

Nanomedicine & antibiotic resistance



Friday the 17th of November 2017

9:00-17:00

Residencia de Estudiantes
Calle del Pinar, 21-23
28006 Madrid
Spain



The NAREB project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 604237.

Workshop Program

08:30 Registration

09:00 Welcome and Introduction – Brigitte Gicquel (NAREB Coordinator, France)

Keynote presentation 1

09:05 Fernando Baquero (IRYCIS, Spain)
Antibiotic resistance: the role of minorities

09:35 Jose Luis Martinez (CSIC, Spain)
One-Health approaches for fighting antibiotic resistance

Session 1: Pre-clinical models: how to test new formulations or new molecules

– Chaired by Andrea Tamellini –

10:05 Geir Klinkenberg (SINTEF, Norway)
Pipeline for preclinical testing of candidate nanomedicines in the European Nanomedicine Characterisation Laboratory

10:25 Unai Cossío Arrieta (CIC biomaGUNE, Spain)
Evaluation of the pharmacokinetic properties of novel nanoparticle-based antibiotics after lung administration using Positron Emission Tomography

10:45 Abdesalem Reikiki (Bioaster, France)
MRSA infection: in vivo evaluation of biodistribution and efficacy of loaded Nanoparticles

11:05 Laura Guijarro-Lopez (GSK, Spain)
Preclinical in vivo models in GSK: how to evaluate antitubercular activity of new molecules

11:25 Hessel van der Weide (Erasmus Medical Center, NL)
Evaluation of novel antimicrobial treatment in in vitro and in vivo animal models of infectious disease

11:45 Q/A – round table

12:05 Lunch

***Session 2: Lessons learned from the cluster projects
(FORMAMP, NAREB & PneumoNP)***

– Chaired by Barbara Cagniard –

- 13:00 Lovisa Ringstad (RISE, Sweden)
Lessons learned from FORMAMP project
- 13:15 Brigitte Gicquel (Institut Pasteur, France)
Lessons learned from NAREB project
- 13:30 Iraidia Loinaz (CIDETEC, Spain)
Lessons learned from PneumoNP project
- 13:45 Q/A – round table

Keynote presentation 2

- 14:00 Gert Storm (Utrecht University, Netherlands)
Targeted Nanomedicine: Clinical State-of-the-Art

Session 3: Nanotechnologies for infectious diseases versus other diseases

– Chaired by Ruth Schmid –

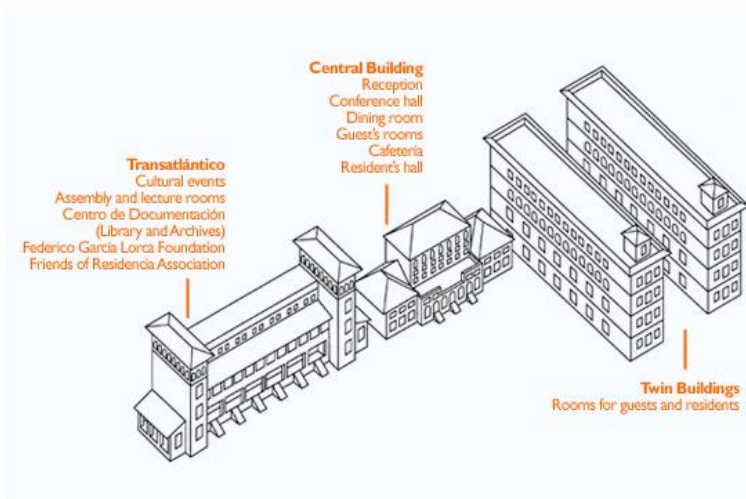
- 15:00 Patrick Saulnier (University of Angers, France)
How nanomedicines can cross mucus layers
- 15:20 Fabrice Navarro (CEA, France)
Nanostructured lipid carriers for biomedical applications
- 15:40 Ruth Schmid (SINTEF, Norway)
PACA drug delivery platform: a journey from cancer applications to infectious diseases
- 16:00 René van Nostrum (Utrecht University, Netherlands)
Opportunities and challenges for oral and intravenous administration of nanomedicines
- 16:20 Jesus Martinez de la Fuente (CSIC, Spain)
Designing Nanoparticles for Therapy and Diagnosis
- 16:40 Q/A – round table

16:55 Conclusion – Brigitte Gicquel

Practical information

Meeting venue

Residencia de Estudiantes
Calle del Pinar, 21-23
28006 Madrid
Spain



How to get there:



Travelling time are indicative (based on Google map)

From Madrid-Barajas airport

The airport is located 12 km from Madrid's downtown.

Subway Line 8 goes directly from the airport to 'Nuevos Ministerios' Metro Station in less 15 minutes. Then around 15-minute walk to the Residencia. Cost of ticket: 5€.

They are 2 stations in the airport:

- Station 'Aeropuerto T1-T2-T3', situated at the centre of the terminal T2, floor-1
- Station 'Aeropuerto T4', situated at terminal T4 floor-1

Cost of taxi ride from airport to downtown: 30€. 15-25 minutes' drive without traffic

There is also a local train from Terminal T4 to station 'Nuevos Ministerios' (18 minutes), less frequent than the subway. Cost 2.60€. Frequency: every 30 minutes.

