# VIRTUAL CONFERENCE UNIPA-UDC

**DOUBLE DEGREE MASTER MSCMB- BMCG**

**Date 30th June 2015**

**A CORUÑA F.CIENCIAS AULA …. UNIPA AULA 5**

**10h-12h (Spanish schedule) 11h-13h (Italian schedule)**

**Introduction and presentation of the Conference**

The aim of the Virtual Conference is to present the research lines of groups participating in the Double Degree Exchange Program UNIPA/UDC with the purpose that the students and their mentors could establish fruitful collaborations.

The speakers will present in a brief-format (3 slides) the main objectives and methodologies of their research topics in a friendly-student format. A time of 5 min is scheduled for each speaker presentation. Questions to the speakers are scheduled after each block.

**Virtual Conference UNIPA Speakers**

**0.00**

1. *Molecular biology of marine organisms.*

RESEARCH GROUP: Maria Ragusa; Salvatore Costa, Fabrizio Gianguzza (Molecular Biology)

**0.05**

2. *Cellular and molecular mediators in intestinal bowel diseases: focus on enteric nervous system.*

RESEARCH GROUP: Maria Grazia Zizzo; Rosa Serio (Physiology)

**0.10**

3. *Biochemical insight into hidden potential properties of natural and synthetic compounds in cancer cells and cancer stem cells.*

RESEARCH GROUP: Antonella D’Anneo; Michela Giuliano (Biochemistry)

**0.15**

4. *Molecular genetics of actinomycetes.*

RESEARCH GROUP: Anna Maria Puglia (Microbiology)

**0.20**

5*. Identification and validation of novel molecules obtained by integrated computational and experimental approaches for the read-through of PTCs in Cystic Fibrosis cells (CF).*

RESEARCH GROUP: Laura Lentini (Genetics)

**0.25**

6. *Exploring mechanisms triggering aneuploidy and its tolerance in human cells.*

RESEARCH GROUP: Aldo Di Leonardo (Genetics)

**0.30**

7. *Mouse stem cells release membrane vesicles: their role in autocrine and paracrine signaling.*

RESEARCH GROUP: Fabiana Geraci (Cellular Biology)

**0.35 .- Open Questions to speakers**

**Virtual Conference UDC-INIBIC Speakers**

MOLECULAR BIOLOGY

**0.45**

1.- Genetics of marine organisms

RESEARCH GROUP: XENOMAR

http://investigacion.udc.es/en/Research/Details/G000250

Alberto Arias Pérez

**0.50**

2.- Evolutive Genetics

RESEARCH GROUP: GIBE

http://investigacion.udc.es/en/Research/Details/G000268
Ana González

**0.55**

3.- Ribosome profiling

RESEARCH GROUP: GIBE

http://investigacion.udc.es/en/Research/Details/G000268

Ana González

**1.00**

4.- Neurobiology

"Neuroanatomy and development of cartilaginous and ray-finned fishes"

RESEARCH GROUP: NEUROVER http://investigacion.udc.es/en/Research/Details/G000264

Monica Folgueira

**1.05**

5.- Metagenomics and Biotechnology

RESEARCH GROUP: EXPRELA

http://investigacion.udc.es/en/Research/Details/G000115

Mª Isabel González Siso

**1.10.- Open questions to speakers**

BIOMEDICINE

**1.15**

1.- Nanotoxicology: cellular and molecular effects of nanomaterials

RESEARCH GROUP: DICOMOSA

http://investigacion.udc.es/en/Research/Details/G000120

Blanca Laffon

**1.20**

2.- New biomarkers for early detection of frailty in the elderly

RESEARCH GROUP: DICOMOSA

http://investigacion.udc.es/en/Research/Details/G000120

Blanca Laffon

**1.25**

3.- Study of pathologies associated to ageing like osteoarthritis (OA) and Progeria

RESEARCH GROUP: TCMR (Terapia Celular y Medicina Regenerativa)

http://investigacion.udc.es/en/Research/Details/G000412

Carmen Arufe Gonda

**1.30**

4.- Messenchymal stem cells: differentiation towards chondrocites, viability and migration after in vivo transplantation

RESEARCH GROUP: TCMR

http://investigacion.udc.es/en/Research/Details/G000412

Carmen Arufe Gonda

**1.35**

5.- Study of the tissue damaging and repairing mechanisms of diseases associated with aging and effect of diet on the modulation of these mechanisms.

<http://www.inibic.es/>

Mª José López Armada. INIBIC

**1.40**

6.-HMGB proteins and cancer

RESEARCH GROUP: EXPRELA

http://investigacion.udc.es/en/Research/Details/G000115

Mª Esperanza Cerdán

**1.45.- Open questions to speakers**

**1.55. Closure of the Conference**

**The specific rules for student exchange could be better explained by each local coordinator after the closure of the Conference**