



ImResFun
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ProteoRed

Carlos III Networked Proteomics Platform



Marie Curie Initial Training Network

*Molecular Mechanisms of Human Fungal Pathogen Host Interaction: **ImResFun***

Practical Course C3 (UCM)

Proteomics: fundamentals and applications.

Targeted Proteomics and data analysis.

&

Symposium S3 (FhG)

Project, financial and laboratory, conflict management

Madrid, Spain

July 6 - 10, 2015

General Information

Hotel

Address: Hotel NH Alberto Aguilera - Calle Alberto Aguilera, 18, 28015, Madrid - Spain

Telephone Nr: 0034 91 4460900

Hotel NH Madrid Alberto Aguilera
★ ★ ★
BOOK NOW

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- [Meetings & Events](#)
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FROM THE AIRPORT



From the Madrid-Barajas Airport, take subway Line 8 from the airport until the Nuevos Ministerios stop. From Nuevos Ministerios, you would transfer to Line 10, in the direction of Puerta del Sur, until the Alonso Martínez stop. At Alonso Martínez, you would transfer to Line 4, in the direction of Argüelles, until the San Bernardo stop at the hotel.

FROM THE TRAIN STATION



To arrive from the Atocha Station, take the subway's Line 1 in the direction of Pinar de Chamartín. You would travel on Line 1 until the Sol stop. At Sol, transfer to Line 2, going in the direction of Cuatro Caminos. Travel on Line 2 until the San Bernardo stop. The hotel is located not far from this subway stop.

Venue for Lectures & Practical Course

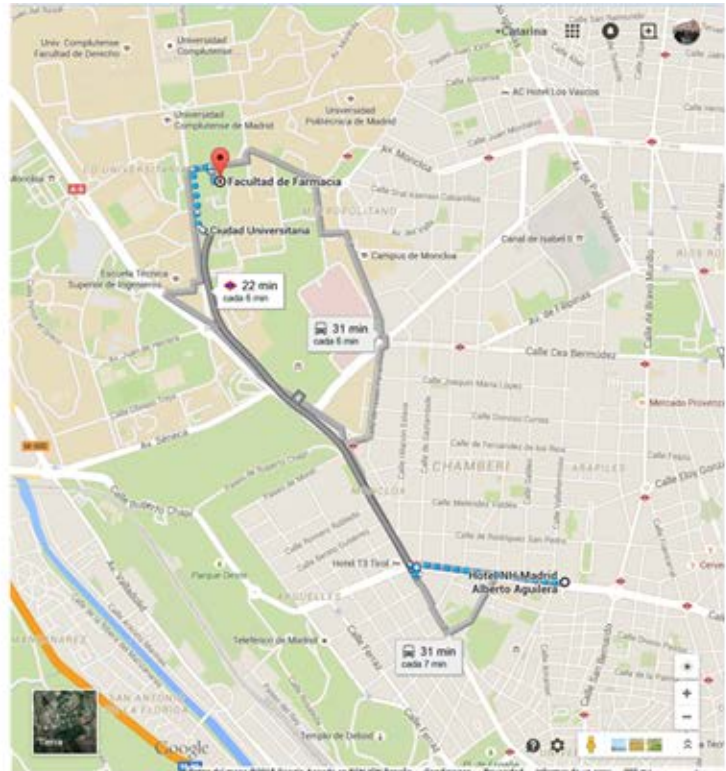
Address: Complutense University, Faculty of Pharmacy, Microbiology 2 Department - Plaza Ramón y Cajal s/n, 28040, Madrid – Spain