From train station Puerta de Atocha

There are 4 possibilities:

- Taxi: it should take 15-20 minutes if the traffic is fluid
- Metro: take line 1 in direction of 'Pinar de Chamartin' and change metro at the station 'Tribunal' to catch the line 10 in direction of 'Hospital Infanta Sofia' to get out at station 'Gregorio Marañón'.
- Take the local train C1, C2, C4, C7 or C10 to station 'Nuevos Ministerios'. Total time: 30 minutes
- Take the bus 27 or 45 (stop at 'Paseo de la Castellana') or 19 (stop at 'Calle Serrano'). Total time: 35-45 minutes

From train station Chamartin

There are also several possibilities:

- Taxi: it should take 15 minutes if the traffic is fluid
- Take the metro Line in direction of Puerta del Sol and get out at Station Gregorio Marañón (5 stops). Total time: 25 minutes
- Take the local train C1, C2, C3, C4, C7 or C10 to station 'Nuevos Ministerios'. Total time: 25-25 minutes

Transportation around Residencia de Estudiantes

Subway

Nuevos Ministerios (Line 8)

Gregorio Marañón (Lines 7 and 10)

República Argentina (Line 6)

Buses

Stop at:

Calle Serrano: buses 9, 16, 19 and 51

Paseo de la Castellana: buses 7, 12, 14, 27, 40, 45, 147 and 150

Local train

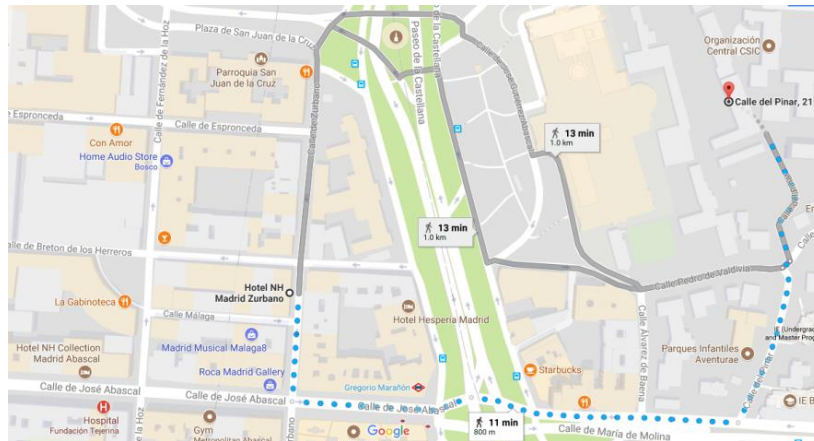
Nuevos Ministerios

Nearby hotels to book your stay:

NH Madrid Zurbano ****

Calle Zurbano, 79-81 28003 Madrid – 0.8 km

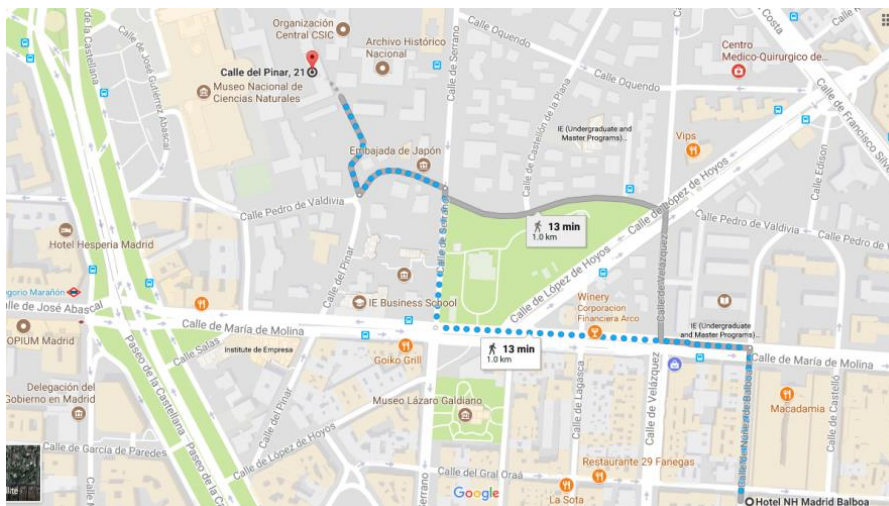
<https://www.nh-hotels.com/hotel/nh-madrid-zurbano>



