



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Dipartimento di Scienze Chimiche e Farmaceutiche

**SCUOLA DI DOTTORATO IN
SCIENZE E TECNOLOGIE CHIMICHE E FARMACEUTICHE
UNIVERSITÀ DI TRIESTE**

Seminari annuali dei dottorandi dei Cicli XXV e XXVI

2 e 3 febbraio 2012 - Aula 0B edificio H3

Giovedì 3/02

- 9.00 - 10.40 **5 dottorandi** (Valeria Laboragine, Veronica León Castellanos, Marco Carini, Michela Cok, Paolo Cavigli)
- 10.40 - 11.10 coffee break
- 11.10 - 12.00 **Lecture**
Roger Alberto (Institute of Inorganic Chemistry, University of Zürich, CH) "Uncommon Metals in Medicinal Inorganic Chemistry; Hot Technetium for Imaging and Cold Rhenium for Therapy"
- 12.00 - 13.00 **3 dottorandi** (Alessandra Micoli, Milcovich Gesmi, Valentina Corvaglia)
- 13.00 - 17.00 Pausa pranzo e Riunione del Comitato Scientifico
- 17.00 - 18.00 **3 dottorandi** (Garziera Marica, Beltramo Dario, Antonio Turco)

Venerdì 3/02

- 9.00 - 10.40 **5 dottorandi** (Dritan Hasa, Debora Buzzi, Silvia Pavan, Angelo Meduri, Martinelli Andrea)
- 10.40 - 11.10 coffee break
- 11.10 - 12.00 **Lecture: Matteo Castronovo** (Senior Researcher, Centro di Riferimento Oncologico di Aviano, Farmacologia Sperimentale e Clinica) 'Self assembling monolayers of DNA.'
- 12.00 - 13.00 **3 dottorandi** (Alvaro Barreras Garcia, Adriana Rubesa Fernandez, De Ceglie Pasquale)

Prof. Enzo Alessio
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Titoli delle presentazioni

1. **Barreras Garcia Alvaro:** Quantification of diarrhetic shellfish toxins in mussels by protein phosphatase assays and set up of an Immunoenzimatic assay for palytoxin detection.
2. **Beltramo Dario:** Evaluation of single-dose toxicity of PLTX and OA in preclinical in vivo models
3. **Buzzi Debora:** Molecular recognition on solid phase
4. **Carini Marco:** Tether-assisted synthesis of poly-fulleropyrrolidines
5. **Cavigli Paolo:** Design, synthesis, and characterization of novel Re(I) dyads and triads containing functionalized fullerenes for light-energy conversion
6. **Cok Michela:** Tridimensional devices based on biopolymers and carbon nanotubes for spinal cord regeneration
7. **Corvaglia Valentina:** PNA-assisted cellular migration along engineered surfaces
8. **De Ceglie Pasquale:** Biogenic terpenes – sampling, analysis and evaluation of emission factors to estimate the potential formation of biogenic secondary organic aerosol
9. **Dritan Hasa:** Innovative sustained drug delivery systems obtained by melt extrusion
10. **Garziera Marica:** CDH1 genetic screening in sporadic gastric cancer and subjects at risk to develop gastric cancer: structural modelling of missense variants
11. **Laboragine Valeria:** Peptidomimetic inhibitors of viral proteases and prolylpeptidases
12. **León Castellanos Veronica:** Exfoliation of graphene in solvent free conditions by ball-milling
13. **Martinelli Andrea:** Studies of reactions or innovative synthetic approaches for the synthesis of intermediates, fine chemicals or active principles of industrial interest
14. **Meduri Angelo:** Development of homogeneous catalysts for the controlled synthesis of new polymeric materials
15. **Micoli Alessandra:** Nucleosides functionalized CNT towards the construction of nanostructured materials



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16. **Milcovich Gesmi:** Structure and dynamics of vesicles and functional gels by means of multinuclear NMR spectroscopy
17. **Pavan Silvia:** Short peptides as biosensor transducers
18. **Rubesa Fernandez Adriana Spela:** Biovalorization of organic substrates via anaerobic processes
19. **Turco Antonio:** CNTs: novel approaches towards spinal network repairing

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