



Course in Cell biology and Physiology

3 CFU

(Organized by Maria De Falco and Caterina Missero; provisional list)

Day 1 (2h)

Geppino Falco (Dept. of Biology, UNINA): *Stem cells and ontogenesis*

Day 2 (2h)

Monica Dentice (Medical school, UNINA): *Stem cell function and tissue regeneration.*

Day 3 (2h)

Giuseppina Iachetta (Dept. of Biology, UNINA): *Role of functionalized liposomes in drug delivery through the blood-brain barrier.*

Day 4 (2h)

Diego Medina (Telethon Institute of Genetics and Medicine, Pozzuoli): *New insights in lysosomal signaling*

Day 5 (2h)

Rosa Carotenuto (Dept. of Biology, UNINA): *Confocal microscopy applications.*

Day 6 (2h)

Antonio Porcellini (Dept. of Biology, UNINA): *The study of cell cycle through flow cytometry.*

Day 7 (2h)

Simona Paladino (Medical school, UNINA): *Membrane trafficking in health and disease*

Day 8 (2h)

Antonio Baldini (CNR-IGB, Napoli): *Genetic pathways to heart development*

Day 9 (2h)

Gabriella Minchiotti (CNR-IGB, Napoli): *Extrinsic control of stem cell metastability: learning from development and beyond*

Day 10 (2h)

Antonio Feliciello (Medical School, UNINA): *Coupling cAMP to the Ubiquitin Proteasome Pathway in development and cancer.*

Day 11 (2h)

Antonella De Matteis (Medical school, UNINA and Telethon Institute of Genetics and Medicine, Pozzuoli):
Regulation and roles of the membrane contact sites.

Day 12 (2h)

Marianna Crispino (Dept. of Biology, UNINA): *Neurons and axoplasmic flow.*

Day 13 (2h)

Arianna Mazzoli (Dept. of Biology, UNINA): *Insulin-Driven PI3K-AKT Signaling in the Hepatocyte Is Mediated by Redundant PI3K α and PI3K β Activities and Is Promoted by RAS."*

Day 14 (2h)

Paolo Bergamo (ISA- CNR Avellino): Food antioxidants: physiological insight at molecular level