



# CYPRUS SCHOOL of molecular medicine

A SCHOOL OF  
THE CYPRUS INSTITUTE OF NEUROLOGY & GENETICS



01

MSc in  
Molecular Medicine

02

MSc in  
Medical Genetics

03

PhD in  
Molecular Medicine

04

PhD in  
Medical Genetics

A SCHOOL OF  
THE CYPRUS INSTITUTE OF NEUROLOGY & GENETICS

## Cyprus School of Molecular Medicine

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Letter from the  
Chief Executive  
Director of the  
Cyprus School of  
Molecular Medicine  
and  
Chief Executive  
Medical Director of  
The Cyprus Institute  
of Neurology &  
Genetics

With great pleasure I welcome you to the recently established Cyprus School of Molecular Medicine (CSMM) of the Cyprus Institute of Neurology and Genetics (CING) and invite you to take a tour of our website.

The Cyprus Institute of Neurology and Genetics is a medical, research and academic Center of Excellence. Since its establishment in 1990, the Institute provides state-of-the-art medical services and advanced research and education in the fields of neurology, genetics, medical, biomedical and related sciences.

To further advance its academic role, and with the aim to provide education and training to researchers preparing to meet the scientific challenges of the future, the Institute has established the Cyprus School of Molecular Medicine which will open its doors to accept its first MSc and PhD students in September 2012. The CSMM will offer postgraduate programs in Medical Genetics and Molecular Medicine.

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

The Cyprus School of Molecular Medicine has set high standards, prerequisites and qualifications for accepting its students; these high standards will be 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.

**Professor Philippos C. Patsalis**, BSc, MA, MPh, PhD, HCLD

Prof Philippos Patsalis is appointed to serve as the Chief Executive Director of the Cyprus School of Molecular Medicine and the Chief Executive Medical Director of The Cyprus Institute of Neurology and Genetics. He heads all medical, scientific and other activities of the Institute and exercises initiatives in all matters pertaining to the overall direction of the Institute, in accordance with its Memorandum of Association.



## Letter from the Dean of the Cyprus School of Molecular Medicine

The Cyprus School of Molecular Medicine in the Cyprus Institute of Neurology and Genetics has been created to provide a unique environment for Master's 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 in a way 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 has been established to act as a catalyst towards the aims of our Institute and to give our students unique education in the areas of neurology, genetics and biomedical sciences. Our innovative Molecular Medicine and Medical Genetics MSc and PhD programs cover a wide spectrum of interesting disciplines and are organized around teaching courses and research in our highly specialized laboratories. Master's programs are intensive and last for 12 months during which students attend lectures and carry out a research or library project. Teaching 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. Excellence is what we aim for in our School and our goal is to produce competitive scientists of the next generation in biomedical sciences; come and join us!

### **Professor Leonidas A. Phylactou, BSc, PhD**

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

The Dean of the School has the academic responsibility of the CSMM. Moreover, he chairs the Academic and Disciplinary Committees of the School.

# Board of Directors of

## The Cyprus Institute of Neurology & Genetics

The Board of Directors consists of 20 members. Ten members, including the President, are representatives of the Cyprus Government (eight are appointed by the Council of Ministers, one by the Ministry of Finance and one by the Ministry of Health). Nine members are representatives of patient associations, the CING Scientific Council, the United States Government, the British Bases in Cyprus and the Turkish-Cypriot community. One member is the CING Chief Executive Medical Director.

The Board of Directors exercises the following powers and executes the following duties: a) administers and controls the affairs of the Institute and all its property, and in general deals with all related matters, b) acts in regard to the above matters and property in a way that best promotes the interests and aims of the Institute, c) exercises all other activities and undertakes acts and actions which are conducive or essential, for the achievement of the aims of the Institute.

- Mr Christos Phylactou (*President*)
- Dr Tellos Papageorgiou (*Vice President*)
- Prof Philippos Patsalis (*Secretary*)
- Mr Panicos Voskos (*Treasurer*)
- Prof Andreas Demetriou
- Dr Ahmed Djavit
- Mr Christos Eliades
- Dr George Constantinou
- Mrs Georghia Solomonidou – Christophidou
- Mr Ioannis Ioannou
- Dr Ioannis Kaimakliotis
- Dr Michael Angastiniotis
- Dr Olga Kalakouta
- Mr Pambos Charalambous
- Dr Paul Costeas
- Mr Stelios Stylianou
- Mrs Sylva Tiggiridou
- Mr Ahmet Varoglu
- Dr Mustafa Hami



# About the Island of Cyprus

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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 892.400 at the end of 2009 of whom 75,4% (672.800) is considered to be members of the Christian Greek Cypriot community and speak Greek. Of the remainder, 10% (89.200) belong to the Muslim Turkish Cypriot community and speak Turkish, and 14,6% (130.400) are foreign workers and expatriates residing in Cyprus.

As it commonly happens 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 are 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.

The second biggest town on the island is the main commercial port of Lemesos (Limassol) in the south of the island, also a popular tourist resort.

The coastal town of Larnaka in the south-east is the island's second commercial port and also an important tourist resort. To the south of the town is situated Larnaka's International Airport.

Pafos in the south-west is a fast developing tourist resort and home to the island's second International Airport.

Cyprus is the warmest island in the Mediterranean. The average daily temperature during summer months ranges between 29°C on the central plain to 22°C on the Troodos mountains, while the average maximum temperature for these months ranges between 36°C and 27°C respectively. Winters are mild.

The island, on average, enjoys more than 300 days of sunshine every year, and the rainy season is narrowed to the period between November and March. Snow occurs rarely in the lowland and on the northern range of Keryneia but falls every winter on ground above 1.000 meters on the Troodos Range, usually occurring by the first week in December and ending by the middle of April.



# Additional info

## Regarding non-Cypriot students

### ENTRY REQUIREMENTS

#### Travelling Documents

Travelling to Cyprus requires certain documentation which varies, depending on the 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 Larnaka (Larnaca) and Pafos (Paphos) and the ports of Larnaka (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.

