

**SOCIETÀ ITALIANA DI FARMACOLOGIA**

**UNIVERSITÀ DEGLI STUDI DI SIENA  
DIPARTIMENTO DI NEUROSCIENZE**

**XII SEMINARIO NAZIONALE PER DOTTORANDI  
IN FARMACOLOGIA E SCIENZE AFFINI**

Siena  
Certosa di Pontignano  
22-25 Settembre 2008

**Segreteria Organizzativa**

Maria Luisa Valacchi  
Giuseppe Scorzafave  
Serena Passeri

**Segreteria Scientifica**

Giampietro Sgaragli  
Maria Frosini  
Fabio Fusi

## COMUNICAZIONI

Siamo lieti di annunciare che il Consiglio Direttivo della Società Italiana di Farmacologia ha istituito un premio di 1.000 euro per la migliore comunicazione orale e due premi di 500 euro ciascuno per i migliori posters.

Si ringrazia *Pharmacologyonline* per la disponibilità a pubblicare gli Abstracts di questo Seminario. A tale proposito si sollecitano i Dottorandi a comunicare alla Segreteria il loro eventuale assenso alla pubblicazione.

LUNEDI 22 SETTEMBRE 2008

**SALETTA INGRESSO VILLA - SEGRETERIA CONVEGNO**

14.00 - 16.00 REGISTRAZIONE DEI PARTECIPANTI

**SALA VERANDA E SALA PALIO**

14.00 - 16.00 ALLESTIMENTO DEI POSTERS. SI RICORDA CHE LE DIMENSIONI DEI POSTERS SONO cm 120 X 80 (ALTEZZA X LARGHEZZA).

**SALA BRACCI**

15.00 - 15.20

SALUTO DELLE AUTORITÀ ACCADEMICHE  
SALUTO DEL PRESIDENTE DELLA SIF  
SALUTO DI FARMINDUSTRIA

15.20 - 15.30

Cerimonia di Premiazione: **Premio Alberico Benedicenti 2008**  
Vincitori ex aequo: Giuseppe Esposito - Maria Chiara Maiuri

15.30 - 16.30

Tavola rotonda su:  
**“I Dottorandi e le prospettive di Ricerca nel mondo extra-universitario”**  
Interventi di:  
V. De Cian , M. Scatigna, M. Renoldi  
Modera: G. De Crescenzo

**16.30 - 16.50**

**COFFEE BREAK**

**16.50 Inizio lavori**

**COMUNICAZIONI**

**MODERATORI**

**Salvatore Guarini, Sisto Luciani**

16.50 - 17.15

MAURO ANNAMARIA

ENDOTHELIAL DYSFUNCTION IN MICE WITH STREPTOZOTOCIN-INDUCED TYPE I DIABETES IS OPPOSED BY COMPENSATORY OVEREXPRESSION OF COX-2 IN THE VASCULATURE

17.15 - 17.40

MONTI MARTINA

SPECIFIC PKCD INHIBITOR PROTECTS VASCULAR ENDOTHELIAL CELLS FROM OXIDATIVE ASSOCIATED-INJURY

17.40 - 18.05

DI FRANCESCO LUIGIA

INDUCTION OF PROSTACYCLIN BY STEADY LAMINAR SHEAR STRESS SUPPRESSES TUMOR NECROSIS FACTOR- $\alpha$  BIOSYNTHESIS VIA HEME OXYGENASE-1 IN HUMAN ENDOTHELIAL CELLS

18.05 - 18.30

GABURRO STEFANO

ANXIETY, HRV, FEAR CONDITIONING ALTERATIONS IN FEAR AND AUTONOMIC RESPONSES IN HIGH ANXIETY MICE

18.30 - 18.55

FERRARA ANTONELLA

EFFECT OF DE-ALCOHOLATED RED WINE IN ISOLATED RAT HEART: PROTECTIVE ACTION IN MYOCARDIAL ISCHEMIA-REPERFUSION INJURY

18.55 - 19.20

CAPPETTA DONATO

CARDIAC PROGENITOR CELLS THERAPY IN A MODEL OF DOXORUBICIN-INDUCED DILATED CARDIOMYOPATHY

19.20 - 19.45	IACONO ANNA	PREGNANCY IMPROVES VASCULAR AND INFLAMMATORY PARAMETERS IN SPONTANEOUSLY HYPERTENSIVE RATS
19.45 - 20.10	MARGARITIS ANTONIOS	NO-DONORS, SULFHYDRYL AND DISULFIDE REAGENTS INFLUENCE ON PLATELET FUNCTIONALITY