Hotel NH Balboa ***

Núñez de Balboa, 112 28006 Madrid – 1.0 km

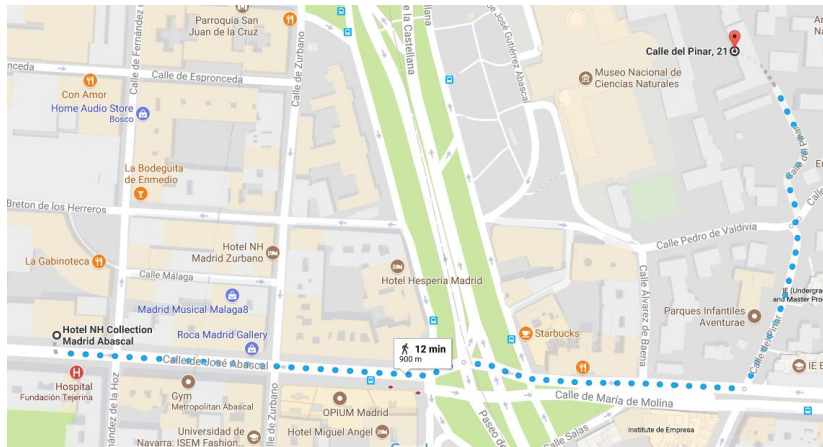
<https://www.nh-hotels.es/hotel/nh-madrid-balboa>



NH Collection Madrid Abascal ****

c/josé Abascal 47, 28003 Madrid – 0.9 km

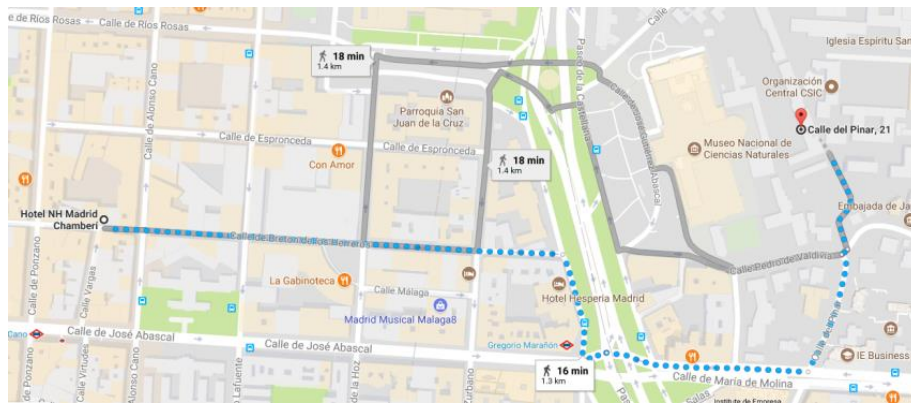
<https://www.nh-collection.com/hotel/nh-collection-madrid-abascal>



Hotel NH Madrid Chamberi ****

Breton de los Herreros, 29 28003 Madrid – 1.3 km

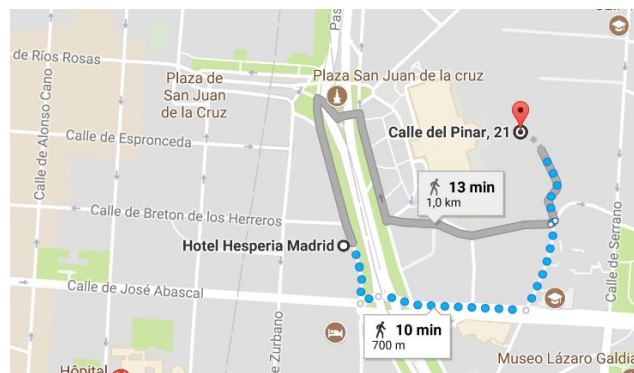
<https://www.nh-hoteles.es/hotel/nh-madrid-chamberi>



Hotel Hesperia *****

Paseo de la Castellana, 57 28046 Madrid – 0.7 km

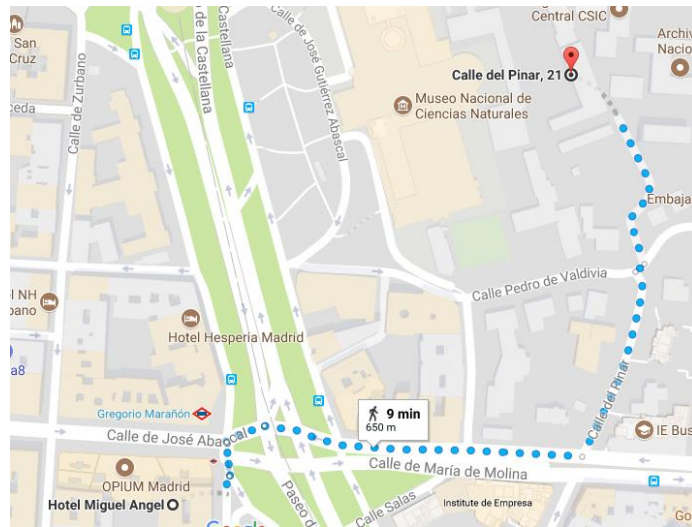
<http://www.hesperia-madrid.com/?lang=en>



Hotel Miguel Angel *****

c/ Miguel Ángel, 29-31 28010 Madrid – 0.7 km

<http://www.hotelmiguelangel.com/en/>



Barcelo Emperatriz

Calle López de Hoyos, 4 28006 Madrid – 0.7 km

<https://www.barcelo.com/en-gb/hotels/spain/madrid/barcelo-emperatriz/>