#### Diplomatic Missions of the Republic of Cyprus Abroad

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

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

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 the private medical insurance immediately upon arrival in Cyprus as it is a requirement to obtain the VISA.

# About

## The Cyprus Institute of Neurology & Genetics

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The Cyprus Institute of Neurology and Genetics (CING) was established in 1990 as a bicomunal, non-profit, private, medical academic center.

The Vision of CING is to function as a National Center of Excellence and a Regional Referral Centre 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 the 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 in 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 the 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 Government and Private sector, offering diagnostics for common and rare diseases to the Cypriot community and to countries of the region. Even being independent in its support, it is public in its commitment and service.

The CING is world-class in its standards as several services offered by the Institution 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.





# About the

## Cyprus School of Molecular Medicine

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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 Chief Executive Director 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 four programs of study leading to two MSc and two PhD degrees, respectively.

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 at CING and:

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

### OBJECTIVES OF THE SCHOOL

The Cyprus School of Molecular Medicine provides opportunities for postgraduate education, training and exposes students to a competitive research environment. The School supports and enforces international standards of excellence for the students. Its objectives are:

- 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.
- 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 that will provide the theoretical and applied knowledge necessary to achieve international caliber doctoral research.
- To cooperate with high level of research and educational global 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 CSMM EDUCATION OFFICE

The Education Office organizes various types of student events and activities such as Orientation Programs, Awards Ceremonies, Blood Donations, Charity Events, Christmas Gala Dinners, Graduation Dinners, etc.

Counseling on any administration issue will also be provided. A career office which will assist students and alumni in all career related topics is currently under construction.

The personnel at CSMM are committed to enrich the School experience and promote a full and active student life. They provide the necessary support and resources to ensure that all our students will enjoy to the maximum their time while studying at CSMM.

# Post-graduate programs offered at the Cyprus School of Molecular Medicine

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## 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 Cyprus School of Molecular Medicine will offer four (4) programs in Medical Genetics and Molecular Medicine, at MSc and PhD level. The programs of the School will begin in September 2012.

List with the titles of all the awards offered by each program of studies

1. Master in Science (MSc) in Molecular Medicine
2. Master in Science (MSc) in Medical Genetics
3. Doctor of Philosophy (PhD) in Molecular Medicine
4. Doctor of Philosophy (PhD) in Medical Genetics



# MSc & PhD PROGRAMS' GENERAL INFORMATION



## MSc PROGRAMS

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The MSc program is organized around teaching courses, (includes 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 or the library project report to be awarded an MSc degree.

CSMM will offer 12-month MSc program full-time studies and 24-month MSc program part-time studies composed of teaching courses and a research or a library project. The programs will be organized, run and reviewed by CSMM after the approval by the Academic Committee.

A minimum of 50 ECTS from the teaching courses (includes tutorial sessions for each course on a weekly basis) of the program and 40 ECTS from the research or library project must be completed while enrolled in the MSc program. Students will be taught compulsory and elective teaching courses.

These criteria apply to the current programs of study but may not apply in future programs.

## GENERAL SCHEDULE

### FULL TIME

12 MONTHS:  
TEACHING COURSES AND  
RESEARCH OR LIBRARY PROJECT

#### AUTUMN SEMESTER

2 Mandatory Courses (2x10=20 ECTS)

One of three options\*:

- 1 Elective course (10 ECTS),
- MSc research project Part I (10 ECTS) or
- MSc library project Part I (10 ECTS)

#### SPRING SEMESTER

2 Mandatory Courses (2x10=20 ECTS)

One of three options\*:

- 1 Elective course (10 ECTS),
- MSc research project Part I (10 ECTS) or
- MSc library project Part I (10 ECTS)

#### MONTHS JUNE-SEPTEMBER

MSc library project Part II or MSc research project Part II, report preparation and examination (30 ECTS)

\*It is compulsory to undertake 5 courses and either MSc research or library project Part I

### PART-TIME

24 MONTHS (2 YEARS):  
TEACHING COURSES AND  
RESEARCH OR LIBRARY PROJECT

All teaching courses and library or research projects may not be selected within the first 12 months. These can be allocated within the two years with the condition that the student is allowed to take minimum one course per semester, among those offered in the referred semester.

90 credits (ECTS) of which 50 credits are from teaching courses and 40 credits from the research or library project.

Teaching Language: English





## PhD PROGRAMS

### 1<sup>ST</sup> YEAR

#### AUTUMN SEMESTER

2 Mandatory Courses (2x10=20 ECTS)

One of two options\*:

- a. 1 Elective course (10 ECTS),
- b. PhD research Part I (10 ECTS)

#### SPRING SEMESTER

2 Mandatory Courses (2x10=20 ECTS)

One of two options\*:

- a. 1 Elective course (10 ECTS),
- b. PhD research Part I (10 ECTS)

\*It is compulsory to undertake 5 courses and PhD research Part I.

### YEARS 2-4

#### RESEARCH

Year 2 (60 ECTS: PhD research Part II 50 ECTS, PhD thesis progress report and examination 10 ECTS)

Year 3 (60 ECTS: PhD research Part III)

Year 4 (60 ECTS: PhD research Part IV 30 ECTS, PhD thesis and examination, 30 ECTS)

Teaching Language: English

The PhD program is organized around teaching courses, (includes tutorial sessions for each course on a weekly basis) and a research project (thesis work). 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.

CSMM will offer four-year doctoral programs of study composed of teaching courses (1<sup>st</sup> year) and the PhD thesis work (years 2-4). The programs will be organized, run and reviewed by CSMM after the approval by the Academic Committee.

A minimum of 50 ECTS from the teaching courses (includes 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 in the doctoral program. Students will be taught compulsory and elective teaching courses.

These criteria apply to the current programs of study but may not apply in future programs.



