



41° CONGRESSO NAZIONALE della SOCIETÀ ITALIANA di FARMACOLOGIA



SOCIETÀ ITALIANA DI FARMACOLOGIA

XXIV SIF SEMINAR ON PHARMACOLOGY FOR PHD STUDENTS, FELLOWS, POST DOC AND SPECIALIST TRAINEES

Rome, 15th-16th November 2022

3PSOLUTION

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15th NOVEMBER 2022

MASSALIA I/II

13.00 Participants' Registration

13.30 **Welcome remarks and opening ceremony**

Participants: **Jacopo Angelini, Elisabetta Caiazzo, Michela Campolo, Giuseppe Cirino, Armando Genazzani, Ambra Grolla, Giorgio Racagni, Rossana Roncato**

MASSALIA I/II

14.00 Oral Communications Session 1:
Neuropharmacology

Chairpersons: **Michela Campolo (SIF), Antonia Manduca (SINS)**

15.30 Oral Communications Session 3:
Pharmacognosy and Toxicology

Chairpersons: **Adriana Graziano (SIPHAR), Giovanna Rigillo (SIF)**

MASSALIA I/II

17.00 Round Table: 5 "W" rules for writing a grant application

Participants: **Giuseppe Cirino, Armando Genazzani, Ambra Grolla, Stefano Vella**

18.00 SIF Young Members Group Assembly

MYSALA

Oral Communications Session 2:
Cancer Pharmacology

Chairpersons: **Stefania Crucitta (SIF), Ilaria Guerriero (SIC)**

Oral Communications Session 4:
Pharmacovigilance,
Pharmacoepidemiology,
Pharmacoeconomics and
Real World Evidence

Chairpersons: **Natasha Irrera (SIF), Davide Petri (AIE)**

16th NOVEMBER 2022

MASSALIA I/II

8.30 Oral Communications Session 5:
Basic Research
Chairpersons: **Francesca Lazzara (SIF), Katia Andreadi (EnGiol)**

MASSALIA I/II

10.00 Mind Mapping: organize and convey data in an engaging, clear and memorable way
Speaker: **Giulia Comba**
Introduced by: **Rossana Roncato**

11.00 Plenary Lecture: How immunotherapy did change the treatment of pediatric acute leukaemia
Speaker: **Franco Locatelli**
Introduced by: **Armando Genazzani, Jacopo Angelini**

MASSALIA I/II

12.00 Oral Communications Session 7:
Cardiovascular and Metabolic Pharmacology
Chairpersons: **Elisabetta Caiazzo (SIF), Marisa Le Donne (SIMeF)**

13.00 **Conclusions**

MYSALA

Oral Communications Session 6:
Rare Diseases, Personalized Medicine and Pharmacogenetics
Chairpersons: **Nicolò Bendinelli (SIARV), Lucia Gozzo (SIF)**

MYSALA

Oral Communications Session 8:
Inflammation Pharmacology and Immunopharmacology
Chairpersons: **Giuseppe Ercolano (SIF), Isabella Romeo (DCF)**

LEGENDA

AIE: Associazione Italiana di Epidemiologia

EnGiol: Gruppo Giovani della Società Italiana di Endocrinologia

DCF: Divisione di Chimica Farmaceutica della Società Chimica Italiana

SIARV: Società Italiana Attività Regolatorie, Accesso, FarmacoVigilanza

SIC: Società Italiana di Cancerologia

SIMeF: Società Italiana di Medicina Farmaceutica

SINS: Società Italiana di Neuroscienze

SIPHAR: Società Italiana di Farmacognosia

ORAL COMMUNICATIONS SESSION 1

NEUROPHARMACOLOGY

15th November, 14.00-15.30

MASSALIA I/II

Chairpersons: **Michela Campolo, Antonia Manduca**

Ellagic and Punicic acid alleviate neuronal damage by reducing oxidative stress and regulating autophagy

Mannino Federica, Imbesi Chiara, Irrera Natasha, Pallio Giovanni, Squadrito Francesco, Bitto Alessandra

PEA-OXA ameliorates allodynia, neuropsychiatric and adipose tissue remodeling induced by social isolation

Belardo Carmela, Alessio Nicola, Pagano Martina, De Dominicis Emanuela, Infantino Rosmara, Perrone Michela, Iannotta Monica, Galderisi Umberto, Rinaldi Barbara, Scuteri Damiana, Bagetta Giacinto, Palazzo Enza, Maione Sabatino, Luongo Livio

