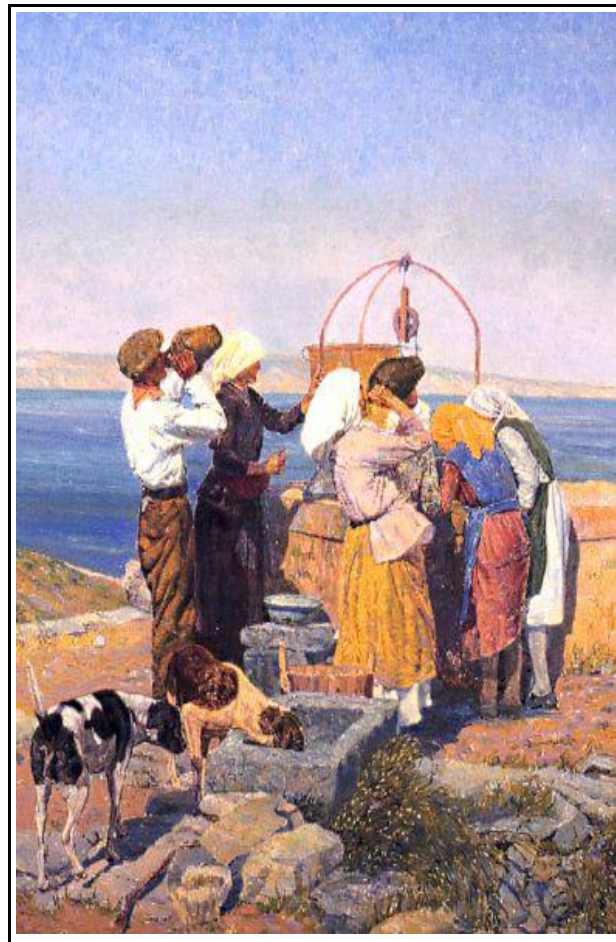


International School Of Advanced BioMedicine and BioInformatics

2005 Course

Pantelleria Island, June 18-25

Molecular BioMedicine, Medical Genomics and BioInformatics



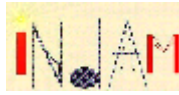
Under the Auspices and the Sponsorship of



Università di Catania Facoltà di Medicina e Chirurgia



Facoltà di Scienze
M. F. N.



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Dottorato di Ricerca in Biologia, Genetica Umana e Bioinformatica - Dipartimento di Scienze Biomediche - Dipartimento di Matematica e Informatica - Scuola di Specializzazione in Genetica Medica - Accademia Gioenia - Scuola Superiore di Catania - Consorzio Interuniversitario per le Biotecnologie - Istituto Oncologico del Mediterraneo - Progetto Software - Regione Siciliana - Provincia di Trapani - Comune di Pantelleria

The 2005 Course of the **International School of Advanced BioMedicine and BioInformatics** aims at presenting advanced research in the always more intertwined fields of *BioMedicine* and *BioInformatics*, and to foster collaborations among Participants. Its main focus will be on the contributions of Genomics, BioInformatics and Biotechnology to Molecular Medicine. Invited Speakers will give seminars on the topics chosen as School themes and will organize the work of Students with the support of Tutors. The 2005 Course, which addresses PhD Students and junior Researchers who want to get exposed to the forefront of research activity in the field of **Molecular BioMedicine, Medical Genomics and BioInformatics**, will be held in the beautiful surroundings of the Island of Pantelleria.

Two kinds of participants are welcome: *Students* (Participants who are expected to do afternoon coursework and take a final examination) and *Auditors* (Participants who are not interested in taking the final examination). Up to 60 Students and a limited number of additional Auditors will be admitted. Deadline for application is April 25, 2005. Applicants must include a short *curriculum vitae* with a selected list of publications and specify two professors whom letters of recommendation will be asked to, if deemed necessary. If they wish to present their original work, they must send a max-one-page abstract (A4 format Times New Roman 12). All contributions will be presented as 70cm (height) x 50cm (width) posters. A pdf version of each poster will be published on the school web site. Admission to the School will be notified by April 30, 2005.

Registration fee is 800 Euro. The fee covers full-board treatment in comfortable double rooms, transfer Pantelleria airport-Conference site-Pantelleria airport, social tour and social dinner. The official language is English. Participants will be arranged in the Hotel Village Suvaki (Tel. 0923/918430 - Fax 0923/917004). The conference room (in the same hotel) is air-conditioned and equipped with all conference materials. Special areas are reserved to students for the afternoon coursework and study. The island of Pantelleria can be reached from Trapani, Roma and Milano by plane or from Trapani by ferry.

Directors of the School

M Purrello and A Ferro

Directors of the Course

R Bernardini, N Crimi, C Di Pietro, A Ferro, A Messina, F Purrello, M Purrello, S Stefani, R Vigneri

Scientific Committee

A Agodi, A Apostolico, D Cantone, A Calogero, ML Carnazza, P Castellino, D Condorelli, V Cutello, G D'Agata, G A Danieli, R De Maria, V De Pinto, F Di Raimondo, S Ferrari, G Gallo, R Giancarlo, R Giustolisi, S Guccione, C Guerra, G Li Volsi, T Mattina, C Mazzarino, C Montoneri, F Nicoletti, V Nicoletti, M Panella, L Pavone, R Polosa, G Principato, G Quattrocchi, M A Rabuazzo, S Saccone, S Sanfilippo, M Scalia, G Schilirò, A Sciotto, F Sinatra, G Sorge, F Stivala, S Travali, C Vancheri, E Vasquez, M Zappia

Tutors

D Barbagallo, V Cafiso, G Cantarella, R Giugno, T Luca, A Pulvirenti, S Piro, M Ragusa, M Santagati

Themes

Molecular BioMedicine, Molecular Oncology, Medical Genomics, Pharmacogenetics, Medical Biotechnologies, BioInformatics.



Speakers

- **I Cascorbi**, *University Hospital Schleswig-Holstein, Kiel Germany, UE*
“Pharmacogenomics in clinical practice: chances and limitations”
“Toxicogenomics: foreign compound metabolizing enzymes as risk markers of malignant diseases”
- **P Courvalin**, *Institut Pasteur, Paris, France, UE*
“Combinatorial resistance of bacteria to antibiotics”.
“Regulation of vancomycin resistance gene expression in Enterococcus and Staphylococcus aureus”.
- **C Croce**, *Ohio State University, Ohio, USA*
“From Gene Discovery to Cancer Prevention and Treatment”
- **F Dotta**, *Università di Siena, Italy, UE*
“Genetics of Diabetes and its Prevention ”
- **KH Grzeschik**, *University of Marburg, Germany, UE*
“Genome dynamics and genomic diseases”
“Dissecting limb developmental programs: genetic and genomic approaches”
- **G Kimmel**, *Tel Aviv University, Israel*

“Computational Problems in SNPs and Haplotypes”

- [G Myers](#), *University of California, Berkeley, USA*
“From Whole Genome Sequencing to Comparative Genomics to Systems Biology”
- [G Pozzi](#), *Università di Siena, Italy, UE*
“Recombinant Vaccines”
- [D Shasha](#), *New York University, New York, USA*
“Biocomputational Puzzles”



Workshop

Genome Research at the Crossroad Between BioMedicine and BioInformatics
