

## 3rd International Symposium Therapeutic applications of extracellular vesicles

29 – 30 September 2016

San Sebastián, Spain



### Invited Speakers

Stefano Pluchino (University of Cambridge, UK)

Héctor Peinado (CNIO, Spain)

Guido Jenster (Erasmus Medical Centre, NL)

Charles Lawrie (Biodonostia Institute, Spain)

Eva Rohde (Paracelsus medical University, Austria)

### Local Organizing Committee

Matías Sáenz Cuesta & David Otaegui

(Biodonostia Health Research Institute, Spain)







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## Welcome

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Dear colleague,

On behalf of the organizing committee, it is a pleasure to invite you to participate at the 3rd International GEIVEX symposium to be held on 29 – 30th September 2016 in San Sebastian, Spain.

GEIVEX is a young working group of Spanish researchers specialized in the field of extracellular vesicles (EVs). It was created in 2012 and it is now established as a non-profit scientific organization. Its main objective is to promote the research, innovation and knowledge exchange in the field of EVs.

As a result of this exertion, GEIVEX has funded several mobility fellowships between laboratories and already organized 3 international symposiums – one of them together with the Portuguese group of EVs – and one international course in collaboration with the Menéndez Pelayo International University. GEIVEX has also participated in satellite symposiums in several international congresses. Moreover, a great number of GEIVEX members are also active members of the scientific committee of The International Society for Extracellular Vesicles (ISEV) and the editorial board of its official journal – Journal of Extracellular Vesicles.

The research in EVs, as many other fields, combines basic and clinical research, which is the base of our translational work. This 3<sup>rd</sup> International Symposium will focus on the possible **therapeutic applications of EVs and their use in a hospital setting**. In order to achieve productive discussions and keep excellence standards in our symposiums, we have chosen the most suitable and recognized researchers in this field as speakers in each session.

Above all, we consider this 3<sup>rd</sup> International Symposium as an important opportunity to create and strengthen partnerships between professionals dedicated to EVs, from both basic and clinical sides and also meet the renowned speakers.

This year, the chosen venue is the Hotel NH Aranzazu in San Sebastián, located few meters far from the famous La Concha Bay and few minutes from the city center, where the International Film Festival takes place, among other numerous activities. That combination of proposals has led to San Sebastian to become the European Capital of Culture in 2016. In turn, San Sebastian is a biotech scientific pole with a remarkable development in the last decade, and therefore a popular destination for important scientific international meetings. For practicality of attendees we have booked places at the same hotel where the symposium will be held and the program has been organized to allow visiting places of interest in the city.

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

Matías Sáenz Cuesta and David Otaegui

Local Organizers

Hernando del Portillo

GEIVEX President



## Committees

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### **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).

#### **TRESURER**

Antonio Marcilla - Dpto. Biología Celular y Parasitología, F. Farmacia, Universitat de Valencia.

#### **SECRETARY**

María Yáñez-Mó - Membrane Microdomains in Immunity Lab., Hospital Santa Cristina, Instituto de Investigación Sanitaria Princesa. Madrid.

#### **BOARD MEMBERS**

Francisco Sánchez-Madrid – S. Inmunología, Hospital de la Princesa, Madrid.

María Mittelbrunn - Centro Nacional de Investigaciones Cardiovasculares, Madrid.

Anabela Cordeiro Silva – IBMC -and Faculdade de Farmácia. Universidade do Porto (Portugal)

Matías Sáenz Cuesta – Biodonostia Health Research Institute - Donostia University Hospital.

David Otaegui – Biodonostia Health Research Institute - Donostia University Hospital.

### **Organizing Committee**

Matías Sáenz Cuesta – Biodonostia Health Research Institute - Donostia University Hospital.

David Otaegui – Biodonostia Health Research Institute - Donostia University Hospital.



