

Sede di Piemonte Orientale

**Ribulla S., Marchetti C., Magnelli V., Burlando B.** - Resveratrol induces intracellular Ca<sup>2+</sup> rise in malignant mesothelioma: a possible therapeutic approach

Sede di Parma

**Bridelli M.G., Stani C., Bedotti R., Bertolotti M.** - Fourier Transform Infra Red investigation of the influence of hydration and non-enzymatic glycation on the structural properties of collagen  
**Stani C., Erokhin V., Traversari M., Boano R., Rabino Massa E., Bridelli M.G.** - SEM microscopy of mummified skin

Sede di Palermo

**Giammanco M., Cassata G., Cicero L., Vazzana I., Puleio R., Lo Monte A., Tomasello G., Leto G., Venturella F., Di Majo D., La Guardia M., Aiello S.** - 3,5-diiodo-L-thyronine-induced modification in pituitary-thyroid axis in rats fed high-fat diet. A preliminary report

**Venturella F., Mistretta C.** - Binge drinking: consumption practices among young people. Analysis of the questionnaires compiled by students of Palermo city and province involved in the prevention and information project

**Venturella F., Tumbarello M.C., Giammanco M., Aiello S.** - Monitoring and use of antimycotic for systemic use supplied by the State Hospital pharmacy of Marsala (TP), Italy: Mycamine® (Micafungin)

**Venturella F., Sortino D., Mistretta C., Lombardo L.** - Monitoring of atypical antipsychotic drugs supplied by the pharmacy of Fratelli Parlapiano Hospital of Ribera (AG), Italy

**Messina C.M., Laudicella V.A., Pizzo F., Modica A., Santulli A.** - Biomarkers of oxidative stress as an early warning system to detect in vitro xenobiotics' toxicity: effects of sub lethal doses of Bis (2-chloro-1-methylethyl) ether in cell culture

**Messina M.C., Randazzo M., Arena R., Laudicella V.A., Santulli A.** - Slinity stress response in three species of Sparidae candidate for organic Aquaculture

Sede di Reggio Calabria

**Mannarino F., Calantoni V., Caccamo A., Faggio C.** - Evaluation of the sensitivity of different kits used in ANCA's determination

**Princi M.R., Mannarino F., Trischitta F., Caccamo A.** - Evaluation of diagnostic efficacy of a new test, ZNT8, used in the screening of diabetes mellitus 1

Sede di Sassari

**Farina V., Giua S., Zedda M.** - Femoral bone micromorphology: a comparative study between wild (*Ovis aries musimon*) and domestic sheep (*Ovis aries aries*)

Sede di Torino

**Milani C., Di Stefano M., Isaia G., Panattoni G.L.** - Vertebral morphometry for stature estimation in forensic anthropology based on DEXA imaging: a preliminary report

16.40 Conclusione e chiusura dei lavori

#### Presidente

Emma Rabino Massa

#### Comitato Scientifico

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#### Guest Editors

Gianluigi Mariottini, Donatella Minaldi

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Con il patrocinio di



UNIVERSITÀ DEGLI STUDI DI TORINO

# SOCIETÀ ITALIANA di BIOLOGIA SPERIMENTALE

## 87° Convegno

## POPOLAZIONI, AMBIENTE, SALUTE

## Programma

## TORINO 5-6 DICEMBRE 2014

RETTORATO

Via Verdi 8, TORINO

## Venerdì 5 dicembre

12.30-14.00 **Registrazione partecipanti**

14.00-14.30 **Saluto delle autorità**

Presidente Accademia delle Scienze, Prof. Alberto Conte

Accademia Medicina, Prof. Gianni Losano

Presidente S.I.B.S., Prof. Luigi Pane

14.30-15.00 **“Lettura QuagliarIELLO”**

Dott.ssa **Raffaella Rastaldo** (Dipartimento di Scienze Cliniche Biologiche)

Ischemic and pharmacological postconditioning of the heart: protective role of apelin-13