Early life events induce sex- and age-dependent dysregulation of stress-related endogenous systems in the rat prefrontal cortex

Losapio Loredana Maria, Rullo Laura, Morosini Camilla, Trezza Viviana, Ciccocioppo Roberto, Candeletti Sanzio, Romualdi Patrizia

Genetic deletion of calcineurin B1 in astrocytes reduces amyloid burden, neuroinflammation and improves memory in acute and chronic mouse models of Alzheimer's disease

Dematteis Giulia, Tapella Laura, Balducci Claudia, Forloni Gainluigi, Genazzani Armando A., Lim Dmitry

1 α ,25-dihydroxyvitamin D3 protects retinal ganglion cells in glaucomatous mice

Lazzara Francesca, Amato Rosario, Platania Chiara Bianca Maria, Conti Federica, Chou Tsung-Han, Porciatti Vittorio, Drago Filippo, Bucolo Claudio

Switching OnabotulinumtoxinA and Monoclonal Antibodies Anti-CGRP in Severe, Drugs-Resistant Chronic Migraine

Iannone Luigi Francesco, Burgalassi Andrea, Fattori Davide, De Cesaris Francesco, Chiarugi Alberto, Geppetti Pierangelo

Preclinical *in vivo* evaluation of the candidate drug REL-1017: future perspectives for Amyotrophic Lateral Sclerosis treatment

Colognesi Martina, Shkodra Atea, Gabbia Daniela, Traversa Sergio, Manfredi Paolo, De Martin Sara

Differential responses to redox stress in brain cortex and spinal cord astrocytes from the SOD1G93A mouse model of amyotrophic lateral sclerosis

Torazza Carola, Marini Cecilia, Cossu Vanessa, Kumar Mandeep, Milanese Marco, Cortese Katia, Bruno Silvia, Bellese Grazia, Carta Sonia, Zerbo Roberta Arianna, Bauckneht Matteo, Venturi Consuelo, Raffa Stefano, Orengo Anna Maria, Donegani Maria Isabella, Chiola Silvia, Ravera Silvia, Castellani Patrizia, Morbelli Silvia, Sambuceti Gianmario, Bonanno Giambattista

The role of MicroRNA-34a on Dorsal Raphe Nuclei neurotransmission in response to specific valence stimuli

Guzzo Serafina Manila, Ielpo Donald, Porcheddu Giovanni, Papagni Virginia, Lo Iacono Luisa, Marchetti Cristina, Viscomi Mariateresa, Ventura Rossella, Cifani Carlo, Andolina Diego

ORAL COMMUNICATIONS SESSION 2

CANCER PHARMACOLOGY

15th November, 14.00-15.30

MYSALA

Chairpersons: **Stefania Crucitta, Ilaria Guerriero**

Erucin isolated from *Eruca sativa* Mill. seeds, induces apoptosis of human melanoma cells and modulates their aggressiveness *in vitro*

Conte Lia, Maresca Daniela Claudia, Giuseppe Ecolano, Angela Ianaro

Sulforaphane promotes apoptotic and ferroptotic cell death in U-937 leukemia cells

Greco Giulia, Schneidenburger Michael, Catanzaro Elena, Turrini Eleonora, Ferrini Fabio, Sestili Piero, Diederich Marc, Fimognari Carmela

Involvement of KCNJ8 (Kir6.1), KCNJ11 (Kir6.2), ABCC8 (Sur1), and ABCC9 (Sur2-A/B) genes encoding for ATP sensitive K⁺ channel subunits in cancer

Maqoud Fatima, Zizzo Nicola, Attimonelli Marcella, Passantino Giuseppe, Tinelli Antonella, Antonacci Marina, Scala Rosa, Ranieri Girolamo, Tricarico Domenico

ALDH1A1 overexpression promotes tumor angiogenesis by activating il-8/ NOTCH signaling

Ciccone Valerio, Terzuoli Erika, Ristori Emma, Filippelli Arianna, Ziche Marina, Morbidelli Lucia, Donnini Sandra

Food has a power: Erucin for a new promising therapeutic strategy against breast cancer

Bello Ivana, Smimmo Martina, Vellecco Valentina, Bucci Maria Rosaria, Cirino Giuseppe, Panza Elisabetta

Dexamethasone promotes a stem-like phenotype in human melanoma cells via tryptophan 2,3 dioxygenase