## Symposium programme: 29<sup>th</sup> September

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- 8:30 Registration
- 9:00 Welcome remarks  
Matías Sáenz-Cuesta and David Otaegui, local organizers
- 9:10 Presentation of REDIEX: Iberian Network on EVs  
Hernando del Portillo, GEIVEX president
- 9:15 **Opening Lecture: Pre-clinical models to test EV therapies of complex CNS diseases**  
*Stefano Pluchino, Division of Stem Cell Neurobiology, Department of Clinical Neurosciences, Wellcome Trust-Medical Research Council Stem Cell Institute, University of Cambridge, Cambridge, UK*  
Chair: Juan Manuel Falcón-Pérez
- 10:15 Coffee break
- 10:45 **Session I: EVs as novel biomarkers and therapy delivery approaches**  
Chairs: Helena Vasconcelos and Francesc Borràs
- 10:50 4 selected oral communications (10 min each one)
- 11:40 **Session II: EVs in infection and immunity**  
Chairs: Anabela Cordeiro Silva and Antonio Marcilla
- 11:45 5 selected oral communications (10 min each one)
- 12:40 Lunch
- 14:00 Sponsored Presentation  
Chair: Matías Sáenz Cuesta
- gold 1
- 14:30 gold 2
- 15:00 **Evening lecture: Clinical application of EVs in cancer**  
*Héctor Peinado, Microenvironment & Metastasis Group, CNIO, Spain*  
Chair: María Mittelbrunn
- 15:55 **Session III: EVs in non-communicable diseases**  
Chairs: Carla Oliveira and María Mittelbrunn
- 16:00 5 selected oral communications (10 min each one)
- 17:00 Coffee break
- 17:30 poster walk I
- 18:30 Cheese & wine with live music
- 21:00 Networking dinner



## Symposium programme: 30<sup>th</sup> September

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- 9:00 **Morning lecture: Omics analysis of EVs to unlock their biomarker potential**  
**Guido Jenster**, *Department of Urology, Erasmus Medical Centre, Rotterdam, The Netherlands*
- 9:45 Round table: moving towards a common language  
Moderator: Marcos Araúzo-Bravo  
Discussion with the following participants:  
**Guido Jenster** (Erasmus M. Centre, NL)  
**David Otaegui** (Platforms Manager, Biodonostia H. R. Institute, Spain)  
**Juan Manuel Falcón-Pérez** (Exosomes Lab, CIC BioGUNE, Spain)  
**Félix Elorzta** (Proteomics Platform, CIC bioGUNE, Spain)  
**Niels Reichardt** (Laboratory of Glyconanotechnology, CIC BiomaGUNE, Spain)
- 10:15 Coffee break
- 10:45 **Sponsored Presentation: Biomarkers in free RNA and EV RNA**  
**Charles Lawrie**, *Oncology Group, Biodonostia Health Research Institute, San Sebastián, Spain*  
Chair: David Otaegui
- 11:40 **Session IV: Standardization in the EV field**  
Chair: María Yáñez-Mó and David Otaegui
- 11:45 5 selected oral communications (10 min each one)
- 12:40 Lunch
- 14:00 **Session V: EVs and translational medicine**  
Chair: Francisco Sánchez Madrid and Matías Sáenz-Cuesta
- 14:05 5 selected oral communications (10 min each one)
- 15:00 2nd GEIVEX Mobility Grant presentations  
María Yáñez-Mó and Antonio Marcilla
- 15:20 Poster walk II
- 16:15 Coffee break
- 16:45 **Closing lecture: From EV isolation to clinical trials**  
**Eva Rohde**, *Spinal Cord Injury & Tissue Regeneration Center Salzburg, Paracelsus Medical University and Department of Blood Group Serology and Transfusion Medicine, University Hospital, Salzburger Landeskliniken GesmbH, Salzburg, Austria*  
Chair: Hernando del Portillo
- 17:45 Concluding remarks and Symposium Closure  
Matías Sáenz-Cuesta and David Otaegui
- 18:00 GEIVEX annual assembly  
all participants



## The venue

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Located in the upmarket Ondarreta district of San Sebastian, the **NH Collection San Sebastián Aranzazu hotel**, formerly known as NH San Sebastián Aranzazu, puts you 5 minutes from one of the region's best beaches. There are plenty of bars and restaurants dotted about the area and the city center is a pleasant 30-minute stroll along the promenade. The Basque Culinary Center and several Michelin-starred restaurants are in easy reach, too.