15.00-16.00 **Contributi Scientifici**. Moderatore: Prof. R. Antolini  
**Pantaleo A., Pau M.C., Phan T.H.G., Turrini F., Pippia P.G.** - Syk inhibitors as potential antimalarial drugs: field study in Vietnam and Uganda

**Chiarelli B., Martire A.** - Insuline resistance and type 2 diabetes in the American Indians populations

**Crescio C., Sechi C., Pantaleo A., Pippia P.** - A proteomic approach to study the effects of microgravity and oxidative stress on signal transduction in human T lymphocytes

**Sozzo S., Gilardi G., Garibaldi A., Gullino M.L.** - Ecosystem based approach applied to disease management in agroecosystem

16.00-16.30 **Pausa caffè**

16.30-17.15 **Contributi Scientifici**. Moderatore: Prof.ssa M.G. Bridelli

**Comandone A., Boglione A., Giubellino E., Sartori M.L.** - Rare tumors and clinical trials

**Fulcheri E., Ponte R., Fagnani S., Brisigotti M.P.** - Expression of adhesion molecules in intermediate extravillous trophoblast in normal and pathological conditions

**Boano R., Girotti M., Minaldi D., Cinti A., Fulcheri E., Rabino Massa E.** - Dental health in the past: research and perspectives from paleopathology

17.15-17.45 **Sessione poster**. Moderatore: Prof. E. Fulcheri  
Sede di Messina

**Capillo G., Genovese G., Monteleone A., Morabito M., Sanfilippo M., Manganaro A.** - From culture to application. Agar from *Gracilaria gracilis* of Ganzirri lagoon (Sicily, Italy)

**Capillo G., Lauriano R.E., Zaccone G., Dugo G.** - Structural and immunohistochemical study of photophores in the body of the dragonfish, *Chauliodus sloani*

**Pagano M., Genovese G., Dottore A., Morabito M., Faggio C.** - Biological activities of polysaccharides from marine algae

Sede di Palermo

**Aiello S., Venturella F., Giammanco M.** - New 5-dimethyl-3-heteroaryl-1*H*-4-ONN-azoxycyanides: synthesis and antimycotic activity  
**Cruciata I., Gentile C., La Rosa C., Naselli F., Perez A., Tesoriere L., Livrea M.A., Caradonna F.** - IL-1 $\beta$  maintains the DNA hypermethylation of anti-inflammatory IL10 gene in a human intestinal epithelial cell line

**La Rosa C., Naselli F., Gentile C., Cruciata I., Perez A., Chiarelli R., Tesoriere L., Livrea M.A., Caradonna F.** - Methylation decrease of *BECN1* gene induced by phytochemical indicaxanthin in Caco2 cells: an epigenetic hypothesis of autophagy

17.45-18.45 **Assemblea della Società Italiana di Biologia Sperimentale**

## Sabato 6 dicembre

9.00-10.15 **Contributi Scientifici**. Moderatore: Prof. P.Pippia

**Porcino C., Guardiola Abellán F.A., Cerezuola Cabrera R., Cuesta Peñafiel A., De Los Angeles Esteban Abad M., Faggio C.** - Effect of dietary supplementation of probiotics and palm fruits extracts on innate immune response of sea bass (*Dicentrarchus labrax*)

**Fazio A., Barreca D., Bonaccorsi P., Panuccio M.R.** - Antioxidant properties and polyphenolic composition of leaves of Calabrian *Lavandula multifida*

**Cardenia V., Mattiaccio M., Rodriguez-Estrada M.T., Cocchi M.** - Determination of the different meat lipid fractions by gas - chromatography

**Minuto C., Cocchi M.** - Milk fat globule: biological and nutritional aspects

**Freccero R.** - Educate peoples for the environment and health: nourish the placet-energy for life

10.15-10.45 **Pausa caffè**

10.45-11.25 **In ricordo del Prof. Umberto Parenti**

Dott. **Piermauro Giachino**

**Lettura dedicata al Prof. Umberto Parenti**

Prof. **Brunetto Chiarelli**

11.25-12.55 **Contributi Scientifici**. Moderatore: Prof. L. Pane

**Cappelletti R., Ceppi M., Gennaro V.** - Health status of workers exposed to diffuse emissions from an electric arc furnace in Trentino (Italy)