Cecchi Marta, Mannini Antonella, Lapucci Andrea, Silvano Angela, Eid Ali Hussein, Parenti Astrid

Cdk5 as a potential new target for the improvement of testicular non-seminoma cisplatin response: a preclinical study

Rossini Elisa, Tamburello Mariangela, Abate Andrea, Zizioli Daniela, Mirabella Giuseppe, Valcamonico Francesca, Berruti Alfredo, Sigala Sandra

The role of Dimethyl Fumarate (DMF) to counteract Oral Squamous Cell Carcinoma (OSCC) Progression

Basilotta Rossella, Lanza Marika, Casili Giovanna, Filippone Alessia, Campolo Michela, Paterniti Irene, Cuzzocrea Salvatore, Esposito Emanuela

The bispecific DARPIn® molecule MP0310 enhances daratumumab-mediated anti-myeloma activity

Saltarella Ilaria, Lamanuzzi Aurelia, Melaccio Assunta, Apollonio Benedetta, Desantis Vanessa, Link Alexander, Hepp Julia, Ria Roberto, Altamura Concetta, Desaphy Jean-François, Vacca Angelo, Frassanito Maria Antonia

ORAL COMMUNICATIONS SESSION 3

PHARMACOGNOSY AND TOXICOLOGY

15th November, 15.30-17.00

MASSALIA I/II

Chairpersons: **Adriana Graziano, Giovanna Rigillo**

Artocarpus tonkinensis Inhibits LPS-Triggered Inflammation Markers and Suppresses Osteoclastogenesis in RAW264.7

Adorisio Sabrina, Orecchini Elena, Mondanelli Giada, Panfili Eleonora, Belladonna Maria Laura, Delfino Domenico

Protective effects of PollenAid Plus soft gel capsules hydroalcoholic extract in isolated prostate and ovary exposed to lipopolysaccharide

Nilofar Nilofar, Chiavaroli Annalisa, Cristina Di Simone Simonetta, Acquaviva Alessandra, Loreta Libero Maria, Campana Claudia, Recinella Lucia, Leone Sheila, Brunetti Luigi, Orlando Giustino, Vitale Irene, Cesa Stefania, Menghini Luigi, Ferrante Claudio

Binding and functional studies of cannabidiol- and cannabigerol-type phytocannabinoids on CB1 and CB2 cannabinoid subtypes and heteromeric receptors

Pasquini Silvia, Vincenzi Fabrizio, Navarro Gemma, Nadal Xavier, Franco Rafael, Borea Pier Andrea, Varani Katia

Ficus carica L. phytoextracts differently modulate lipid metabolism and adipogenesis in 3T3-L1 adipocytes depending on their seasonality

Abate Giulia, Mandrone Manuela, Pucci Mariachiara, Chiochio Ilaria, Mac Sweeney Eileen, Tirelli Emanuela, Uberti Daniela, Poli Ferruccio, Memo Maurizio, Mastinu Andrea

Cyanidin-3-O-glucoside suppresses adipogenesis in the early phase in 3T3-L1 cells through activation of thermogenic pathways

Molonia Maria Sofia, Muscarà Claudia, Salamone Federica Lina, Saija Antonina, Speciale Antonio, Cimino Francesco

Anticancer effects of *Citrus limon* essential oil in an *in vitro* experimental model of resistant human acute lymphoblastic leukaemia

Maugeri Alessandro, Abdelfatah Sara, Efferth Thomas, Navarra Michele

Ulva pertusa, a marine green alga, attenuates DNBS-induced colitis damage via NF- κ B/Nrf2/SIRT1 signaling pathways

Ardizzone Alessio, Filippone Alessia, Mannino Deborah, Scuderi Sarah Adriana, Casili Giovanna, Lanza Marika, Cucinotta Laura, Campolo Michela, Esposito Emanuela

Immunological implications of Endocrine Disrupting Chemicals (EDCs): RACK1 as a bridge between the endocrine and the immune systems

Masi Mirco, Buoso Erica, Galbiati Valentina, Maddalon Ambra, Iulini Martina, Marinovich Marina, Racchi Marco, Corsini Emanuela

Cardiac homeostasis imbalanced following chronic exposure to mainstream emission of a heated tobacco product

Granata Silvia, Vivarelli Fabio, Canistro Donatella, Franchi Paola, Lucarini Marco, Paolini Moreno