MSc & PhD

DETAILED PROGRAM INFORMATION



NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
1.	24	<b>MM101</b> Molecular Basis of Monogenic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
2.	25	<b>MM102</b> Molecular Basis of Complex Diseases	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
3.	28	<b>MG101</b> Molecular Genetics	2	90min	26	10
		Tutorial	1	60min	13	
4.	29	<b>MG102</b> Cytogenetics and Genomics	2	90min	26	10
		Tutorial	1	60min	13	

## SPRING SEMESTER FULL TIME

NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
<b>(A) MANDATORY COURSES</b>						
5.	26	<b>MM103</b> Neurosciences and Neurogenetics	2	90min	26	10
		Tutorial	1	60min	13	
6.	27	<b>MM104</b> Gene and Cell Therapy	2	90min	26	10
		Tutorial	1	60min	13	
<b>(B) ELECTIVE COURSES</b>						
7.	30	<b>MG103</b> Methodologies and Technologies Applied in Medical Genetics	2	90min	26	10
		Tutorial	1	60min	13	
8.	31	<b>MG104</b> Biochemical Basis of Genetic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
<b>OTHER</b>						
9.		<b>MRP101</b> MSc research project Part I (A' or B' semester)	N/A	N/A	N/A	10
10.		<b>MRP102</b> MSc research project Part II (June-September)	N/A	N/A	N/A	30
11.		<b>MLP101</b> MSc library project Part I (June-September)	N/A	N/A	N/A	10
12.		<b>MLP102</b> MSc library project Part II (June-September)	N/A	N/A	N/A	30

# MSc in MEDICAL GENETICS

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AUTUMN SEMESTER  
FULL TIME

NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
1.	28	<b>MG101</b> Molecular Genetics	2	90min	26	10
		Tutorial	1	60min		
2.	29	<b>MG102</b> Cytogenetics and Genomics	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
3.	24	<b>MM101</b> Molecular Basis of Monogenic Diseases	2	90min	26	10
		Tutorial	1	60min		
4.	25	<b>MM102</b> Molecular Basis of Complex Diseases	2	90min	26	10
		Tutorial	1	60min	13	

SPRING SEMESTER  
FULL TIME

NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
5.	30	<b>MG103</b> Methodologies and Technologies Applied in Medical Genetics	2	90min	26	10
		Tutorial	1	60min		
6.	31	<b>MG104</b> Biochemical Basis of Genetic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
7.	26	<b>MM103</b> Neurosciences and Neurogenetics	2	90min	26	10
		Tutorial	1	60min		
8.	27	<b>MM104</b> Gene and Cell Therapy	2	90min	26	10
		Tutorial	1	60min	13	
OTHER						
9.		<b>MRP101</b> MSc research project Part I (A' or B' semester)	N/A	N/A	N/A	10
10.		<b>MRP102</b> MSc research project Part II (June-September)	N/A	N/A	N/A	30
11.		<b>MLP101</b> MSc library project Part I (A' or B' semester)	N/A	N/A	N/A	10
12.		<b>MLP102</b> MSc library project Part II (June-September)	N/A	N/A	N/A	30

# PhD in MOLECULAR MEDICINE

# 03

AUTUMN SEMESTER Page | 19  
FULL TIME

NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
1.	24	<b>MM101</b> Molecular Basis of Monogenic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
2.	25	<b>MM102</b> Molecular Basis of Complex Diseases	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
3.	28	<b>MG101</b> Molecular Genetics	2	90min	26	10
		Tutorial	1	60min	13	
4.	29	<b>MG102</b> Cytogenetics and Genomics	2	90min	26	10
		Tutorial	1	60min	13	

NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
5.	26	<b>MM103</b> Neurosciences and Neurogenetics	2	90min	26	10
		Tutorial	1	60min	13	
6.	27	<b>MM104</b> Biochemical Basis of Genetic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
7.	30	<b>MG103</b> Methodologies and Technologies Applied in Medical Genetics	2	90min	26	10
		Tutorial	1	60min	13	
8.	31	<b>MG104</b> Cytogenetics and Genomics	2	90min	26	10
		Tutorial	1	60min	13	

RESEARCH

9.	<b>DRP101</b> PhD Research Part I (1 <sup>st</sup> year)	N/A	N/A	N/A	10
10.	<b>DRP102</b> PhD Research Part II (2 <sup>nd</sup> year)	N/A	N/A	N/A	50
11.	<b>DRP103</b> Preparation of PhD thesis progress report and examination (2 <sup>nd</sup> year)	N/A	N/A	N/A	10
12.	<b>DRP104</b> PhD Research Part III (3 <sup>rd</sup> year)	N/A	N/A	N/A	60
13.	<b>DRP105</b> PhD Research Part IV (4 <sup>th</sup> year)*	N/A	N/A	N/A	30
14.	<b>DRP106</b> Preparation of PhD thesis report and examination (4 <sup>th</sup> year)*	N/A	N/A	N/A	30

\* Students may have to retake DRP105 for a maximum of four times (years 5 and 6) if they are not ready to take the PhD Thesis Report and Examination at the end of year 4.



# PhD in MEDICAL GENETICS

# 04

AUTUMN SEMESTER  
FULL TIME

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NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
(A) MANDATORY COURSES						
1.	28	<b>MG101</b> Molecular Genetics	2	90min	26	10
		Tutorial	1	60min		
2.	29	<b>MG102</b> Cytogenetics and Genomics	2	90min	26	10
		Tutorial	1	60min	13	
(B) ELECTIVE COURSES						
3.	24	<b>MM101</b> Molecular Basis of Monogenic Diseases	2	90min	26	10
		Tutorial	1	60min		
4.	25	<b>MM102</b> Molecular Basis of Complex Diseases	2	90min	26	10
		Tutorial	1	60min	13	

## SPRING SEMESTER FULL TIME

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NO	PAGE	CODE AND COURSES	PERIODS PER WEEK	DURATION OF PERIOD (MIN)	TEACHING PERIODS PER ACADEMIC MODULE	CREDITS PER ACADEMIC MODULE
<b>(A) MANDATORY COURSES</b>						
5.	30	<b>MG103</b> Methodologies and Technologies Applied in Medical Genetics	2	90min	26	10
		Tutorial	1	60min		
6.	31	<b>MG104</b> Biochemical Basis of Genetic Diseases	2	90min	26	10
		Tutorial	1	60min	13	
<b>(B) ELECTIVE COURSES</b>						
7.	26	<b>MM103</b> Neurosciences and Neurogenetics	2	90min	26	10
		Tutorial	1	60min	13	
8.	27	<b>MM104</b> Gene and Cell Therapy	2	90min	26	10
		Tutorial	1	60min	13	

