


## International Doctoral Summer School 2019. Molecular oncology (MOLON)

GRANADA (SPAIN) SEPTEMBER 10-13, 2019	
	<p>The aim of the International Doctoral Summer School in MOLECULAR ONCOLOGY (MOLON) is to gather professionals (professors, postgraduated, specialists in medicine), students and researchers for a week to share knowledge and experiences on relevant issues related with Molecular Oncology connected to Medicine, from an interdisciplinary approach. All the teaching staff members are high-level specialists on the topic, so quality and novelty is warranted.</p> <p>The course will offer students an opportunity to complete their education in this specific field which is very demanded in recent years. Moreover, this course offers young researchers to update with the most innovative areas of interest in oncology investigation at the same time that they can interact with many specialists in the field. This will open future opportunities of collaborations or professional carriers' developments in these young researchers.</p> <p>In addition, this course also offers not only talks, but also workshops with a reduced number of students that will be essential for improving students' training in very important tasks in future scientists as workshops of scientific writing or PCR applications.</p>

• Website MOLON 2019

### 1. DESCRIPTION

#### • Teaching activities

The course will last four days, with sessions concentrated mostly in the morning which will be dedicated for the **Scientific Program**. This International Doctoral Summer School will be developed combining theoretical seminars guided by experts from Europe in molecular oncology and practical workshops. These activities will be developed in three main buildings: Corralade Santiago, Sciences Park and Health Service Technology Park. We will visit relevant scientific buildings such as GENYO (Pfizer-University of Granada-Junta de Andalucía Centre for Genomics and Oncological Research) which is equipped with the most updated technologies and equipments for developing Molecular Oncology concepts, so it will bring students' the opportunity to be in contact with these innovative technologies and experts. Consequently, the course is supported by the latest scientific evidence, which will be presented by specialists in the areas of Molecular Biology, Oncology, among others.

Sessions will last 30 minutes followed by 15 minutes for discussion; workshops will last 1 hour to let students having more debate and a deep learning of these special practical classes.

Evenings will be dedicated to the **Social Program**, with many cultural and leisure activities such as a guided visit to "The Alhambra", Carmen de la Victoria, Sciences Park, among others of the many cultural activities that offers this city.

#### • Who can attended

This course is aimed at undergraduate; young researchers, master's and PhD students related to Health Sciences, Biomedical or Biological Sciences; but also to everyone who wish to deepen the molecular basis of cancer, as well as take in contact with the main molecular techniques used for its diagnosis, monitoring and treatment.

It is also aimed for medical residents, technicians and research teaching staff for improving their knowledge about genome and its application in the current clinic, which is a leading topic these days.

We will welcome everyone who wants to improve and get in contact with the most updated talks and technologies in Molecular Oncology.

### 2. PROGRAM

#### 2.1 Scientific program

INTERNATIONAL DOCTORAL SUMMER SCHOOL OF MOLECULAR ONCOLOGY MOLON2019

Fuente: [https://escuelaposgrado.ugr.es/doctorado/escuelas/escuelasdeverano/2019/idss-2019/mo\\_2019/index](https://escuelaposgrado.ugr.es/doctorado/escuelas/escuelasdeverano/2019/idss-2019/mo_2019/index)

Granada, Spain. Tuesday 10th to Friday 13th, September 2019

Tuesday, September 10th

Place: Corrala de Santiago, Calle Santiago, 5, 18009 Granada, Map

Moderator: Marta Cuadros Celorrio

10:00-11:00 Participants' reception

11:00-12:00 Course presentation. Inaugural Talk Sponsorship Illumina

12:00-12:45 Molecular bases of cancer. The differences in molecular and biological point of view between normal and cancer cells will be described. Moreover, the mechanisms of genetic regulation and changes caused by neoplastic transformation will be mentioned. Question time with Dra. M<sup>a</sup> Jesús Álvarez Cubero UGR/GENYO

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## 2.2 Sociocultural program

Our scientific program will be complemented with a sociocultural program in the city of Granada. We will visit the Alhambra, one of the main chosen destinations by visitors from all over the world; and PTS (The Health Sciences Technology Park). PTS is one of the most prominent research centers of the University of Granada. In addition, we will visit the Sciences Park, which is a science and museum center, located a few minutes' walk from the historical center of Granada. The Science Park is since its inauguration, in 1995, is the most visited museum in Andalusia.

- The Health Sciences Technology Park, PTS
- Pfizer-University of Granada-Junta de Andalucía Centre for Genomics and Oncological Research, GENYO
- Alhambra
- Sciences Park

## 3. ADMISSION AND REGISTRATION

The International Doctoral Summer School "MOLECULAR ONCOLOGY" (MOLON) arises from the need for knowledge of Molecular Biology of Cancer; which is one of the relevant topics that has revolutionized the present and the future of Oncology. We strongly believe this is a very interesting thematic, and we offer a complete program which is of great interest for PhD students in Health Sciences. Likewise, it will allow them to interact with other research groups and principal researchers, which will provide students the opportunity to establish national and international scientific collaborations.