**Cerri M., Amici R., Del Vecchio F., Di Cristoforo A., Hitrec T., Luppi M., Perez E., Zamboni G.** - Sleep homeostasis after the induction of a torpor-like state in the rat

**Cerri M., Amici R., Del Vecchio F., Di Cristoforo A., Hitrec T., Luppi M., Perez E., Zamboni G.** - Electroencephalographic changes during the induction of a torpor-like state in rats

**Morabito R., Marino A., La Spada G., Pane L., Mariottini G.L.** - *Pelagia noctiluca* (Cnidaria: Scyphozoa) and its venom. Three decades of research in Italian laboratories and future perspectives

**Berio A., Piazza A.** - Neurotoxins in Cnidaria and convulsions in zebrafish and in severe myoclonic epilepsy of infancy

**Bonello G., Pane L.** - Ecology of *Tigriopus fulvus* Fischer, 1860 (Copepoda: Harpacticoida): metapopulations and environmental factors

12.55-13.30 **Sessione Posters**. Moderatore: Prof. B. Chiarelli

Sede di Messina

**Di Bella L.M., Alampi R., Biundo F., Felice M.R.** - Copper-dependent regulation of different proteins involved in iron Metabolism

**Silva-Herdade A., Andolina G., Faggio C., Saldanha C.** - Platelet-activating factor induced inflammation: *in vivo* study  
**Calabrò S., Alzoubi K., Lang F., Faggio C.** - Enhanced eryptosis following sulfuraphane exposure

**Mischitelli M., Navarro S., Cortés R., Sanchez E., Faggio C., Cerdá-Reverter J.M.** - Possible role of the melanocortin system in the regulation of fear response and anxiety

**Modicano P., Bissinger R., Alzoubi K., Honisch S., Abed M., Lang F., Faggio C.** - Saponin, a trigger of eryptosis, the suicidal erythrocyte death

**Modicano P., Arnold M., Lang E., Bissinger R., Abed M., Lang F., Faggio C.** - Stimulation of suicidal erythrocyte death by nitazoxanide

**Vazzana M., Santini A., Veiga F.J., Silva A.M., Faggio C., Souto E.B.** - Formulating polyphenols in hydrophilic polymeric solid dosage forms and pharmacokinetic characterization by mathematical modeling

**Vazzana M., Santini A., Veiga F.J., Silva A.M., Souto E.B., Faggio C.** - Functionalized nanostructures derived from self-assembled polyphenols for targeted delivery against cancer

**Spanò A., Arena A., Zammuto V., Maugeri T.L., Gugliandolo C.** - Antiviral and immunomodulatory effects of biopolymers by marine extremophilic bacilli against Herpes simplex virus type-2

**Zammuto V., Spanò A., Maugeri T.L., Gugliandolo C.** - Ultraviolet radiations resistance of spores from two novel *Bacillus homeckiae* strains of shallow marine hydrothermal origin

13.30-14.30 **Colazione di lavoro**

14.30-15.30 **Contributi Scientifici**. Moderatore: Prof. G. L.Panattoni  
**Bonaldo G., Micheletti Cremasco M., Panattoni G.L.** - Evaluation of bimanual percussion performance in normal subjects as a methodological approach for investigating the professional pathology in drummers

**Boattini A., Sarno S., Pedrini P., Medoro C., Carta M., Tucci S., Ferri G., Alù M., Luiselli D., Pettener D.** - From the Baltic sea to the Padana plain. Traces of Medieval migrations in Northern Italy revealed by uniparental markers and deep-rooted pedigrees

**De Iasio S., Girotti M., Boano R.** - The repopulation of Giaglione (TO), Italy after the plague of 1629-30: an analysis with the frequencies of surnames

**Orrù A., Sanna E., De Iasio S.** - Transhumance between highland and lowland Sardinians: a surname distribution analysis

**Minaldi D., Rabino Massa E., Chiarelli B.** - The human population in the Alpine ecosystem: the example of Bellino, Val Varaita (CN), Italy