## RESEARCH

9.	<b>DRP101</b> PhD Research Part I (1 <sup>st</sup> year)	N/A	N/A	N/A	10
10.	<b>DRP102</b> PhD Research Part II (2 <sup>nd</sup> year)	N/A	N/A	N/A	50
11.	<b>DRP103</b> Preparation of PhD thesis progress report and examination (2 <sup>nd</sup> year)	N/A	N/A	N/A	10
12.	<b>DRP104</b> PhD Research Part III (3 <sup>rd</sup> year)	N/A	N/A	N/A	60
13.	<b>DRP105</b> PhD Research Part IV (4 <sup>th</sup> year)*	N/A	N/A	N/A	30
14.	<b>DRP106</b> Preparation of PhD thesis report and examination (4 <sup>th</sup> year)*	N/A	N/A	N/A	30

\* Students may have to retake DRP105 for a maximum of four times (years 5 and 6) if they are not ready to take the PhD Thesis Report and Examination at the end of year 4.

## MOLECULAR MEDICINE MSc & PhD

### SYLLABI OF THE TOPICS IN THE PROGRAM

(with their index)

NO	PAGE	CODE	NAME	MANDATORY/ELECTIVE
1	24	MM101	Molecular Basis of Monogenic Diseases	Mandatory
2	25	MM102	Molecular Basis of Complex Diseases	Mandatory
3	26	MM103	Neurosciences and Neurogenetics	Mandatory
4	27	MM104	Gene and Cell Therapy	Mandatory
5	28	MG101	Molecular Genetics	Elective
6	29	MG102	Cytogenetics and Genomics	Elective
7	30	MG103	Methodologies and Technologies Applied in Medical Genetics	Elective
8	31	MG104	Biochemical Basis of Genetic Diseases	Elective

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## MEDICAL GENETICS MSc & PhD

### SYLLABI OF THE TOPICS IN THE PROGRAM

(with their index)

NO	PAGE	CODE	NAME	MANDATORY/ELECTIVE
1	28	MG101	Molecular Genetics	Mandatory
2	29	MG102	Cytogenetics and Genomics	Mandatory
3	30	MG103	Methodologies and Technologies Applied in Medical Genetics	Mandatory
4	31	MG104	Biochemical Basis of Genetic Diseases	Mandatory
5	24	MM101	Molecular Basis of Monogenic Diseases	Elective
6	25	MM102	Molecular Basis of Complex Diseases	Elective
7	26	MM103	Neurosciences and Neurogenetics	Elective
8	27	MM104	Gene and Cell Therapy	Elective



# MM101: MOLECULAR BASIS OF MONOGENIC DISEASES

COORDINATOR: Marina Kleanthous, Associate Professor

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## COURSE STRUCTURE

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 per cent 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, and 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.

The course covers the causes of monogenic diseases and details the pathophysiological mechanisms for exemplary disorders, with an emphasis on universal principles and state-of-the-art techniques.



## COURSE STRUCTURE

Complex diseases are common 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 methodological as well as conceptual applications that are being employed in investigating the genetic basis of complex diseases such as cancer, diabetes, cardiovascular and neurological disorders. A number of study designs past and present, which couple epidemiology and genetics, including family based linkage analysis, candidate gene approaches and genome wide association studies (GWAS), will be critically reviewed. Special attention will be given to the identification of specific gene effects, using techniques such as sequencing, haplotype analysis, SNP tagging, and to the application of robust methods for quantifying the strength of genetic variation to disease risk.

Results from already completed as well as ongoing studies will be presented and discussed. The field of human complex disease genetics is currently undergoing major transformation due to rapid technological developments coupled to the availability of larger sample sizes and better understanding of human genome sequence variation. These new developments will be at the centre of presentations and discussions in this course.