**20.10**  
**CENA**

**21.30 - 22.30**  
Prof. Massimo di Rosa: **“L’infiammazione ed io”**

Introduzione: Prof. Carlo Patrono

**MARTEDI 23 SETTEMBRE 2008**

**SALA BRACCI**

**COMUNICAZIONI (20 MIN DI PRESENTAZIONE + 5 MIN DI DISCUSSIONE)**

**MODERATORI**

**Alberta Bergamo, Graziella De Montis,**

8.10 - 8.35	CERBAI FRANCESCA	EFFECT OF AGING ON MEMORY, MAPK AND GLIA ACTIVATION IN THE RAT
8.35 - 9.00	MAZZA ROBERTA	NEUROTENSIN SYSTEM MODULATION OF GLUTAMATERGIC SIGNALLING: RELEVANCE FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES
9.00 - 9.25	MERLICCO ADRIANA	NEUROPROTECTIVE EFFECTS OF GUANOSINE AGAINST AMYLOID-BETA PEPTIDE-INDUCED TOXICITY IN NEURONAL AND GLIAL CELLS
9.25 - 9.50	CIPPONE VALENTINA	TISSUE SELECTIVE ACTIVATING/BLOCKING ACTIONS OF 2H-1,4-BENZOXAZINE DERIVATIVES ON PANCREATIC AND SKELETAL MUSCLE KATP CHANNELS
9.50 - 10.15	COZZOLI ANNA	POSSIBLE INVOLVEMENT OF ANGIOTENSIN II IN MUSCULAR DYSTROPHY: MULTIDISCIPLINARY EVALUATION OF THE EFFECT OF A CHRONIC TREATMENT WITH ENALAPRIL IN DYSTROPHIC MDX MICE
10.15 - 10.40	GROSSI CRISTINA	CLIOQUINOL TREATMENT IMPROVES COGNITIVE DEFICITS AND REDUCES AB BURDEN AND NEUROINFLAMMATION IN TGCRND8 MICE.

**10.40 - 11.05**

**COFFEE BREAK**

**MODERATORI**

**Lucia Trevisi, Aldo Pinto**

11.05 - 11.30	VELARDI ENRICO	DISCOVERING THE ROLE OF NEW GILZ (GLUCOCORTICOID-INDUCED LEUCINE ZIPPER) ISOFORM (L-GILZ) ON CELL DEATH AND PROLIFERATION
11.30 - 11.55	DONATO VALERIO	GLUCOCORTICOID-INDUCED LEUCINE ZIPPER (GILZ) TAKES PART TO MUSCLE DEVELOPMENT
11.55 - 12.20	DE SIMONE MARIA LAURA	CORTICOTROPIN RELEASING HORMONE (CRH) INHIBITS CELL GROWTH OF HUMAN NEUROBLASTOMA AND MEDULLOBLASTOMA CELL LINES
12.20 - 12.45	RODOLICO GABRIELLA	INVESTIGATING INFLAMMATORY RESPONSE IN CARDIOVASCULAR PATHOLOGY
12.45 - 13.10	FIORAVANTI ANNA	METRONOMIC IRINOTECAN IN COLORECTAL CANCER
13.10 - 13.35	TERZUOLI ERIKA	HYDROXYTYROSOL: A NEW NATURAL ANTIANGIOGENIC COMPOUND?