Telephone Nr: 0034 91 3941755

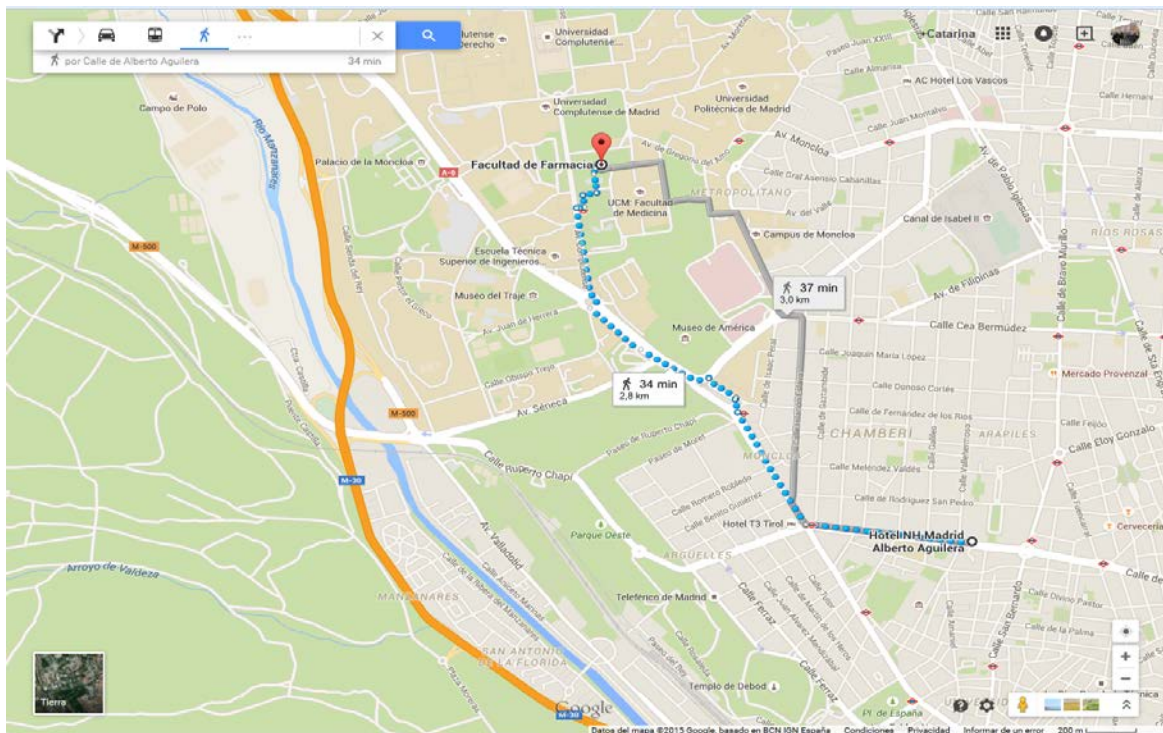
Directions from Hotel to Venue

By Metro

- ↓
Hotel NH Alberto Aguilera
- ↓
Walking 9min 750m
- ↓
Arguelles Metro Station
- ↓
(Direction Anden 2 → 2 stops)
- ↓
Ciudad Universitaria
- ↓
Walking 5 min 450m
- ↓
Facultad de Farmacia



Walking



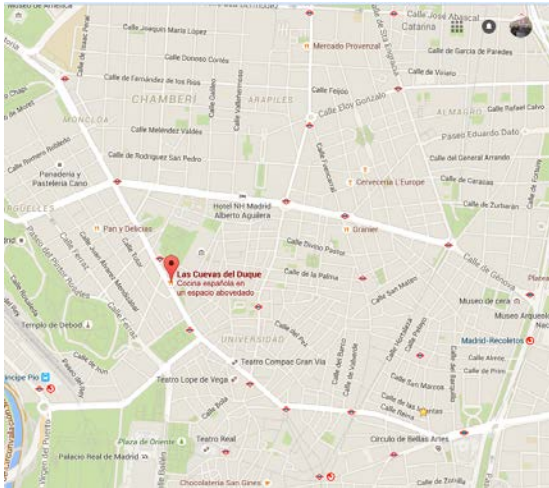
Dinners & Social Activities:

Tuesday, the 7th of July - Joint Dinner

Restaurant: Las Cuevas del Duque

Directions: Calle de la Princesa, 16, 28008 Madrid

Metro Ventura Rodríguez (Línea 3); Plaza de España (Línea 3 y 10)