# MM103: NEUROSCIENCES AND NEUROGENETICS

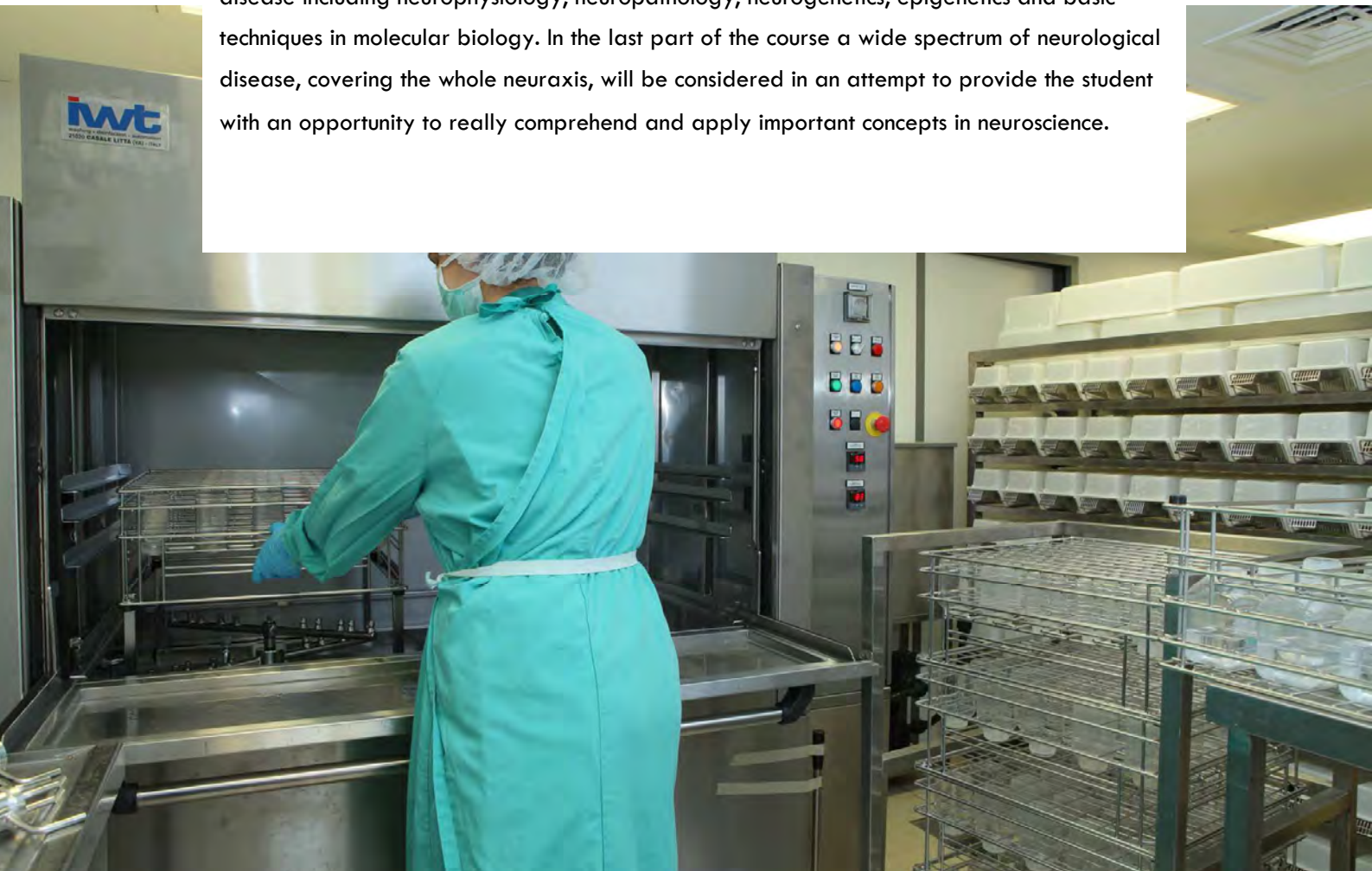
COORDINATOR: Theodoros Kyriakides, Professor

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## COURSE STRUCTURE

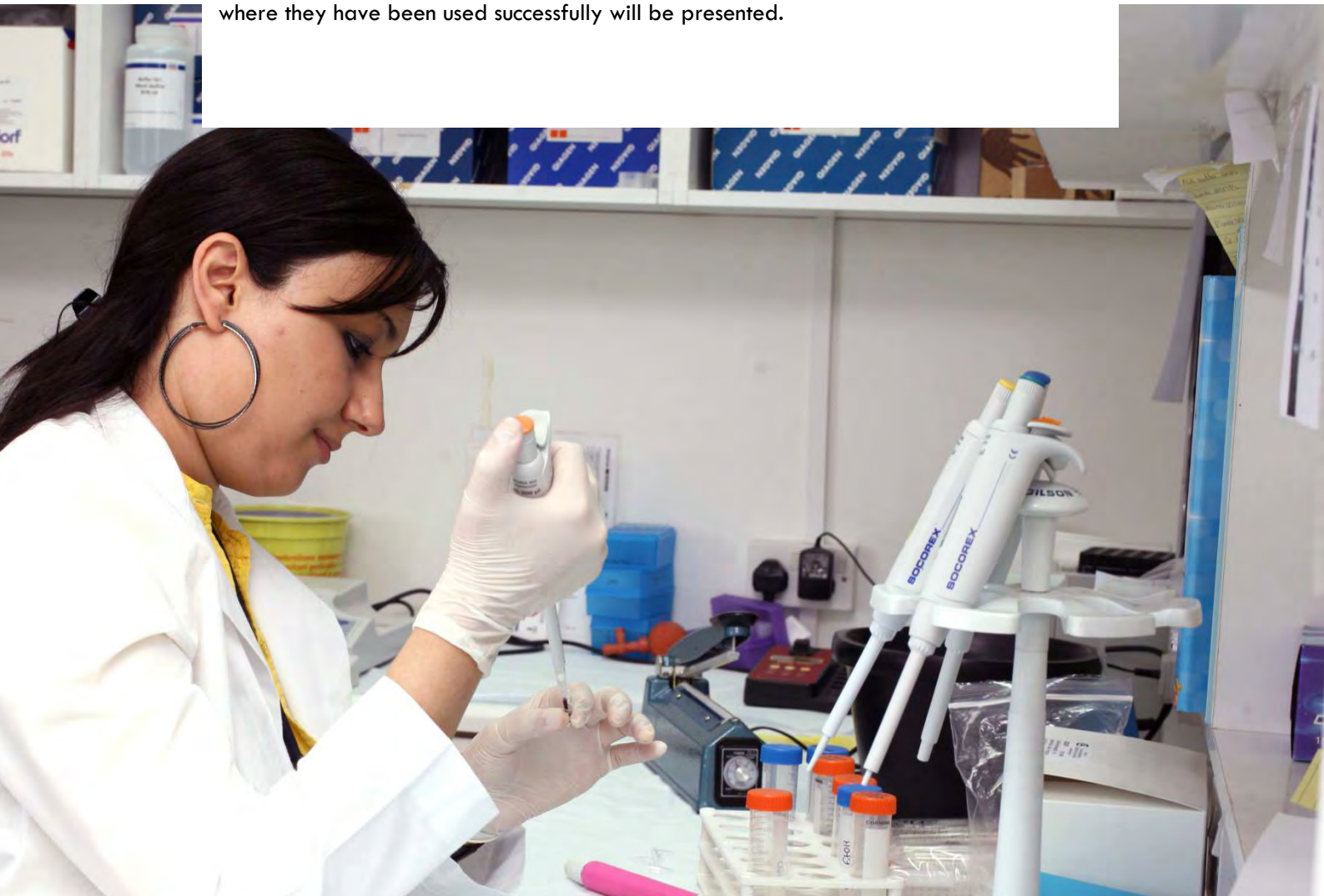
The purpose of the course is to provide a foundation and a stimulus for the understanding of structure and function of the nervous system. It will also provide the student basic knowledge on some of the methodologies used by different disciplines to study the nervous system.