ORAL COMMUNICATIONS SESSION 4

**PHARMACOVIGILANCE, PHARMACOEPIDEMIOLOGY,
PHARMACOECONOMICS AND REAL WORLD EVIDENCE**

15th November, 15.30-17.00

MYSALA

Chairpersons: **Natasha Irrera, Davide Petri**

The regulatory framework in the definition of borderline products under the Regulation (EU) 745/2017 and MDCG 2022-5 guideline

Drago Valentina, Giuffrida Agata Katia, Giuffrida Federica, Filippo Drago

Cohort Event Monitoring of COVID-19 Vaccine safety in Special Cohorts in Italy

Ciccimarra Francesco, Bellitto Chiara, Luxi Nicoletta, De Sarro Giovambattista, Fava Giuseppina, Ferri Marina, Firenze Alberto, Sacripanti Chiara, Sapigni Ester, Tessari Roberto, Vannacci Alfredo, Vitale Francesco, Zandonà Emanuela, Trifirò Gianluca

Herpes zoster and *simplex* reactivation following COVID-19 vaccination: new insights from a vaccine adverse event reporting system (VAERS) database analysis

Gringeri Michele, Battini Vera, Mosini Giulia, Guarnieri Greta, Bombelli Anna, Leoni Chiara, Pozzi Marco, Radice Sonia, Clementi Emilio, Carnovale Carla

Covid-19 vaccines-induced thrombosis with thrombocytopenia syndrome: data from the Italian pharmacovigilance national network

Bonaso Marco, Marchione Pasquale, Felicetti Patrizia, Petronzelli Fiorella, Cappello Emiliano, Samez Sarah, Zappetti Cristina, Rossi Paola, Merlano Caterina, Valdiserra Giulia, Ferraro Sara, Convertino Irma, Marra Anna Rosa, Parrilli Maria, Tuccori Marco

Off-label use of medicines for pediatric patients affected by onco-hematologic diseases: a 7-years follow-up at the University Hospital of Catania

Gozzo Lucia, Brancati Serena, Longo Laura, Vitale Daniela Cristina, Spoto Salvatore, Russo Giovanna, Drago Filippo

Comparison of Biological Drug Use for the Treatment of Immune-mediated Inflammatory Diseases in Pivotal Clinical Trials vs. the Real-World Setting: A Population-Based Study from five Italian Regions

Ingrasciotta Ylenia, Benoni Roberto, Fiore Elena Sofia, L'Abbate Luca, Isgrò Valentina, Cavazzana Anna, Biasi Valeria, Rossi Paola, Ejlli Lucian, Belleudi Valeria, Poggi Francesca, Solfrini Valentina, Puccini Aurora, Tuccori Marco, Gini Rosa, Trifirò Gianluca

European Safety Analysis of mRNA and Viral Vector COVID-19 Vaccines on Glucose Metabolism Events

Di Mauro Gabriella, Mascolo Annamaria, Longo Miriam, Maiorino Maria Ida, Scappaticcio Lorenzo, Bellastella Giuseppe, Esposito Katherine, Capuano Annalisa

A case report of an ischemic stroke during galcanezumab therapy for migraine and a review of the current literature

Lo Castro Flavia, Colella Giuliana, Gozdziwska Patrizia, Baraldi Carlo, Cainazzo Maria Michela, Pani Luca

Risk of glaucoma diagnosis in patients who received intravitreal injections of VEGF inhibitors: a cohort study

Spini Andrea, Giometto Sabrina, Donnini Sandra, Posarelli Matteo, Dotta Francesco, Tosi Gian Marco, Ziche Marina, Girardi Anna, Lucenteforte Ersilia, Gini Rosa, Etmnan Mahyar, Virgili Gianni

ORAL COMMUNICATIONS SESSION 5

BASIC RESEARCH

16th November, ore 8.30-10.00

MASSALIA I/II

Chairpersons: **Francesca Lazzara, Katia Andreadi**

Hippocampal dysregulation of membrane-associated glucocorticoid receptors and structural plasticity in the activity-based anorexia rat model

Targa Giorgia, Mottarlini Francesca, Rizzi Beatrice, Fumagalli Fabio, Caffino Lucia

SerpinB3 administration protects liver against ischemia-reperfusion injury

Di Pasqua Laura Giuseppina, Turato Cristian, Cagna Marta, Biasiolo Alessandra, Ferrigno Andrea, Pontisso Patrizia, Vairetti Mariapia