The 180 guest rooms are airy and bright, with stylish modern décor and home-from-home comforts such as free Wi-Fi and flatscreen TV. And because the hotel is in a quiet, residential area, you won't be disturbed by the hustle and bustle of city noise.



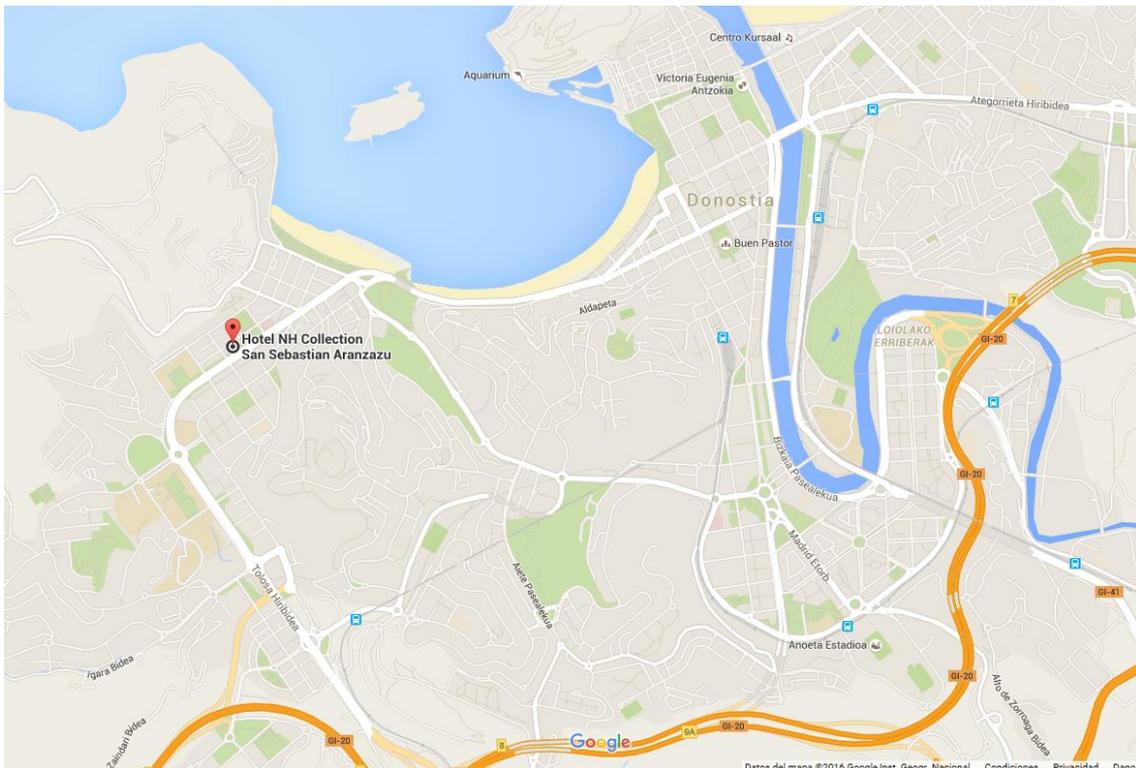


## How to get to the Hotel

NH Collection San Sebastián Aránzazu hotel

Vitoria-Gasteiz 1; 20018 - San Sebastian (Spain)

+34 94 3219077



**From San Sebastian Airport:** you can rent a car, take a taxi, or take the public bus to San Sebastian.

**From the train/bus station:** From the main exit of the San Sebastian train station, cross the square and head towards the main avenue. Take the bus number 5 or 25 and get off at Av. de Zumalakarregi (Antiguoko Anbulategia stop). You will see the hotel on the right-hand side.

