



# 5th GEIVEX Symposium

Granada · 6-8 November 2019

Flash-talks  
slides upload

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## Presentation

Dear colleague,

As you may be aware, **GEIVEX** is a young, but already consolidated, non-profit organization which exists to promote research, innovation and knowledge exchange in the field of Extracellular Vesicles (EVs). Our aim is to advance personalized medicine by developing new tools and biomarkers with high social impact to generate benefits and equality in global health. The highlight of this year that is coming to an end was our extensive participation in the co-organisation, with the International Society of EVs, of the annual meeting of the International Society for Extracellular Vesicles (ISEV) held in Barcelona last May. Here we present the new activities we are already planning for 2019 and that we hope you might find of interest to your company.

We are excited to announce that the **5th International GEIVEX symposium** will be held on 6-8th of November 2019 in Granada, Spain. As usual, we expect that most research groups from both Spain and Portugal will attend this meeting, together with a select group of international speakers. On this occasion, we are also planning a **Hands-on workshop** on the pre-meeting day (November 5th) dealing with **"Biomarkers and EVs: concepts, advances and technical considerations"**. We would be happy to organize a hands-on demonstration of any EV-specialised equipment that could be of interest for EV researchers, both in the laboratory and in the clinic. Research in EVs, like many other fields, combines basic and clinical aspects, and this is the basis of our translational work. This 5th International Symposium will focus on novel concepts in EVs. In order to achieve productive discussions and maintain the excellent standards of our symposia, we are already working to provide a list of high-quality keynote speakers for each session.

Above all, we consider this 5th International Symposium in 2019 as an important opportunity to create and strengthen partnerships between professionals dedicated to EVs, from both basic and clinical fields and also to have the opportunity to meet the renowned speakers.

We look forward to your active and enthusiastic participation in the meeting and also to enjoy an exceptional location.

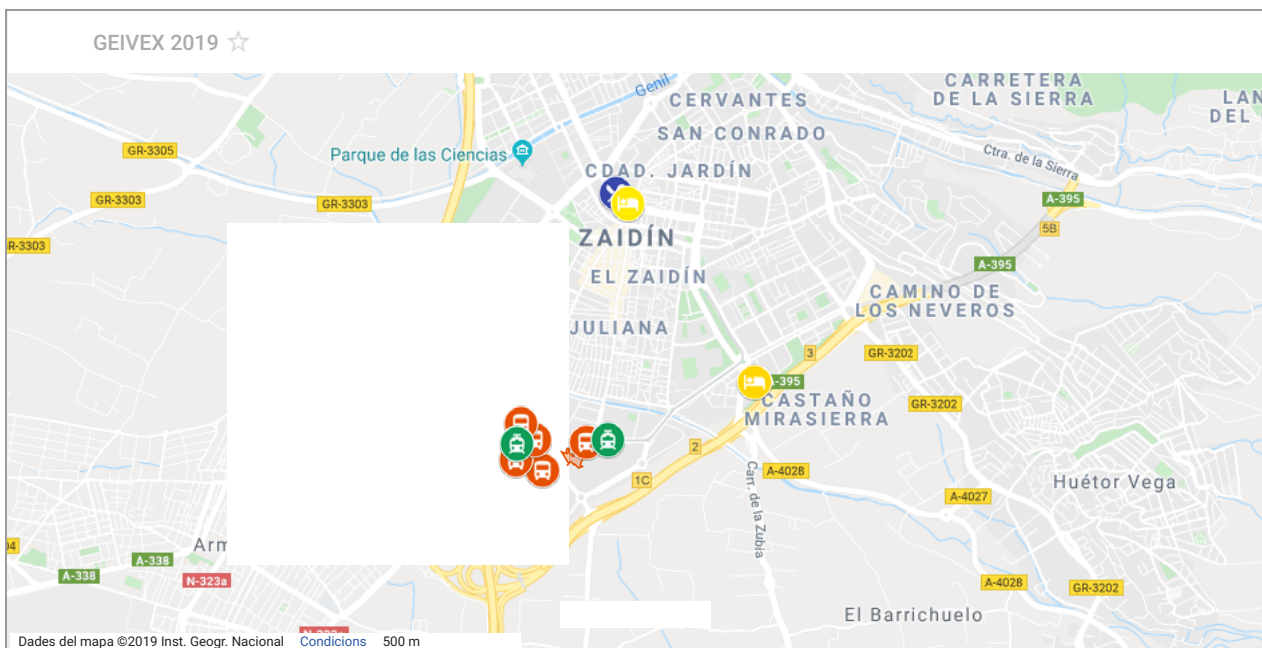
Mercedes Zubiaur and Matilde Bustos (On behalf of the Local Organizing Committee)