The Neuroscience course is intended to cover various aspects of the biology of the central nervous and neuromuscular systems and to provide a framework that will enable the student to integrate information generated from a number of disciplines in this rapidly expanding area of science. Great emphasis will be given on correlating basic scientific principles to disease causation 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 cell physiology including intracellular signaling and neurotransmission. The physiology of the motor, the sensory and autonomic systems and Cognition will form the basis of understanding the norm before proceeding to enter the realm of diseases affecting the nervous system. The course will cover various tools used to dissect disease including neurophysiology, neuropathology, neurogenetics, epigenetics and basic techniques in molecular biology. In the last part of the course a wide spectrum of neurological disease, covering the whole neuraxis, will be considered in an attempt to provide the student with an opportunity to really comprehend and apply important concepts in neuroscience.



## COURSE STRUCTURE

The course of Gene and Cell Therapy (GCT) will include the main aspects of the fields of Gene and Cell therapy. The majority of diseases, inherited or acquired later in life can be can valid candidates for genetic or cell therapy. To date, several and various approaches towards this destination have been attempted. Some of these attempts have been tested in patients in clinical trials; however the majority is at the research pre-clinical stage since both Gene and Cell Therapy are recent fields. During the course of Gene and Cell Therapy, specific examples of diseases where gene or cell therapy is applicable will be presented. Moreover, special emphasis will be given to the types of gene delivery vehicles. Viral vectors will be presented and their uses in various therapeutic approaches will be mentioned. Non-viral vector will also be discussed, as means to deliver nucleic acids. Genetic tools such as regulatory RNA sequences which can be delivered or expressed endogenously in order to interfere and repair defective gene expression in diseases will be also discussed. Finally, cellular therapies will be discussed and examples where they have been used successfully will be presented.



## COURSE STRUCTURE

The course in Molecular Genetics will focus primarily on human genetics where selected areas of emphasis will cover a broad range of basic concepts including: concept of the gene and its function, DNA structure, mechanisms of transcription and translation, gene expression, cell division, patterns of inheritance, pedigree analysis and genetic counselling. More complex areas will also be addressed, like identifying and analyzing functional genes, understanding the role of mutations in disease and human evolution, population genetics and the significance of the Human Genome Project and its outcomes and fields that followed the completion of the Human Genome Project. Applied topics such as the use of genetics in medicine and forensics, as well as ethical considerations surrounding the application of molecular genetics will also be covered.





## COURSE STRUCTURE

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 in 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 in bibliography.



# MG103: METHODOLOGIES & TECHNOLOGIES APPLIED IN MEDICAL GENETICS

COORDINATOR: Kyroula Christodoulou, Professor

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## COURSE STRUCTURE

The course of Methodologies and technologies applied in Medical Genetics (MTAMG) will consist of lectures, laboratory demonstrations for some lectures 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 blotting, DNA sequencing, DNA repeats analysis, MLPA analysis, DHPLC analysis, DGGE analysis, SSCP analysis, SNP analysis, Real Time PCR, analysis of single cells, Northern blotting, Western blotting, microarray technology, linkage analysis, linkage disequilibrium and association analysis, chromosomal analysis and cell cultures.



## COURSE STRUCTURE

The course will cover the biochemical aspects of genetic diseases, i.e. how mutations affect the structure and function of proteins and how this contributes to the pathogenesis of genetic diseases. Representative disorders that illustrate how genetic defects in different classes of proteins disrupt cell and organ function will be described. The relationship between a molecular defect and the resulting clinical pathology will also be examined. Special emphasis will be given to inherited metabolic disorders which constitute the focus of the rapidly expanding field of human biochemical genetics. Approximately one thousand inborn errors of metabolism have been identified to date, primarily through the detection of endogenous metabolites abnormally accumulated in biological fluids and tissues. The majority of these disorders are the result of an enzyme deficiency. The clinical, biochemical and molecular features of inborn errors of metabolism will be covered and the diagnostic strategies employed will be discussed. Moreover, the most important biochemical techniques currently used in the diagnosis and monitoring of inborn errors of metabolism will be introduced, including HPLC, GC/MS and MS-MS.



## ADMISSION CRITERIA FOR EACH PROGRAM & APPLICATION PROCEDURE

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

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- A Bachelor's 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 publicized in the web site, the prospectus, 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. An Application Form
2. Two Academic References
3. Academic Transcripts
4. English language certificate (if English is not a student's native language)

## SCHOLARSHIPS

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

Also, scholarships for the PhD Program will be available for the 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 and 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 Lab project (thesis) or PhD examination and an academic publication.

## STUDENTS' INFORMATION

### COURSE REGISTRATION

Students can access the online service, by the deadlines of each semester, with the use of their CSMM username and password. Students are expected to follow the academic calendar regarding their fee payment and registration deadlines.

Students are expected to attend all necessary lectures and lab research.

### 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.

### COUNSELLING AND GUIDANCE

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

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

Additionally, students may also consult the education office on other topics related to their 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 Students, policies.



## STUDENTS' SERVICES

### INFRASTRUCTURE

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 will be available inside the Library area. Students will be able to access the internet and work on their assignments. Printing facilities will also be available.

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

The Cyprus Institute of Neurology and Genetics has state-of-the-art equipment in all its Departments and Clinics which is used for the specialised diagnostic services and research activities. Some of the equipment have been purchased

through competitive research funding and are 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. Some of the equipment which is dedicated for each Department/Clinic or for core usage are: 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.

A café/restaurant is available inside the CING with subsidised prices for all CING employees and the students. Also, 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.

## ACCOMMODATION

The students of the Cyprus School of Molecular Medicine can choose from a great range of private apartments and houses in walking distance from 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.