**13.35 - 15.00**  
**PRANZO**

**MARTEDI 23 SETTEMBRE 2008**

**SALA VERANDA**

**POSTERS (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)**

**MODERATORI**

**Maria Carrara**

**Dottorandi: Caggia Federica, Epis Roberta**

8.40 - 8.55	DORE RICCARDO	TRANSGENERATIONAL EFFECT OF SOCIAL ISOLATION ON NEUROSTEROIDS AND SENSITIVITY TO STRESS
8.55 - 9.10	SCHIAVONE STEFANIA	SOCIAL ISOLATION ALTERS NOX EXPRESSION IN RAT CENTRAL NERVOUS SYSTEM
9.10 - 9.25	MIGLIARDI GAETANA	EFFECT OF SHORT- AND LONG-TERM TREATMENT WITH RISPERIDONE AND OLANZAPINE ON PROLACTIN LEVELS IN CHILDREN AND ADOLESCENTS WITH PSYCHIATRIC DISORDERS
9.25 - 9.40	VALENSISI CRISTINA	MICROARRAY ANALYSIS ON THE HIPPOCAMPUS OF A RAT MODEL OF DEPRESSION
9.40 - 9.55	GUIDALI CINZIA	MODULATION OF CANNABINOID SYSTEM IN COGNITIVE DEFICIT AND PSYCHOTIC-LIKE SYMPTOMS INDUCED BY PHENCYCLIDINE
9.55 - 10.10	FIorentINI ANNA	LITHIUM CLORIDE REDUCES AMYLOID BETA PEPTIDE LOAD AND AMELIORATES LEARNING AND MEMORY IN TGCRND8 MICE
10.10 - 10.25	GANGAROSSA GIUSEPPE	POSSIBLE INVOLVEMENT OF ALPHA-SYNUCLEIN IN THE PATHOGENESIS OF PARKINSON'S DISEASE
10.25 - 10.40	MAIOLI SILVIA	POSSIBLE INVOLVEMENT OF APOE4 GENOTYPE IN THE PATHOGENESIS OF ALZHEIMER'S DISEASE

**10.40 - 11.05**

**COFFEE BREAK**

**MODERATORI**

**Vincenzo Longo**

**Dottorandi: Linetti Anna, Luongo Livio**

11.05 - 11.20	FORTE GIOVANNI	CI-IB-MECA ENHANCES TRAIL-INDUCED APOPTOSIS IN ANAPLASTIC CANCER CELLS
11.20 - 11.35	MALINVERNO MATTEO	ADAM10 REGULATES DENDRITIC SPINE MORPHOLOGY AND GLUTAMATE RECEPTOR COMPOSITION THROUGH N-CADHERIN CLEAVAGE
11.35 - 11.50	VALNEGRI PAMELA	OLIGOPHRENIN-1 REGULATES SYNAPTIC ACTIVITY DEPENDENT SHUTTLING BETWEEN SYNAPSES AND NUCLEUS OF Rev-erbAALPHA
11.50 - 12.05	CAPOGROSSO ROBERTA	EFFECT OF CHRONIC TREATMENT WITH PENTOXIFYLLINE ON <i>IN VIVO</i> AND <i>EX VIVO</i> MARKERS OF DYSTROPHIC PROGRESSION IN MDX MOUSE MUSCLES

12.05 - 12.20	GRAMEGNA GIANLUCA	IDENTIFICATION OF AMINOACIDS INVOLVED IN ACTIVATION OF KIDNEY CLC-ka CHLORIDE CHANNEL
12.20 - 12.35	COSTANZA TERESA	EFFECTS OF RACEMIC LUBELUZOLE AND PURE ENANTIOMERS ON VOLTAGE-GATED HUMAN SKELETAL MUSCLE SODIUM CHANNELS
12.35 - 12.50	DIGENNARO CLAUDIO	EFFECT OF ANTIOXIDANT TREATMENT ON DISUSE-INDUCED SKELETAL MUSCLE ALTERATION IN THE HINDLIMB-UNLOADED MOUSE MODEL
12.50 - 13.05	MALORGIO FRANCESCA	DIABETES AFFECTS ADENOSINE METABOLISM BY RAT VASCULAR SMOOTH MUSCLE CELLS
13.05 - 13.20	PASINI MATTEO	ACUTE SWIM STRESS DIFFERENTLY MODULATES MOLECULAR DETERMINANTS OF GLUTAMATERGIC SYNAPSE IN RAT BRAIN
13.20 - 13.35	CATANIA MARIANTONIETTA	PROMOTING CONTINUING EDUCATION IN PHARMACOVIGILANCE: THE EXPERIENCE OF "PHARMASEARCH", A NETWORK OF GENERAL PRACTITIONERS REPORTING ADVERSE DRUG REACTIONS.