New association based on mesoglycan or heparan sulfate and growth factors for the treatments of skin wound healing

Novizio Nunzia, Belvedere Raffaella, Morello Silvana, Petrella Antonello

Effects of ketamine on social cognition in mice carrying partial deletion of Arc gene

Contarini Gabriella, De Luca Angelina, Salomone Salvatore, Drago Filippo, Papaleo Francesco, Leggio Gian Marco

PCSK9 deficiency affects systemic metabolism and cardiac function

Da Dalt Lorenzo, Castiglioni Laura, Baragetti Andrea, Svecla Monika, Bonacina Fabrizia, Pedretti Silvia, Uboldi Patrizia, Pellegatta Fabio, Sironi Luigi, Mitro Nico, Catapano Alberico Luigi, Norata Giuseppe Danilo

BCAAs and Di-Alanine supplementation in the treatment of sarcopenia: beneficial effects on skeletal muscle mass and function in aged mice

Boccanegra Brigida, Mantuano Paola, Bianchini Gianluca, Cappellari Ornella, Tulumiero Lisamaura, Conte Elena, Cirimi Santa, Sanarica Francesca, De Bellis Michela, Mele Antonietta, Liantonio Antonella, Allegretti Marcello, Aramini Andrea, De Luca Annamaria

Devising a multi-parametric screening for the identification of novel natural compounds with anti-aging properties: a new pharmacological approach

Annunziata Chiara, Ang Hazel Xiaohui, Welch Robert, Meli Rosaria, Riedel Christian, Pietrocola Federico

Role of diabetes in the development and progression of calcific aortic valve disease
Donato Maristella, Ferri Nicola, Rattazzi Marcello, Dharmarajan Subramanian, Speer Mei, Leaf Elizabeth, Scatena Marta, Giachelli Cecilia

Anti-inflammatory treatment with etodolac restores local insulin signalling and hormonal profile in a mice model of diet-induced metabolic derangements
Einaudi Giacomo, Ferreira Alves Gustavo, Aimaretti Eleonora, Collotta Debora, Porchietto Elisa, Mastrocola Raffaella, Fornelli Claudia, Cifani Carlo, Aragno Manuela, Penna Fabio, Bertinaria Massimo, Collino Massimo

ORAL COMMUNICATIONS SESSION 6

RARE DISEASES, PERSONALIZED MEDICINE AND PHARMACOGENETICS

16th November, ore 8.30-10.00

MYSALA

Chairpersons: **Nicolò Bendinelli, Lucia Gozzo**

CIC-39Na reverse thrombocytopenia and muscle damage that characterize Tubular Aggregate Myopathies

Pessolano Emanuela, Riva Beatrice, Clemente Nausicaa, Vismara Mauro, Trivigno Silvia M. G, Torti Mauro, Genazzani Armando A.

Preclinical evaluation of safinamide as an antimyotonic drug in myotonic ADR mouse model

Canfora Ileana, Tarantino Nancy, Vailati Silvia, Caccia Carla, Padoani Gloria, Altamura Concetta, Desaphy Jean-François, Pierno Sabata

In search of early diagnosis of acromegaly: machine learning on drug prescriptions and other healthcare services

Crisafulli Salvatore, Fontana Andrea, L'Abbate Luca, Calapai Fabrizio, Vitturi Giacomo, Trifirò Gianluca

Electrophysiological characterization of wild-type and dystrophic myogenic cells: ion channels profile in Duchenne Muscular Dystrophy during myogenesis

Cerchiara Alessandro Giovanni, Imbrici Paola, Cirmi Santa, Wells Dominic, De Luca Annamaria, Cappellari Ornella

Lysosomal acid lipase (LAL) deficiency results in altered immune cells distribution in mice and in humans

Bellini Rossella, Bonacina Fabrizia, Lucchi Tiziano, Pisciotta Livia, Madeo Annalisa, Grigore Liliana, Vujic Nemanja, Kratky Dagmar, Gomaraschi Monica, Norata Giuseppe Danilo

Cannabinoid concentrations in galenic cannabis oil: a descriptive analysis according to seasonality and inter-laboratory variability

Manca Alessandra, Palermi Alice, Mula Jacopo, De Vivo Elisa Delia, Zeaiter Sandra, Maiese Domenico, Antonucci Miriam, Simiele Marco, De Nicolò Amedeo, Cantù Marco, Cusato Jessica, D'Avolio Antonio