### By car

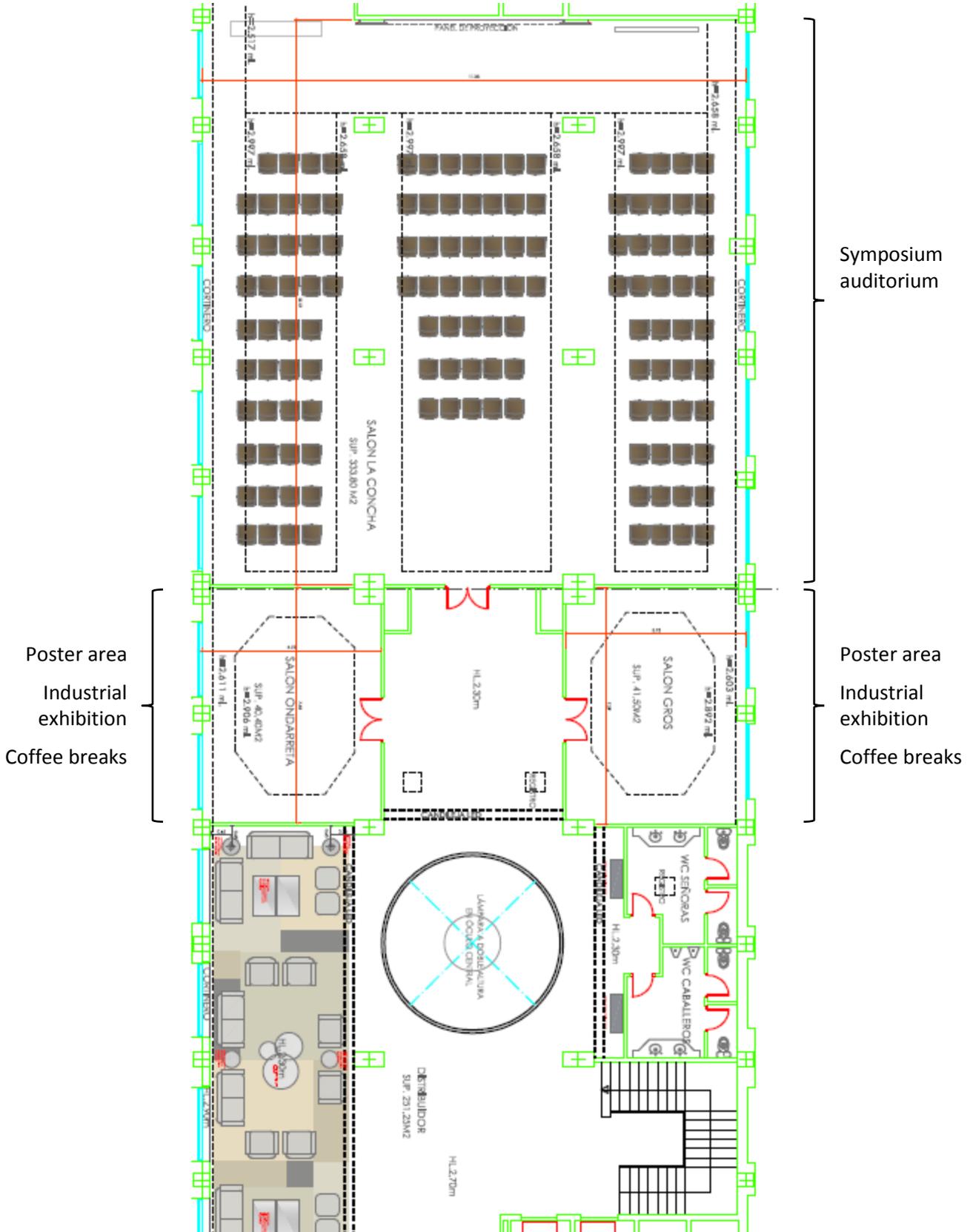
**From the west:** Enter San Sebastian by taking the Ondarreta access road (No. 9). The hotel is located just before you arrive at Ondarreta beach.

**From the east:** Enter San Sebastian by taking the Amara access road (No. 8). Continue straight, following directions to the city center. Continue straight along La Concha beach. The hotel is located on the right-hand side just after Ondarreta beach.