### 3.1 Registration process

Number of places: 20

	BEFORE 15TH OF MAY 2019	AFTER 15TH OF MAY 2019
Students <sup>1)</sup>	250€	300€
Students <sup>2)</sup>	350€	400€
Resident students in Granada	100€	150€

**Deadline for registration: August 15th, 2019**

Registration fee includes:

- <sup>1)</sup> Accommodation in double room and breakfast in Corrala of Santiago University residence (from 9th to 12th).
- <sup>2)</sup> Accommodation in single room and breakfast in Corrala of Santiago University residence (from 9th to 12th).
- Assistance to the Course.
- Inauguration dinner in Carmen de la Victoria.
- Participation in the social activities of the School: visit to The Alhambra, PTS (Health Service Technology Park) Granada and Sciences Park.
- The whole training program of Molecular Oncology Course and workshops.

To complete the registration, please, make a bank transfer with your name, indicating **MOLON** to: ES67 2038 3505 3764 0000 1291.

Send an e-mail with the bank transfer receipt to --LOGIN--e1d68347d5bea1f7358117b20c5d2b4cugr[dot]es. Please, attach in this mail, your PhD project to apply for the prize and curriculum vitae to apply for the scholarship accommodation.

## 4. GRANTS AND PRIZES

Students can present their PhD project, scientific work or master proposal. One poster award of 250€ will value the best presentation, assessing the excellence in research, clarity in presentation, and personal knowledge demonstrated in the discussion of the project.

It will be awarded with a scholarship that covers the cost of accommodation and registration to the best curriculum vitae (CV) of the students registered. Students wishing to apply for this scholarship should send their CV with bank transfer receipt, indicating MOLON, to [molecularoncology@ugr.es](mailto:molecularoncology@ugr.es).

## 5. COMMITTEES

**Coordination:** Cuadros Celorio, Marta/Rodríguez Lara, María Isabel.

### Scientific Committee:

Álvarez Cubero, María Jesús

Cuadros Celorio, Marta

García Chaves, M<sup>a</sup> Ángel

Martínez González, Luis Javier

Rodríguez Lara, M<sup>a</sup> Isabel

Rufino Palomares, Eva

Sánchez Medina, Pilar

### Organizing Committee:

Álvarez Cubero, María Jesús

Cuadros Celorio, Marta

García Chaves, M<sup>a</sup> Ángel

Martínez González, Luis Javier

Rodríguez Lara, M<sup>a</sup> Isabel

Rufino Palomares, Eva

Sánchez Medina, Pilar

Sevilla Olmedo, Teresa

### Guest professors:

Osorio Cabrero, Ana. CNIO

Rojas Expósito, Juan. Ludwig Maximilians University

Cañadas Garre, Marisa. Queen's University Belfast

### Teaching staff:

Álvarez Cubero, María Jesús	Department of Biochemistry and Molecular Biology III and Immunology. University of Granada and Research Center GENYO
Álvarez Pérez, Juan Carlos	Department of Biochemistry and Molecular Biology I. University of Granada. Research Center GENYO
Cuadros Celorio, Marta	Department of Biochemistry and Molecular Biology III and Immunology. University of Granada. Research Center GENYO
Fernández Coira, Isabel	Research Center GENYO
García Chaves, M <sup>a</sup> Ángel	Department of Biochemistry and Molecular Biology III and Immunology. University of Granada
López Onieva, Lourdes	Department of Biochemistry and Molecular Biology I. University of Granada. Research Center GENYO
Martínez González, Luis J.	Research Center GENYO
Medina Vico, Pedro	Department of Biochemistry and Molecular Biology I. University of Granada. Research Center GENYO
Robles Fernández, Inmaculada	Research Center GENYO
Rodríguez Heras, Sara	Department of Biochemistry and Molecular Biology II. University of Granada. Research Center GENYO
Rodríguez Lara, M <sup>a</sup> Isabel	Department of Biochemistry and Molecular Biology I. University of Granada. Research Center GENYO
Rufino Palomares, Eva	Department of Biochemistry and Molecular Biology I. University of Granada
Sánchez Medina, Pilar	Department of Biochemistry and Molecular Biology III and immunology. University of Granada

## Scientific Groups

- CTS-202
- CTS-993
- BIO-157
- BIO-253

## Centres

- Medicine Faculty
- Sciences Faculty
- GENYO in the PTS

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## 6. NEWS

### • Tourism in Granada

For historical, cultural and geographical reasons, the province of Granada has a relevant legacy of great tourist interest, since its location and climate, together with the Alhambra as the most emblematic monument, which is one of the most visited monuments in the world.

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### • Information of interest

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**Página oficial de turismo de Granada** <http://www.turgranada.es/en/>

**Alhambra** <http://www.alhambra-patronato.es/>

**Ayuntamiento de Granada** <https://www.granada.org/>

**Planos y mapas de Granada** [http://www.turgranada.es/mapas-y-planos/mapas-y-planos.php?id\\_idioma=1](http://www.turgranada.es/mapas-y-planos/mapas-y-planos.php?id_idioma=1)

**Gastronomía** <https://www.guiasgranada.com/tapas-granada.php>