Hernando del Portillo (GEIVEX President)



The chosen venue will be the **Paraninfo** of the **Central Services in the Health Technological Park (PTS)**, Granada University (UGR), easily accessible from the city centre by metro and bus and surrounded by university buildings, as the Medical School, the Faculty of Health Sciences, the University Hospital as well as research-focused institutions including the Institute of Parasitology and Biomedicine "López-Neyra" (IPBLN) from the Spanish National Research Council (CSIC), the Pfizer-UGR-Junta de Andalucía Centre for Genomics and Oncological Research (GENYO), the Biobank, the Public Health Service of Andalucía, the BIC Business Center Granada; the Advanced Multifunctional Center for Simulation and Technological Innovation (CMAT) and the Biomedical Research Center (CIBM-UGR).

The Paraninfo building comprises the Main Auditorium, Cafeteria and Restaurant, and the Central Sciences Library surrounded by gardens. It offers a relaxed and open environment for interaction between attendees and high visibility for sponsors.



### The city of Granada

If there is a city that truly evokes the essence of Spain, that city is Granada. A cross-roads of civilizations since time immemorial and in an unparalleled location. Granada is a vibrant, friendly and lively metropolis that is full of culture. The Alhambra, the flagship of the city's vast historical heritage, stands on a hilltop overlooking a city that attracts around three million visitors every year.

The city of Granada, is a safe modern city, also has an outstanding geographical location just 40 minutes from the Mediterranean Coast with its tropical climate, and 40 minutes from the Sierra Nevada ski resort and UNESCO Creative Cities Network (UCCN) in the Literature category. Granada, an iconic city in literature from Yehudá Ibn Tibón (1120-1190) and Ibn Zamrak (1333-1394), to Ángel Ganivet (1865-1898) Federico García Lorca (1895-1936) and Francisco Ayala García-Duarte (1906-2009). Granada has festivals, institutions and facilities related with visual arts, performing arts, film and music that make up a stimulating and content-rich cultural life throughout the year. The Granada Festival of Music and Dance was born in the Alhambra to gather and to convey that heritage, to strengthen the link between the imagined city and the real one, between the popular and cultural Andalusian tradition and the vast legacy of the great European musical culture. The Alhambra and Generalife Trust, Euro-Arabic Advanced Studies Foundation, Francisco Ayala Foundation, Academy of Letters, as well as festivals and private-public initiatives of all kinds. Moreover the Centro Federico García Lorca was recently opened in the city center.

The Alhambra was a palace, a fortress and a citadel; the residence of the Nasrid Sultans and top government officials, court servants and the royal guard. The Nasrid Kingdom became the last Islamic sultanate on the Iberian Peninsula, and its capital Granada progressively received Muslim populations forced to retreat from the Christians until it was conquered at the end of the 15th century.

UNESCO declared the [Albaicín](#) World Cultural Heritage in 1994, a neighbourhood in front of the Alhambra with lovely narrow streets and traditional houses. The Albaicín have also preserved a popular, hospitable atmosphere for hundreds of years.

In Granada you can find mountains, parks and valleys, along with the coast. The Sierra Nevada Nature Area, comprising its National Park and Nature Park, is a mountain range which boasts the highest peak on the Iberian Peninsula: Mulhacén (3,482 metres). It forms part of the Penibetic range, which stretches from the south-eastern part of Granada province to the western borders of Almería. Due to the great variety of its landscapes and the uniqueness of its natural features, Sierra Nevada is included in several different categories of protection. Apart from being a Nature Park and National Park, it is also an internationally recognised [Biosphere Reserve](#). The coast of Granada in Spain is called [Costa Tropical](#), due to its special location, protected by the high Sierra Nevada Mountains from the north wind.

Granada is one of the main references of [Flamenco](#) in Spain, especially in the Sacromonte caves.

#### How to get to Granada

- **Flying to Granada**

Granada-Jaén GRX airport is 15 kilometres (9.3 miles) from the city centre.

Operating times for the Airport Bus Line.

For passengers with reduced mobility, ask for assistance by telephone, at least, 24h in advance T 902 42 22 42 [www.alsa.es](http://www.alsa.es).

- **Driving to Granada**

The A-44 and A-4 highways link Granada and Madrid. The A-92 links Granada to Seville and Malaga. The A-92 also connects to the Levant, continuing the route along the A-7. The A-44 links Granada with Motril, on the Tropical Coast.