**From Madrid:** Take the M-30 Motorway. Take the exit towards A-1 in the direction of Alobendas/Burgos. Near Burgos, continue along E-5/E-80/BU-30. Take the exit towards E-5E-80 AP-1 - Vitoria-Logroño. Continue on AP-1. Head towards E-70 A-8 Donostia-San Sebastián. Continue on E-70/A-8. Take exit 9: Donostia- San Sebastian/Ondarreta. You will arrive in Donostia-San Sebastián. Now, follow the “from the west” indications.



### Floor plan (first floor)





## The city of San Sebastián

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San Sebastián is the administrative capital of Gipuzkoa, one of the three provinces making up the Basque Autonomous Community. It lies to the north-east of the Iberian Peninsula, 30 kilometres from the border with France. The cross-border region running from San Sebastián to Bayonne represents an important hub of social, economic and tourist development in the south-west of the European Union (EU).

San Sebastián is a medium-sized city with almost 186,000 inhabitants. It is a tertiary, tourist city, eminently commercial, with strong emphasis on services and congresses. In recent years, San Sebastián has moved into the leading position among European cities, largely because of its commitment to science, technology, sustainable development and culture. Its designation as European Capital of Culture confirms this pledge.

Its smart urban layout and short distances make San Sebastián perfect for getting around on foot, with sprawling pedestrian precincts, bike lanes and promenades that hug the city coastline from tip to tip.

The most recognisable city snapshot features the beaches of Ondarreta and the Concha, with Santa Clara Island nestling in the centre of the bay. The city's third beach, the Zurriola, lying alongside and beyond the Kursaal Congress Centre, is famous worldwide for its excellent surfing.

A city of deep-rooted international tourist tradition dating back to the 19th century, San Sebastián offers an excellent clean public transport service, an icon of architecture the Kursaal Congress Centre and Auditorium, a varied choice of hotels and, above all, what is now one of the best known creative gastronomies in the world.

**Currency:** Euro, the EU currency.

**Official languages:** Basque and Spanish.

**Climate:** Mild, with generally gentle temperatures, high humidity, frequent clouds and heavy rainfall throughout the year. The coldest month is usually January, with an average temperature of 7.9°C and the hottest August, with an average of 20°C.



## General information

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### Symposium registration

A registration desk will be open during Thursday 29 September, from 8:30 to 10:00. The desk will allow onsite registration.

### Language

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

### Lunch and Coffee breaks

Lunch and coffee breaks are included in the registration fee and will be served in the exhibition and poster area.

### Poster exhibition

Poster must be in 120 cm height by 90 cm width. Posters will be on display in two sessions: poster walks. Presents are kindly requested to stand by their poster during these poster walks.

The mounting and removal times are to be strictly adhered to. If poster has not been removed by the end of the allocated removal time, it will be disposed of by symposium staff.

Poster walk	Presentation day	Presence at poster	Poster mounting time	Poster removal time
I	Thursday, 29 September	17:30-18:30	Thursday, 29 September 10:15-10:45	Thursday, 29 September 18:30-19:30
II	Friday, 30 September	16:20-17:30	Friday, 30 September 11:00-11:30	Friday, 30 September 18:30-19:30

### 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.

### Prizes

One prize will be awarded to the best poster presentation (150€) and other to the best oral presentation (250 €).

### Internet access

Wireless internet is freely available in the symposium venue.



### **Symposium venue**

Please, see page 8 “the venue”.

### **Certificates**

Certificates of attendance and oral presentations will be provided by email after completing the congress.

### **Hotel accommodation**

GEIVEX will provide the online reservation for rooms in NH Aranzazu hotel with special fees for symposium attendees.

### **Networking dinner**

We are pleased to invite you to the networking dinner of the 3<sup>rd</sup> International Symposium of GEIVEX. The event will take place on Thursday 29 at 21:00 h, in a traditional restaurant of San Sebastián, to be confirmed soon.

Please, during the online registration to the symposium, click *yes* or *not* to confirm or decline your presence in the networking dinner. The approximately cost of the dinner will be 30 € (not included in the registration fee).