALENDAR FOR THE ACADEMIC YEAR 2014-2015			
	Fall Semester	Spring Semester	Summer Period (only for MSc Progs.)
Registration for Preparatory Course	June - 11 Aug 2014	-	-
Preparatory Course	18 Aug - 5 Sept 2014	-	-
Registration Period	26 Aug - 16 Sept 2014	12 - 25 Jan 2015	25 May - 7 June 2015
Late Registration Period	17 - 19 Sept 2014	26 Jan - 1 Feb 2015	-
Beginning of courses / project	22 Sept 2014	2 Feb 2015	8 June 2015
Deadline to ADD / DROP course / project	22 Sept - 3 Oct 2014	2 - 15 Feb 2015	8 - 19 June 2015
Last days of lectures	19 Dec 2014	15 May 2015	-
Examinations	7 - 21 Jan 2015	18 - 29 May 2015	-
Holidays	22 Dec 2014 - 6 Jan 2015	6 - 17 April 2015	-

PUBLIC HOLIDAYS 2014	
01 October	Independence Day
28 October	Greek National Day
24 December	Christmas Eve
25 December	Christmas Day
26 December	Boxing Day
31 December	New Year's Eve

PUBLIC HOLIDAYS 2015	
01 January	New Year's Day
06 January	Epiphany Day
23 February	Green Monday
25 March	Greek Independence Day
01 April	National Day
9 April	Holy Thursday (Half Day)
10 April	Good Friday
13 April	Easter Monday
1 June	Whit Monday
01 May	Labor Day
15 August	Assumption Day

HOW TO FIND US

PHYSICAL ADDRESS

**Cyprus School of Molecular Medicine
The Cyprus Institute of Neurology and Genetics**

6 International Airport Avenue
Ayios Dhometios, 2370 Nicosia, Cyprus

ADDRESS FOR CORRESPONDENCE

**Cyprus School of Molecular Medicine
The Cyprus Institute of Neurology and Genetics**

6 International Airport Avenue
Ayios Dhometios, P.O.Box 23462
1683 Nicosia, Cyprus

USEFUL NUMBERS

Telephone CING: +357 22358600
Telephone CSMM: +357 22392840
Telefax CING: +357 22358238
Telefax CSMM: +357 22392845
Website: <http://www.cing.ac.cy/csmm/>
E-mail: csmm@cing.ac.cy

COMING FROM ABROAD

The legal ports of entry to the Republic of Cyprus are the airports of Larnaca and Paphos and the ports of Larnaca, Limassol, Latsi and Paphos, directions below.

COMING FROM PAPHOS, LIMASSOL, LARNACA

Coming from the Limassol/Larnaca-Nicosia highway, keep to the left hand lane when approaching the main roundabout under the bridge and take the 1st exit. Proceed straight down Spyros Kyprianou Avenue, past Metro supermarket (on your left) and Jumbo Toy Store (on your right) until you reach the T-junction at the top of the hill at Makedonitissa, where you will have Ayios Panteleimon Church on your right (you will pass several roundabouts and traffic lights along the way). Turn right on to Iroon Avenue and go straight ahead (pass Makedonitissa Palace on your right and Tymvos Cemetery on your left). Just after the University of Nicosia (on your right), and following a sharp bend, the entrance to the Institute is on your left.

COMING FROM NICOSIA CENTER

At the traffic lights where Likavitos Police Station is situated, with Debenhams "Central" on your right, go straight ahead on to Spiros Kyprianou Street (previously Santa Roza Street), which then becomes Griva Digenis Street (pass Costa Coffee, Starbucks, Ariston patisserie, Kykkos' Metochi, Alfa Mega supermarket, McDonalds and Hilton Park Hotel), until you reach the Kolokassides roundabout at the end of the road.

Take the 1st exit and then immediately on your right you will see the entrance of the Institute.

COMING FROM TROODOS MOUNTAINS

Coming from Troodos Mountains, follow directions towards Nicosia and exit the highway towards Makedonitissa. From Iroon Avenue you go straight ahead (pass Makedonitissa Palace on your right and Tymvos Cemetery on your left). Just after the University of Nicosia (on your right), and following a sharp bend, the entrance to the Institute is on your left.

LEGAL RESPONSIBILITY

The person legally responsible for the Cyprus School of Molecular Medicine is the Cyprus Institute of Neurology and Genetics.

PROSPECTUS APPROVAL

The prospectus has been approved by the Ministry of Education and Culture by their letter dated 7th February 2014.

Disclaimer: Information included within this prospectus was correct at the time of publication. The information is to be used as a general guide, changes may occur after publication.



THE CYPRUS INSTITUTE OF
NEUROLOGY & GENETICS



CYPRUS SCHOOL
of molecular medicine

**Cyprus School of Molecular Medicine
The Cyprus Institute of Neurology and Genetics**

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