**13.35 - 14.50**  
**PRANZO**

**MARTEDI 23 SETTEMBRE 2008**

**SALA BRACCI**

**COMUNICAZIONI (20 MIN DI PRESENTAZIONE + 5 MIN DI DISCUSSIONE)**

**MODERATORI**

**Liberato Berrino, Paola Patrignani**

15.00 - 15.25	MESSINA ANDREA	PRESENCE AND REGULATION OF KNOWN AND NEW CYTOCHROME P450s IN VARIOUS TISSUES OF PIG, AS AN ANIMAL MODEL FOR HUMAN METABOLISM
15.25 - 15.50	PEGORARO PAOLA	DIFFERENTIAL EFFECT OF THE QUASI-IRREVERSIBLE CYP3A4 INHIBITOR ERYTHROMYCIN ON THE PHARMACOKINETIC PARAMETERS OF TOTAL AND UNBOUND QUININE IN HEALTHY SUBJECTS AND PATIENTS WITH CIRRHOSIS
15.50 - 16.15	MATEROZZI GIADA	PRECISION-CUT LIVER SLICES TO STUDY DRUG METABOLISM: CYTOCHROME P450-DEPENDENT METABOLISM OF <i>l</i> -DEPRENYL
16.15 - 16.40	BIASON PAOLA	IMPACT OF CYP2C9 AND CYP2B6 ISOFORMS TOXICITY AND RESPONSE TO CHEMOTHERAPY IN BREAST CANCER PATIENTS
16.40 - 17.05	TOSETTO JESSICA	MOLECULAR AND FUNCTIONAL ANALYSIS OF <i>DROSOPHILA</i> ATLASTIN GENE

**17.05 - 17.30**

**COFFE BREAK**

**MODERATORI**

**Raffaella Sorrentino, Giovanni Gervasi**

17.30 - 17.55	CRUCIL ILARIA	NOVEL HYALURONIC ACID BIOCONJUGATES IN PHARMACOLOGICAL TREATMENT OF CANCER
17.55 - 18.20	RICCIARDI SIMONA	SYNERGISTIC CYTOTOXICITY, INHIBITION OF SIGNAL TRANSDUCTION PATHWAYS AND MODULATION OF GENE EXPRESSION BY SORAFENIB AND GEMCITABINE IN HUMAN PANCREATIC CANCER CELLS
18.20 - 18.45	ALDERIGHI DANIELA	INTERACTIONS OF NOVEL MDR REVERTING AGENTS WITH RAT SMALL INTESTINE MEMBRANE VESICLES ATPase ACTIVITY
18.45 - 19.10	DI SOTTO ANTONELLA	ANTIMUTAGENICITY OF $\beta$ -CARYOPHYLLENE IN AMES TEST AND MICRONUCLEUS ASSAY ON CULTURED HUMAN LYMPHOCYTES
19.10 - 19.35	CVOROVIC JOVANA	ANTHOCYANIDINS MODULATE THE CYTOTOXICITY OF IRINOTECAN AND OXALIPLATIN IN HUMAN COLON ADENOCARCINOMA CELLS

