



School  
of Advanced  
Studies



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Universiteit Utrecht



## Intensive Programmes (IP)

# Adelbiotech: Advanced drug delivery of Biotechnological drugs

Camerino D'Avack Conference Room **June 2010 - 21<sup>st</sup> - 30<sup>th</sup> Italy**

### Monday 21<sup>st</sup>

Welcome of **Prof. Cristina Miceli** Unicam

Presentation of the Programme:  
**Prof. Piera Di Martino** Unicam

- Lecture 1 Pharmacological basis of biotechnological drugs  
**Prof. Carlo Polidori** Unicam
- Lecture 2 Overcoming the blood-brain-barrier  
**Prof. Giovanni Tosi** Unimodena
- Lecture 3 Basic knowledge in vaccine for mutation  
**Prof. Sevdâ Senel** University of Hacettepe - Ankara Turkey

*Group assignment*

### Tuesday 22<sup>nd</sup>

- Lecture 4 Nanoparticulate vaccine formulation  
**Prof. Sevdâ Senel** University of Hacettepe - Ankara Turkey
- Lecture 5 Nanomedicines for delivery of siRNA  
**Prof. Camilla Foged** University of Copenhagen - Denmark
- Lecture 6 Bibliographic research at Unicam  
**Dr. Cristina Soave** Unicam

*Work of group*

### Wednesday 23<sup>rd</sup>

- Lecture 7 Peptide and protein formulation challenges and approaches  
**Prof. Hanne Mørck Nielsen** and **Prof. Camilla Foged** University of Copenhagen - Denmark
- Lecture 8 Biological barriers for delivery of biopharmaceuticals: an overview  
**Prof. Hanne Mørck Nielsen** University of Copenhagen - Denmark

*Work of group*

### Thursday 24<sup>th</sup>

- Lecture 9 Transmucosal carriers for nasal peptide delivery  
**Prof. Francisco Goycoolea** University of Santiago de Compostela Spain
- Lecture 10 Transmucosal nanocarriers for oral drug delivery  
**Prof. Cecilia Prego** University of Santiago de Compostela - Spain
- Lecture 11 Polyelectrolyte Microcapsules for Pharmaceutical Applications  
**Prof. Stefaan de Smedt** University of Gent - Belgium
- Lecture 12 Digitally Encoded Microcarriers for Diagnostics  
**Prof. Stefaan de Smedt** University of Gent - Belgium
- Lecture 13 Drug Loaded Microbubbles for Ultrasound Guided Cancer Therapy  
**Prof. Stefaan de Smedt** University of Gent - Belgium

### Friday 25<sup>th</sup>

- Lecture 14 Protein Structure and Function and its Importance in Protein Based Therapies  
**Dr. Cristina Havas** Unicam
- Lecture 15 The PEGylation  
**Prof. Piera Di Martino** Unicam

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### Saturday 26<sup>th</sup>

- Lecture 16 Protein-releasing systems based on aliphatic polyesters  
**Prof. Wim Hennink** University of Utrecht - Nederland
- Lecture 17 In situ Gelling Hydrogels for Drug Delivery and Tissue Engineering  
**Dr. Roberta Censi** Unicam and University of Utrecht Nederland
- Lecture 18 Hydrogels for protein release  
**Prof. Tina Vermonden** University of Utrecht - Nederland

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### Monday 28<sup>th</sup>

- Lecture 19 The impact of Biotechnology on pharmaceutical R&D and sales  
**Dr Paolo Barbanti** Pharma & Biotech Advisors srl
- Lecture 20 Technology Transfer & Deal making: Issues, Challenges, and Options  
**Dr Paolo Barbanti** Pharma & Biotech Advisors srl
- Lecture 21 Patenting Biotech inventions in the context of European Union  
**Dr. Antonio Magni** Unicam
- Lecture 22 Protecting and valorizing innovation  
**Dr. Simona De Simone** Industrial Liason Office ILO - UNICAM

### Tuesday 29<sup>th</sup>

- Lecture 23 Targeted nanomedicines for anti-angiogenic/anti-inflammatory therapy of cancer  
**Prof. Manuela Covaciu** University of Babes Bolyai Cluj-Napoka - Romania

*Work of Group*

### Wednesday 30<sup>th</sup>

Oral presentation of groups  
Awards to the best group's projects

#### Info

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