The role of the clinical pharmacologist in the management of patients with gastrointestinal cancer treated with FP-based chemotherapy

De Bellis Emanuela, Conti Valeria, Stefanelli Berenice, Manzo Valentina, Torsiello Martina, Sellitto Carmine, Bertini Nicola, De Pascale Domenico, Sabbatino Francesco, Pepe Stefano, Sessa Francesco, Savastano Clementina, Corbi Graziamaria, Citarella Anna, Cammarota Simona, Fogliasecca Marianna, Filippelli Amelia

Differential expression of let-7e and miR-126 may predict response to anti-TNF α biologics in patients with Crohn's disease

Crucitta Stefania, Bertani Lorenzo, Ruglioni Martina, Baiano Svizzero Giovanni, Del Re Marzia, Ceccarelli Linda, Danesi Romano, Costa Francesco, Fogli Stefano

ORAL COMMUNICATIONS SESSION 7

CARDIOVASCULAR AND METABOLIC PHARMACOLOGY

16th November, ore 12.00-13.00

MASSALIA I/II

Chairpersons: **Elisabetta Caiazza, Marisa Le Donne**

A differential proteomic analysis on HuH7 hepatocarcinoma cell line naturally overexpressing or hypoexpressing low density lipoprotein receptor

Lupo Maria Giovanna, Panighel Giovanni, Arrigoni Giorgio, Ferri Nicola

How to manage patients with elevated level of Lp(a) in clinical practice: evaluation of the magnitude of additional LDL cholesterol reduction needed to overcome the increased risk of atherosclerotic cardiovascular events caused by Lp(a)

Galimberti Federica, Olmastroni Elena, Catapano Alberico L., Ference Brian A.

Neutralization of interleukin-17 (IL-17) modulates inflammation, vascular dysfunction, and related prothrombotic state in Alzheimer's disease

Casillo Gian Marco, Raucci Federica, Vellecco Valentina, Saviano Anella, Panza Elisabetta, Mitidieri Emma, Cirino Giuseppe, Sorrentino Raffaella, d'Emmanuele di Villa Bianca Roberta, Bucci Mariarosaria, Maione Francesco

Potential repurposing of fostamatinib in diet-induced metabolic disease: an *in vivo* study

Aimaretti Eleonora, Porchietto Elisa, Ferreira Alves Gustavo, Murzio Carlo, Collotta Debora, Rubeo Chiara, Einaudi Giacomo, Mastrocola Raffaella, Cifani Carlo, Aragno Manuela, Collino Massimo

Pharmacological inhibition of casein kinase 2 (CK2) protects against diet- induced metabolic derangements in mice

Porchietto Elisa, Aimaretti Eleonora, Ferreira Alves Gustavo, Murzio Carlo, Einaudi Giacomo, Collotta Debora, Rubeo Chiara, Mastrocola Raffaella, Aragno Manuela, Cifani Carlo, Collino Massimo

Sacubitril/valsartan in a model of age-related heart failure

Telesca Marialucìa, Capetta Donato, Bellocchio Gabriella, Donniacuo Maria, Riemma Maria Antonietta, De Angelis Antonella, Urbanek Konrad, Berrino Liberato

ORAL COMMUNICATIONS SESSION 8

INFLAMMATION PHARMACOLOGY AND IMMUNOPHARMACOLOGY

16th November, ore 12.00-13.00

MYSALA

Chairpersons: **Giuseppe Ercolano, Isabella Romeo**

Purple corn anthocyanins as a nutraceutical approach to protect against the progression of multiple sclerosis and its associated symptoms

Magni Giulia, Riboldi Benedetta, Marinelli Alessandra, Romano Stefano, Narbad Arjan, Nicoletti Claudio, Di Lorenzo Chiara, Petroni Katia, Ceruti Stefania

Design, synthesis and biological evaluation of novel interleukin-17A (IL-17A)-based sequence with promising therapeutic application in autoimmune diseases

Raucci Federica, Saviano Anella, Marigliano Noemi, Casillo Gian Marco, Profeta Donato, Schettino Anna, Mansour Adel Abo, Bellavita Rosa, Merlino Francesco, Grieco Paolo, Cirino Giuseppe, Bucci Mariarosaria, Iqbal Asif Jilani, Maione Francesco

Chamomile essential oils exert anti-inflammatory effects involving human and murine macrophages: evidence to support a therapeutic action