- **Coming to Granada by bus**

From Granada bus station you can travel anywhere in Spain and to Europe's main destinations.

- **Coming to Granada by train**

Granada railway station is in the city centre. On Avenida Andaluces. You can consult the timetables of trains to and from Granada on the [Renfe website](#). The Organization has reached agreements with Renfe to provide [discounts for attendants](#). You can download the authorization [here](#). To validate the discount you must proceed following this steps:

- 1.- Select the train by marking the Flexible Rate.
- 2.- In the drop-down of rates select the Congress / Events rate.
- 3.- Enter the authorization number in the box indicating the authorization number (Not valid for the discount code box)

#### How to get to the Paraninfo

By Bus: Bus numbers: 4; U3; U3FR (<http://www.transportesrober.com/>)

By Metro: to metro station Parque Tecnológico.

#### Accommodation

The organization has reached agreements with the following hotels that offers special rates for attendants:

- Barceló Granada Congress
- Hotel Andalucía Center
- Hotel Abades Nevada Palace

If you are interested in stay in one of these hotels, you must contact directly with them indicating the discount. Rates, contact data and reservation codes are shown in the map.

GEIVEX BOARD (Scientific Committee)

PRESIDENT

- Hernando A. del Portillo – ICREA Research Professor – ISGlobal (Barcelona) + IGTP (Badalona)

DEPUTY PRESIDENTS

- Juan Manuel Falcón-Pérez – CICbioGUNE, Derio (Bizkaia).
- Francesc E. Borràs – IVECAT, Int. Germans Trias i Pujol (Campus Can Ruti), Badalona (Barcelona).

TREASURER

- Héctor Peinado - Centro Nacional Investigaciones Oncológicas (CNIO), Madrid

SECRETARY

- Mar Valés-Gómez - Centro Nacional de Biotecnología, CNB- CSIC, Madrid



[Scientific  
Committee]

## BOARD MEMBERS

- Francisco Sánchez-Madrid – S. Inmunología, Instituto de Investigación Sanitaria Princesa. Madrid (IIS-IP)
- Antonio Marcilla - Dpto. Farmacia y Tecnología Farmacéutica y Parasitología, F. Farmacia, Universitat de Valencia.
- María Yáñez-Mó - CBM-SO, Instituto de Investigación Sanitaria Princesa (IIS-IP), Universidad Autónoma de Madrid (UAM), Madrid.
- Helena Vasconcelos – IPATIMUP/i3S and Faculty of Pharmacy, University of Porto (Portugal)
- David Otaegui – Biodonostia Health Research Institute - Donostia University Hospital, San Sebastián
- Marcella Franquesa-IVECAT, Int. Germans Trias i Pujol (Campus Can Ruti), Badalona (Barcelona).
- Mercedes Zubiaur (Cellular Biology and Immunology Department, IPBLN-CSIC, Granada)
- Matilde Bustos (Institute of Biomedicine of Seville– IBIS-CSIC, Seville)

## Local Organizing Committee

- Mercedes Zubiaur - Cellular Biology and Immunology Department, IPBLN-CSIC, Granada
- Matilde Bustos - Institute of Biomedicine of Seville– IBIS-CSIC, Seville
- Ana C. Abadía – Biochemistry and Molecular Biology and Immunology, School of Medicine, UGR, Granada
- Francisco J. Blanco - Biochemistry and Molecular Biology and Immunology, School of Medicine, UGR, Granada
- Concepción Marañón - GENYO Centre (Pfizer – Junta de Andalucía – Universidad de Granada) for Genomics and Oncological Research, Granada



### 8:00 REGISTRATION

#### 8:45 WELCOME REMARKS

Institutional welcome  
Welcome by the Local Organizing Committee.  
Hernando del Portillo, GEIVEX president

#### 9:15 OPENING LECTURE: JACKY GOETZ –

INSERM UMR\_S1109, Strasbourg, France  
Chair: Héctor Peinado (CNIO, Madrid)

#### 10:15 Coffee break

#### 10:45 SESSION I - FUNDAMENTAL EVs BIOLOGY

Chairs: Ana C. Abadía Molina (UGR, Granada)

#### 12:45 Lunch

#### 14:00 SESSION II. EVs IN CANCER

Chairs: Juan Antonio Marchal (Ibs. GRANADA, IBIMER, CIBM, MNat, UGR) and Helena Vasconcelos (IPATIMUP, Porto)