## SERVICES FOR STUDENTS WITH SPECIAL NEEDS

The CSMM is committed to treat 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

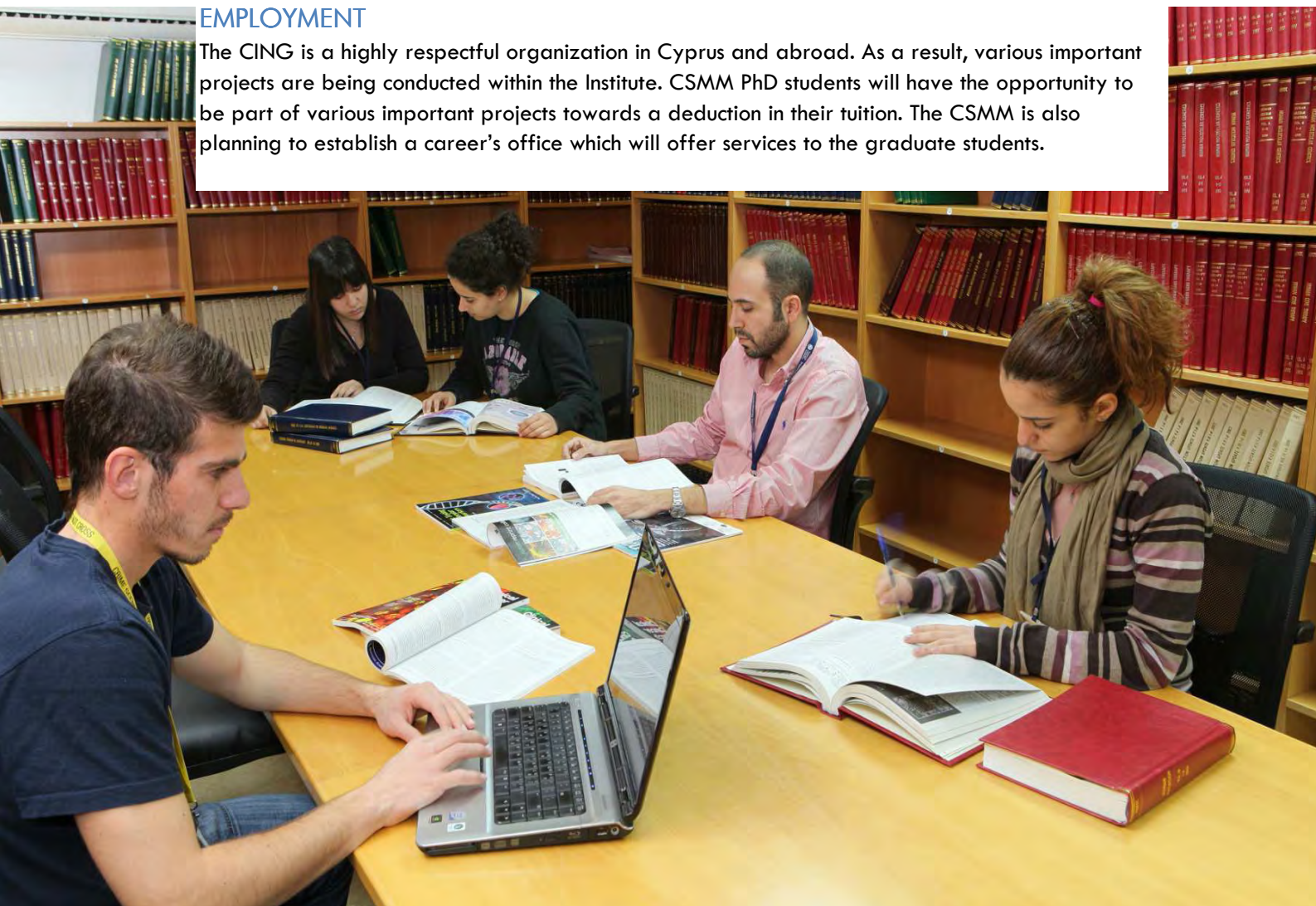
All E.U. students who have the European Medical Card E111 are entitled, upon presentation of the card, to a free medical and pharmaceutical care by the Cyprus public hospitals.

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 the private medical insurance immediately upon arrival in Cyprus as it is a requirement to obtain the VISA.

## EMPLOYMENT

The CING is a highly respectful 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 deduction in their tuition. The CSMM is also planning to establish a career's office which will offer services to the graduate students.



## CYPRUS SCHOOL OF MOLECULAR MEDICINE FACULTY & ADMINISTRATION

The Cyprus School of Molecular Medicine is owned by the Cyprus Institute of Neurology and Genetics. It has a School Council, a Chief Executive Director, a Dean, Faculty, Committees and an Education Office.

### THE SCHOOL COUNCIL

*The Council of the School is composed of 9 members*

Names of the members of the Council:

1. CING Chief Executive Medical Director and BoD Member, Prof. Philippos Patsalis (*President*)
2. (2) CING BoD Members Prof. Andreas Demetriou, Dr. George Constantinou (*Members*)
3. Dean of the CSMM Prof. Leonidas A. Phylactou (*Member*)
4. (4) Faculty members of CSMM Prof. Kyriacos Kyriacou, Prof. Kyroula Christodoulou, Prof. Marios Cariolou, Dr. Marina Kleanthous (*Members*)
5. (1) Elected Student Representative (*Member*)

### DIRECTOR OF THE SCHOOL

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

### THE DEAN OF THE SCHOOL

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

### THE DIRECTOR OF ADMINISTRATION AND FINANCE

The Finance and Administrative Director of CING is the ex-officio Finance and Administrative Director of the School who will have the responsibility for the financial and administrative work of CSMM. Mr. Marios Flouros is the Finance and Administrative Director of the School.

### PROGRAM COORDINATORS

The Program Coordinators will be responsible for the management and coordination of the specific programs of CSMM. Prof. Kyriacos Kyriacou is appointed as **Molecular Medicine Program Coordinator** and Prof. Kyroula Christodoulou is appointed as **Medical Genetics Program Coordinator**.

### EDUCATIONAL OFFICE PERSONNEL

**MANAGER:** Mr. Marinos Voukis (marinosv@cing.ac.cy , +35722392842) Room 436

**OFFICER:** Ms Maria Lagou (marial@cing.ac.cy, + 35722392841) Room 436

The education office personnel consists of the Education Office Manager, Administrative Service Officers and supportive staff such as Secretary and IT Assistant.