**19.40**

**CENA**

**21.30 - 22.30**

Panel discussion: **“Fare ricerca, perché?”**

Interventi di: F. D'Aquisto, L. Saso, S. Cuzzocrea, N. Pons

Moderata: G. Sgaragli

MARTEDI 23 SETTEMBRE 2008

**SALA PALIO**

**POSTERS** (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)

**MODERATORI**

**Gianni Sava**

**Dottorandi: Cappetta Donato, Cerbai Francesca**

14.50 - 15.05	COLETTA CIRO	PHOSPHOLIPASE A <sub>2</sub> IS INVOLVED IN HYDROGEN SULPHIDE ACTIVITY: COMPARISON BETWEEN DIABETIC AND PHYSIOLOGICAL STATUS IN MESENTERIC BED
15.05 - 15.20	DI FRANCESCO ANDREA	PMA ALTERS PROSTACYCLIN/PGE <sub>2</sub> BALANCE THROUGH DOWNREGULATION OF PGI SYNTHASE IN HUMAN CORONARY ARTERY ENDOTHELIAL CELLS
15.20 - 15.35	BONAIUTO ANTONIO	HIGH MOBILITY GROUP BOX-1 EXPRESSION IN PATIENTS WITH CHEST TRAUMA: PRELIMINARY STUDY
15.35 - 15.50	ANZELLOTTI PAOLA	LOW-DOSE NAPROXEN INTERFERES WITH THE ANTIPLATELET EFFECT OF LOW-DOSE ASPIRIN IN HEALTHY SUBJECTS
15.50 - 16.05	ZOPPELLARO CHIARA	<i>HERPES SIMPLEX</i> VIRUS-1 INFECTION ALTERS RECEPTOR-DEPENDENT AND INDEPENDENT CONTRACTIONS IN RAT SMALL INTESTINE
16.05 - 16.20	ISAK ILENA	METABOLIC PRECURSORS FOR THE BIOSYNTHESIS OF SURFACTANT DISATURATED-PHOSPHATIDYLCHOLINE IN PRETERM INFANT WITH RESPIRATORY DISTRESS SYNTROME
16.20 - 16.35	BITTO ALESSANDRA	EFFECTS OF THE PHYTOESTROGEN GENISTEIN IN AN EXPERIMENTAL MODEL OF POSTMENOPAUSAL METABOLIC SYNDROME
16.35 - 16.50	ZOTTI MARGHERITA	EFFECTS OF CHRONIC EXPOSURE TO PHENCYCLIDINE: RELATIONSHIP BETWEEN SCHIZOPHRENIA AND METABOLIC DISTURBANCES
16.50 - 17.05	MITIDIERI EMMA	UROTENSIN II IS INVOLVED IN PENILE ERECTION

**17.05 - 17.30**

**COFFEE BREAK**

**SALA BRACCI**

**COMUNICAZIONI** (20 MIN DI PRESENTAZIONE + 5 MIN DI DISCUSSIONE)

**MODERATORI**

**Maria Pia Colleoni, Amelia Filippelli**

9.00 - 9.25	PARRAVICINI CHIARA	UNBINDING GPR17 LIGANDS FROM WILD TYPE AND R255I MUTANT RECEPTOR MODELS THROUGHOUT A COMPUTATIONAL APPROACH
9.25 - 9.50	CALZA ARIANNA	PERSISTENT DECREASE IN NEUROSTEROIDS LEVELS INDUCED BY NEONATAL ESTROGEN EXPOSURE IS ASSOCIATED TO CHANGES IN GABA <sub>A</sub> RECEPTOR SUBUNIT EXPRESSION AND SENSITIVITY TO ANXIOLYTIC DRUGS
9.50 - 10.15	SPAGNUOLO PAOLA	ENDOCANNABINOIDS MODULATE CXCR4-EVOKED TNFALPHA RELEASE AND GLUTAMATE EXOCYTOSIS FROM ASTROCYTES
10.15 - 10.40	ZANETTE CATERINA	NEUROPROTECTIVE AND DIFFERENTIATING EFFECT OF GUANOSINE IN HUMAN NEUROBLASTOMA SH-SY5Y CELLS