Maresca Daniela Claudia, Conte Lia, Ianaro Angela, Ercolano Giuseppe

ICOS-Fc as innovative immunomodulatory approach to counteract inflammation and organ injury in sepsis

Ferreira Alves Gustavo, Stoppa Ian, Aimaretti Eleonora, Monge Chiara, Murzio Carlo, Mastrocola Raffaella, Porchietto Elisa, Einaudi Giacomo, Collotta Debora, Bertocchi Ilaria, Boggio Elena, Gigliotti Casimiro Luca, Clemente Nausicaa, Aragno Manuela, Fernandes Daniel, Thiemermann Christoph, Cifani Carlo, Dianzani Chiara, Dianzani Umberto, Collino Massimo

AhR activation in type 1 conventional dendritic cell plays a protective role in the experimental model of sepsis

Scalisi Giulia, Gargaro Marco, Manni Giorgia, Mencarelli Giulia, Ricciuti Dorian, Pieroni Benedetta, Murphy Kenneth M., Fallarino Francesca

SIRT1 and COX-2 as biomarkers of preterm birth

Stefanelli Berenice, Manzo Valentina, Fulgione Caterina, De Bellis Emanuela, Sellitto Carmine, Costantino Maria, Guida Maurizio, Filippelli Amelia, Conti Valeria

FACULTY

- Abate Giulia**, *Brescia*
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Andreadi Katia, *Roma*
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Annunziata Chiara, *Stoccolma (Svezia)*
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Basilotta Rossella, *Messina*
Belardo Carmela, *Napoli*
Bellini Rossella, *Milano*
Bello Ivana, *Napoli*
Bendinelli Nicolò, *Lucca*
Boccanegra Brigida, *Bari*
Bonaso Marco, *Pisa*
Caiazzo Elisabetta, *Napoli*
Campolo Michela, *Messina*
Canfora Ileana, *Bari*
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Cerchiara Alessandro Giovanni, *Bari*
Ciccimarra Francesco, *Verona*
Ciccione Valerio, *Siena*
Cirino Giuseppe, *Napoli*
Cognesi Martina, *Padova*
Comba Giulia, *Milano*
Contarini Gabriella, *Catania*
Conte Lia, *Napoli*
Crisafulli Salvatore, *Verona*
Crucitta Stefania, *Pisa*
Da Dalt Lorenzo, *Milano*
De Bellis Emanuela, *Napoli*
Dematteis Giulia, *Novara*
di Mauro Gabriella, *Napoli*
Di Pasqua Laura Giuseppina, *Pavia*
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Greco Giulia, *Bologna*
Gringeri Michele, *Milano*
Grolla Ambra, *Novara*
Guerriero Ilaria, *Avellino*
Guzzo Serafina Manila, *Roma*
Iannone Luigi Francesco, *Firenze*
Ingrasciotta Ylenia, *Verona*
Irrera Natasha, *Messina*
Lazzara Francesca, *Catania*
Le Donne Marisa, *Roma*
Lo Castro Flavia, *Modena*
Locatelli Franco, *Roma*
Losapio Loredana Maria, *Bologna*
Lupo Maria Giovanna, *Padova*
Lupo Giulia, *Milano*
Manca Alessandra, *Torino*
Manduca Antonia, *Roma*
Mannino Federica, *Messina*
Maquod Fatima, *Bari*
Maresca Daniela Claudia, *Napoli*
Masi Mirco, *Pavia*
Maugeri Alessandro, *Catanzaro*
Molonia Maria Sofia, *Messina*
Nilofar Nilofar, *Chieti*
Novizio Nunzia, *Salerno*
Pasquini Silvia, *Ferrara*
Pessolano Emanuela, *Novara*
Petri Davide, *Pisa*
Porchietto Elisa, *Camerino*
Racagni Giorgio, *Milano*
Rauci Federica, *Napoli*
Rigillo Giovanna, *Modena*
Romeo Isabella, *Catanzaro*
Roncato Rossana, *Udine*
Saltarella Ilaria, *Bari*
Scalisi Giulia, *Perugia*
Spini Andrea, *Siena*
Stefanelli Berenice, *Salerno*
Tamburello Mariangela, *Brescia*
Targa Giorgia, *Milano*
Telesca Marialucia, *Napoli*
Torazza Carola, *Genova*
Vella Stefano, *Roma*



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