#### 16:30 Coffee break

#### 17:00 SESSION III - EVs IN OTHER COMPLEX DISEASES

Chairs: Concepción Marañón (GENYO Centre (Pfizer – Junta de Andalucía – Universidad de Granada) for Genomics and Oncological Research) and David Otaegui (Biodonostia Health Research Institute, San Sebastián)

#### 17:45 SPONSORED PRESENTATION: IZON

#### 18:00 FLASH POSTERS PRESENTATIONS and POSTER WALK I

Chairs: Marcella Franquesa (IGTP, Badalona)

#### 21:00 Networking dinner (optional)



#### 9:00 SESSION IV - LIQUID BIOPSY AND BIOMARKERS

Chairs: Francisco J. Blanco (UGR, Granada) and Juan Manuel Falcón Pérez (CICBiogune, Derio)

#### 10:15 Coffee break

#### 10:45 MORNING LECTURE: DAVE CARTER, Department of Biological and Medical Sciences, Oxford Brookes University, President of the UK Society for EVs.

Chair: Francisco Sánchez-Madrid (IIS-IP, UAM, Madrid)

#### 11:45 SESSION V - ADVANCES IN EV METHODOLOGY

Chairs: Mercedes Zubiaur (IPBLN-CSIC, Granada) and María Yáñez-Mó (UAM, Madrid)

#### 12:45 Lunch

#### 14:00 SPONSORED PRESENTATIONS: IESMAT, NANOVIEW and CELL GUIDANCE

Chairs: Matilde Bustos (CSIC, IBI, Sevilla) and Dave Carter (Oxford Brookes University)

#### 15:00 GEIVEX activities. Networking with ISEV and other National Societies

#### 16:00 Coffee break

#### 16:30 AFTERNOON LECTURE: MARTIN OLIVIER, Professor at the Department of Microbiology and Immunology, McGill University, Montreal, Canada

Chair: Antonio Marcilla (UV, Valencia)

#### 17:30 SESSION VI - EVs IN INFECTION AND IMMUNITY

Chairs: Antonio Osuna (UGR, Granada) and Mar Valés-Gómez (CNB, Madrid)

#### 19:00 FLASH POSTERS PRESENTATIONS and TAPAS POSTER WALK II

Chairs: Jaime Sancho (IPBLN-CSIC, Granada)



#### 9:00 SESSION VII - EVs-BASED THERAPY AND TRANSLATIONAL MEDICINE

Chairs: José Antonio Lorente (GENYO, UGR, Granada) and Bernd Giebel (University Hospital Essen, President of GSEV).

#### 10:15 Coffee break

#### 10:45 CLOSING CONFERENCE: SAI KIANG LIM, Agency for Science, Technology and Innovation (A\*STAR), Institute of Medical Biology (IMB), Vicepresident of SOCRATES (Society for Research and Translation of Exosome Vesicles Singapore)

Chair: Hernando del Portillo (GENYO, Barcelona)

#### 11:45 ROUND TABLE DEBATE: PAST, PRESENT AND FUTURE.

Sai Kiang Lim (A\*STAR and IMB, Singapore)  
Jose Antonio López-Guerrero (IVO, Valencia)  
Bernd Giebel (University Hospital Essen)  
José Antonio Lorente Acosta (GENYO, UGR, Granada)

#### 12:20 CLOSING REMARKS AND AWARDS

#### 13:00 GEIVEX ANNUAL ASSEMBLY



Cells continuously secrete membrane vesicles to the extracellular space, which are called exosomes, microvesicles, apoptotic bodies, exomeres, etc... based on their origin and size. Extracellular Vesicles (EVs) have characteristic molecular cargo (protein, RNA, DNA, etc...) composition that partially depends on the cell of origin, carrying bioactive components that can influence the behaviour of target cells upon EV uptake. Therefore, EVs have been proposed as mediators of cell-to-cell communication in multiple biological and pathological processes such as coagulation, angiogenesis and tumor progression.

The fact that EVs can be detected in many biological fluids, including blood, saliva, urine and milk, makes them great candidates as non-invasive biomarkers for the diagnosis of different pathological processes such as chronic inflammation, cancer, cardiovascular diseases or infectious diseases.

In this workshop, we will summarize the state of the art in EV research as disease biomarkers, their role in physiology and pathology as well as the main technological tools we currently have for their study and characterization. Several hands-on demonstrations will be performed on November 5th in groups so that the attendants can know by first-hand the main resources devoted to EV analyses that are currently in the market.