**10.45 - 11.00**

**COFFEE BREAK**

**MODERATORI**

**Susanna Genedani, Maurizio Sandrini**

11.00 - 11.25	BASSANI SILVIA	TM4SF2: A GENE INVOLVED IN NON SYNDROMIC X-LINKED MENTAL RETARDATION AND ITS ROLE IN SYNAPSE DEVELOPMENT
11.25 - 11.50	LINETTI ANNA	THE ROLE OF CHOLESTEROL IN SYNAPSE STABILITY AND ACTIVITY
11.50 - 12.15	LUONGO LIVIO	ROLE OF CANNABINOID SYSTEM IN THE MODULATION OF MICROGLIAL PLASTICITY IN NEUROPATHIC PAIN
12.15 - 12.40	MIGLIOZZI ANNALUCIA	TRPV1 CHANNELS CONTROL SYNAPTIC PLASTICITY IN THE DEVELOPING SUPERIOR <i>COLLICULUS</i>
12.40 - 13.05	CANNARSA ROSALIA	EFFECTS OF FENTANYL ON NOP AND MOP RECEPTOR GENE EXPRESSION IN SH-SY5Y CELLS
13.05 - 13.30	ZANI ALESSIA DILETTA	INVOLVEMENT OF $\kappa$ -OPIOID AND ENDOCANNABINOID SYSTEM ON SALVINORIN A – INDUCED REWARD

**13.30 - 14.35**

**PRANZO**

**SALA VERANDA**

**POSTERS** (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)

**MODERATORI**

**Rosa Maria Gaion**

**Dottorandi: Ghisu Narcisa, Cannarsa Rosalia**

8.15 - 8.30	OTERI ALESSANDRO	USE OF ANTIPILEPTIC DRUGS IN ELDERLY IN THE YEARS 2004-2007: A POPULATION BASED STUDY IN SOUTHERN ITALY
8.30 - 8.45	D'INCAU PAOLA	LIFESTYLES: STATE OF PSYCHO-PHYSICAL HEALTH OF WOMEN EPIDEMIOLOGICAL RESEARCH AS A PROJECT OF FIELDWORK TRAINING FOR PHARMACISTS
8.45 - 9.00	PICCINNI CARLO	USE OF DISEASE-MODIFYING DRUGS FOR MULTIPLE SCLEROSIS IN NEUROLOGICAL CENTRES OF EMILIA ROMAGNA
9.00 - 9.15	RASCHI EMANUEL	DRUG - INDUCED <i>TORSADES DE POINTES</i> : DATA MINING OF THE FDA ADVERSE EVENT REPORTING SYSTEM (AERS)
9.15 - 9.30	SALVO FRANCESCO	ANTIHYPERTENSIVE DRUGS USE IN ITALIAN GENERAL PRACTICE
9.30 - 9.45	TURRINI ELEONORA	GENETIC POLYMORPHISMS IN IMATINIB TRANSPORTERS AS DETERMINANTS OF THE PHARMACOLOGICAL RESPONSE
9.45 - 10.00	GORI MAILA	TOXICITY ASSESSMENT OF <i>FUSARIUM</i> TOXINS IN "PRECISE CUT SLICES" OF RAT LIVER AND INTESTINE
10.00 - 10.15	FRANCO GIULIA	RAT INTESTINAL PRECISION-CUT SLICES AS TOOL TO STUDY XENOBIOTIC INTERACTIONS WITH TRANSPORT PROTEINS
10.15 - 10.30	CAVINA CHIARA	DIFFERENT CHANGES OF N/OFQ-NOP GENE EXPRESSION AFTER CHRONIC COCAINE IN THE RAT BRAIN
10.30 - 10.45	BONAMASSA BARBARA	ENZYME-BASED ANTICANCER DIETARY MANIPULATIONS: FROM THE VARIED AND COLOURED "5 A DAY" TO THE SINGLE SERVING