## FACULTY

Cariolou Marios, *Professor*

Christodoulou Kyproula, *Professor*

Kleopa Kleopas, *Professor*

Kyriacou Kyriacos, *Professor*

Kyriakides Theodoros, *Professor*

Patsalis Philippos, *Professor*

Phylactou Leonidas, *Professor*

Drousiotou Anthi, *Associate Professor*

Kleanthous Marina, *Associate Professor*

Sismani Carolina, *Assistant Professor*

Hadjisavvas Andreas, *Assistant Professor*

Bashiardes Evy, *Lecturer*

Lederer Carsten, *Lecturer*

Petrou Petros, *Lecturer*

Mastrogiannopoulos Nicolas, *Lecturer*

# CYPRUS SCHOOL OF MOLECULAR MEDICINE COMMITTEES

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## ACADEMIC COMMITTEE

Prof. Leonidas A. Phylactou (*Chairman*)

Prof. Kyriacos Kyriacou

Prof. Kyproula Christodoulou

Student Representative

## ADMISSIONS COMMITTEE (MOLECULAR MEDICINE)

Prof. Kyriacos Kyriacou (*Chairman*)

Dr. Marina Kleanthous

Prof. Theodoros Kyriakides

Prof. Leonidas A. Phylactou

Student Representative

## ADMISSIONS COMMITTEE (MEDICAL GENETICS)

Prof. Kyproula Christodoulou (*Chairman*)

Prof. Marios Cariolou

Prof. Philippos Patsalis

Dr. Petros Petrou

Student Representative

## ADMINISTRATION COMMITTEE

Prof. Philippos Patsalis (*Chairman*)

Prof. Leonidas Phylactou

Mr. Marios Flouros

Student Representative

## DISCIPLINARY COMMITTEE

Prof. Leonidas Phylactou (*Chairman*)

Prof. Kyriacos Kyriakou

Prof. Marios Cariolou

Student Representative

## FEES AVAILABLE FOR EACH PROGRAM

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. Afterwards, students must inform the CSMM Education Office by submitting their analytical payment details.

Students will be informed about the exact payment deadlines. Late tuition fee payments will incur a penalty fee.

### FEES AND OTHER CHARGES

A/A	DESCRIPTION	AMOUNT (€)	DETAILS
1	Tuition fees	8.000 Please see <b>note 3</b> below	for MSc program for PhD program
2	Application fees	40	per application
3	Registration fees	25	per registration
4	Late Registration Fees	25	
5	Technology fees (internet & email use)	10	per registration
6	Transcript Fees	5	per additional copy
7	Graduation fees	50	

#### **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 (Euro 20,750) is divided into the 4 years of study. The cost for the 1<sup>st</sup> year of studies is amounted to Euro 5,450. Scholarships will be available to cover the tuition fees of the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year of studies amounting to Euro 15,300.

## ACADEMIC CALENDAR

Full time studies: Lectures scheduled every day, from 13:30 to 20:00.

CALENDAR FOR THE ACADEMIC YEAR 2012-2013		
	Fall Semester	Spring Semester
<b>Registration period</b>	27 Aug. - 7 Sept. 2012	21-25 Jan. 2013
<b>Beginning of courses</b>	24 Sept. 2012	28 Jan. 2013
<b>Deadline to ADD / DROP course</b>	8 Oct. 2012	11 Feb. 2013
<b>Last days of lectures</b>	21 Dec. 2012	26 Apr. 2013
<b>Examinations</b>	7-10 Jan. 2013	13-16 May 2013
<b>Holidays</b>	22 Dec. 2012 - 6 Jan. 2013	27 Apr. - 12 May 2013

PUBLIC HOLIDAYS FOR THE ACADEMIC YEAR 2012-2013	
01 October 2012	Independence Day
28 October 2012	Greek National Day
24 December 2012	Christmas Eve
25 December 2012	Christmas Day
26 December 2012	Boxing Day
31 December 2012	New Year's Eve
01 January 2013	New Year's Day
06 January 2013	Epiphany Day
18 March 2013	Green Monday
25 March 2013	Greek Independence Day
01 April 2013	National Day
02 May 2013	Good Thursday (Half Day)
03 May 2013	Good Friday
06 May 2013	Easter Monday
24 June 2013	Whit Monday
01 May 2013	Labor Day
15 August 2013	Assumption Day

## HOW TO FIND US

### PHYSICAL ADDRESS

Cyprus School of Molecular Medicine  
The Cyprus Institute of Neurology and Genetics  
6 International Airport Ave.  
Ayios Dhometios, Nicosia, Cyprus

### ADDRESS FOR CORRESPONDENCE

Cyprus School of Molecular Medicine  
The Cyprus Institute of Neurology and Genetics  
6 International Airport Ave.  
Ayios Dhometios, P.O.Box 23462  
1683 Nicosia, Cyprus

### 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. Go straight ahead, past Orphanides supermarket (on your left), Metro supermarket (on your left) and Jumbo Toy Stores (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, 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” and Cyprus Airways on your right, go straight ahead on 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, and following a sharp bend, the entrance to the Institute is on your left.

### USEFUL NUMBERS

Telephone CING: +35722 358600  
Telephone CSMM: +35722 392840  
Telefax CING: +35722 358237  
Telefax CSMM: +35722 392845  
Website: <http://www.cing.ac.cy/csmm/>

Prospectus approval date by the Ministry of Education and Culture, person legally responsible for the School

#### LEGAL RESPONSIBILITY

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

#### PROSPECTUS APPROVED BY

The prospectus has been approved by the Ministry of Education and Culture by their letter dated on 27<sup>th</sup> of March 2012.







# CYPRUS SCHOOL of molecular medicine

6, International Airport Ave.,  
2370, Ag. Dhometios, P.O. Box 1683,  
23462 NICOSIA, CYPRUS  
[www.cing.ac.cy/csmm](http://www.cing.ac.cy/csmm)

A SCHOOL OF THE CYPRUS INSTITUTE OF NEUROLOGY & GENETICS