There is a limit of **50 places** for the workshop. The assistance has a cost of:

- Geivex members: 60€
- Geivex members (Symposium+workshop): 140€
- Non members: 75€
- Non members (Symposium+workshop): 250€



8:30 Registration

9:00 **Main aspects of EV isolation techniques and Minimal Information requirements for EV research.** María Yáñez-Mó, UAM/IIS-IP, Madrid

9:30 **General aspects of the Liquid Biopsy.** Maria José Serrano, Scientific Director of Liquid Biopsies Division, Liquid Biopsies & Metastasis Group, Oncology Division, Hospital Virgen de las Nieves-GENYO, Granada

10:00 **EV-based biomarkers in disease.** Juan Antonio Marchal, UGR, Granada

10:30 **Use of EVs in Liquid Biopsy.** Hector Peinado, CNIO, Madrid

11:00 **Coffee break**

11:30 **"Omics" on EVs.** Juan Manuel Falcón-Pérez, CIC-Biogune, Derio

12:00 **Flow cytometry on EVs.** Mar Valés-Gómez, CNB, Madrid

12:30 **Biobanking EVs.** Jose Antonio López-Guerrero, IVO, Valencia

13:00 **Sponsors Flash Presentations** (8 min slots)

14:15 **Lunch**

**Practical sessions: 15:30-19:30** (20min slots)

- EXOGAG: Next Generation Exosome Isolation (**Nasasbiotech**)
- Body-fluids: Exosome collection and preservation devices (**Condalab y Norgen**)
- Size exclusion chromatography, immunoisolation and flow cytometry detection (**Inmunostep**)
- Zetaview, the next evolution on exosome research (**Solmeglas**)  
Call for abs
- Comprehensive analysis of single EVs by nano-flow FCM, Dr. Ben Peacock)  
Organization
- What's NxT in Exosomes: Made the invisible visible. Attune NxT (**ThermoFisher Scientific**)
- High throughput purification of biomarkers and their application in exosomes (**Promega**, Monserrat Latorre)



## Communications

- The deadline for submitting a proposal for communication will be **September 6th, 2019 (extended deadline)**.
- All accepted communications will be published in the Proceedings Book.
- To present a communication, either as a poster or oral, it will be a requirement that at least one of the authors of the communication (the author who will present the work) be registered in the Symposium.
- You can not send more than two communications with the same first author.

There will be a recognition of the best oral and poster communications. Communications must be sent through the platform enabled before September 6th, 2019.

## Poster Exhibition

Poster must be in 120 cm height by 90 cm width. Posters will be on display in two sessions of poster walks. All posters will be presented as **flash talks (2 min)** before the corresponding poster walk session. Presenters are kindly requested to stand by their poster during these poster walks.

## Oral presentation

It is essential for the smooth running of the congress that all speakers hand in their power point presentation at least one hour before the beginning of the session. Symposium assistant staff will be available to upload your presentation. Oral presentation should last 5 to 7 minutes followed by 3 minutes for discussion.

## Language

The symposium language is English. Simultaneous translation will not be provided.



## Contact data

Nombre\*

Title ▼	First	Last
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Email\*

## Upload slide

Upload\*

Upload .pdf or .jpg | maximum size 10 Mb.

Choose files or drag here



## how to register?

To formalize the participation you must fill the mandatory fields in the registration form. Payment could be made by bank transfer or credit card through the registration platform. If bank transfer is chosen, you must state clearly the name and the reference received by email.

## Registration fee

The registration fee for all request received before 30th September are:

- Geivex members: 100€
- General registration fee: 200€
- On site registration: 400€

Registrations formalized **from 30th September** onward will receive a **surcharge of 50€**. The registration includes the attendance to all the presentations and communications announced in the program as well as the lunches and coffee breaks. The Symposium dinner is not included (34€).

Registration fee	Registration	Registration	Registration	Registration
Geivex members	100€	100€	100€	100€
General registration	200€	200€	200€	200€
On site registration	400€	400€	400€	400€

## Important dates:

- 6th September: Extended deadline for abstract submission
- 13th September: Communication to authors
- 30th September: Early registration fee
- 5th November: Hands-on workshop
- 6th-8th November: Symposium

Name\*

Email\*

**Personal Data**

Nationality\*

Affiliation\*

Gender

Would you like to subscribe to the Geivex Newsletter?  
 Yes, subscribe me to the Geivex Newsletter  
 No, thanks.

Do you need an invitation letter for visa?

**Invoice Request**

Request invoice\*

**Registration fee**



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