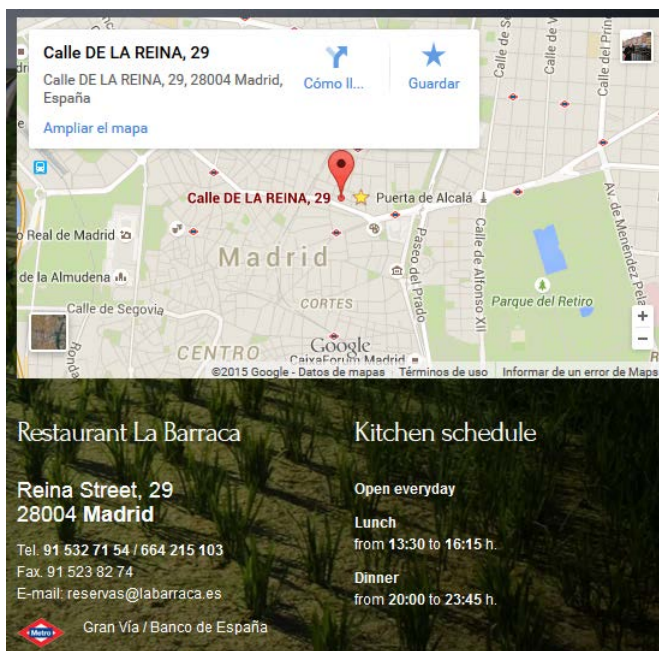


Friday, the 10th July - Visit to the Prado museum and Joint Dinner

Restaurant: La Barraca

Directions: Calle de la Reina 29, 28004 Madrid

Metro Gran Vía / Banco de España





List of Speakers

Lecturers

Alberto Paradela
Concha Gil
Elvira Román
Jesú Pla
Lucía Monteoliva
María Molina
Miguel Marcilla
Piet de Groot
Rebeca Alonso
Severine Gharbi
Steffen Rupp

Practical Classes

Dolores Gutierrez
Felipe Clemente
Ines Zapico
Jose Antonio Reales-Calderón
María Luisa Hernaez

Schedule of Lectures & Practical Course

Sunday, July 5, 2015

Arrival of all Participants

Monday, July 6, 2015

Morning

08:50 Welcome of all participants

9:00 - 11:00 Introduction to Proteomics. Concha Gil, UCM

11:00 – 11:30 Coffee break

11:30- 13:30 Mass spectrometry. Alberto Paradela, CNB

13:30 - 14:30 Lunch

Afternoon



14:30 – 17:00 Sample preparation: Cell extraction, protein precipitation, protein quantitation with Bradford; Protein Visualization with SDS-Page

Tuesday, July 7, 2015

Morning

9:00 - 11:00 Quantitative Proteomics (SILAC, iTRAQ, DIGE). Miguel Marcilla and Severine Gharbi, CNB

11:00 – 11:30 Coffee break

11:30- 13:30 Identification of novel substrates of the yeast cell wall integrity pathway MAPK Sit2 by proteomic approaches. María Molina, UCM.

13:30 - 14:30 Lunch

Afternoon

14:30 – 17:00 Protein digestion (in solution, in gel, and with a filtration membrane (NANOSEP 10KD))

21:00 Dinner

Wednesday, July 8, 2015

Morning

9:00 - 10:30 Project, financial and laboratory, conflict management. Steffen Rupp, FhG

10:30 – 11:00 Coffee break

11:00- 12:00 Project, financial and laboratory, conflict management. Steffen Rupp, FhG

12:00- 12:30 Break

12.30-13.30 Host pathogen interaction models. Steffen Rupp, FhG

13:30 - 14:30 Lunch

Afternoon

14:30 – 17:00 Peptide desalting. Bioinformatics tools, Skyline method



Thursday, July 9, 2015

Morning

9:00 - 11:00 Signal transduction pathways and host interaction. Jesús Pla, UCM

11:00 – 11:30 Coffee break

11:30- 12:30 How *Candida albicans* senses arsenic compounds? Rebeca Alonso, UCM

12:30 – 13:30 Mucins: heads and tails of the same coin. Elvira Román, UCM

13:30 - 14:30 Lunch

Afternoon

14:30 – 17:00 Sample analysis in the mass spectrometer and data acquisition. Visit to Proteomics Unit

Friday, July 10, 2015

Morning

9:00 - 11:00 Proteomics analysis of *C. albicans* surface exposed and secreted proteins. Lucía Monteoliva, UCM

11:00 – 11:30 Coffee break

11:30- 13:30 Fungal Cell Wall Proteomics. Piet de Groot, UCLM

13:30 - 14:30 Lunch

Afternoon

14:30 – 17:00. Data analysis and discussion

Visit to Prado Museum

21:00 Dinner

Saturday, July 11, 2015

Departure of all participants