**10.45 - 11.00**

**COFFEE BREAK**

**SALA BRACCI**

**COMUNICAZIONI (20 MIN DI PRESENTAZIONE + 5 MIN DI DISCUSSIONE)**

**MODERATORI**

**Pietro Giusti, Marina Ziche**

14.35 - 15.00	ORLOTTI DONATELLA	ROLE OF SPHINGOSINE-1-PHOSFATE PATHWAY IN AIRWAY INFLAMMATION AND HYPER-REACTIVITY
15.00 - 15.25	DONNIACUO MARIA	ROSIGLITAZONE INHIBITS THE INFLAMMATORY RESPONSE IN A MODEL OF VASCULAR INJURY IN RATS
15.25 - 15.50	CALLIGARO GIULIA	METABOLISM OF ADENINE NUCLEOTIDES AND NUCLEOSIDES <i>IN VITRO</i> BY RAT ILEUM
15.50 - 16.15	GHISU NARCISA	SEROTONIN TRANSPORTER 5HTTLPR POLYMORPHISM, CLINICAL VARIANTS AND SYMPTOM SEVERITY IN PATIENTS WITH IRRITABLE BOWEL SYNDROME
16.15 - 16.40	COMELLI FRANCESCA	THERAPEUTIC PERSPECTIVES OF CANNABINOIDS IN NEUROPATHIC PAIN
16.40 - 17.05	RUSSO MARIANGELA	NOCICEPTIN/ORPHANIN FQ-NOP RECEPTOR SYSTEM IN SENSITIZED MOUSE LUNG BRONCHOCONSTRICTION
17.05 - 17.30	SUFFREDINI SILVIA	NOVEL PHARMACOLOGICAL APPROACHES TO THE TREATMENT OF ISCHEMIC CARDIOMYOPATHY: FOCUS ON IVABRADINE

**17.05 - 17.30**

**COFFEE**

**BREAK**

**MODERATORI**

**Barbara Costa, Alessandro Tagliamonte**

17.30 - 17.55	CAGGIA FEDERICA	MICROARRAY ANALYSIS OF THE CHRONIC ESCAPE DEFICIT MODEL OF DEPRESSION: EFFECTS OF ESCITALOPRAM TREATMENT IN HIPPOCAMPUS
17.55 - 18.20	EPIS ROBERTA	MACROMOLECULAR COMPLEXES IN ALZHEIMER DISEASE PATHOGENESIS
18.20 - 18.45	RUGGIERI VALENTINA	POSSIBLE ROLE OF NOCICEPTIN /ORPHANIN FQ-NOP RECEPTOR SYSTEM IN THE MODULATION OF NOCICEPTION AND MOOD ALTERATIONS
18.45 - 19.10	CIGOGNINI DANIELA	ISOLATION AND PHENOTYPICAL CHARACTERIZATION OF HUMAN AMNIOTIC FLUID CELLS WITH POTENTIAL FOR THERAPY IN NEURODEGENERATIVE DISORDERS
19.10 - 19.35	CARONE CHIARA	INFLUENCE OF COCAINE ON A2A/D2 RECEPTORS AND LIPID-RAFT COMPOSITION IN CHO CELLS

19.35 - 20.00

LOCCHI FEDERICA

A POSSIBLE INVOLVEMENT OF CORTICAL  
GLUTAMATERGIC NEUROTRANSMISSION IN  
WORKING MEMORY PROCESSES

**20.00**  
**CENA**

MERCOLEDI 24 SETTEMBRE 2008

**SALA VERANDA**

**POSTERS** (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)

**MODERATORI**

**Monica Montagnani**

**Dottorandi: De Simone Maria Laura, Monti Martina**

14.35 - 14.50	BIANCO GIUSEPPE	TETRADECYLTHIOACETIC ACID INDUCES APOPTOSIS IN ANAPLASTIC THYROID CARCINOMA CELL LINE
14.50 - 15.05	ANCONA SILVIA	CHARACTERIZATION OF PRIMARY SMOOTH MUSCLE-LIKE CELLS FROM A <i>TSC2</i> RENAL ANGIOMYOLYPOMA. PROMOTER METHYLATION OF <i>TSC2</i> AS A NEW ONSET FOR THE PATHOGENESIS OF TUBEROUS SCLEROSIS LESIONS
15.05 - 15.20	CETTI ELISA	ENDOTHELIAL CELLS PROMOTES MATURATION OF CORTICAL NEURONS IN CO-CULTURE MODEL
15.20 - 15.35	GRIGOLETTO JESSICA	RECOMBINANT SONIC HEDGEHOG PRODUCED IN <i>E. COLI</i> WITH MODIFICATIONS THAT RESTRICT ITS BIOLOGICAL ACTIVITY
15.35 - 15.50	SOFFIA SILVIA	AGONISTS OF THE CANNABINOID RECEPTOR TYPE 1 (CB1) INDUCE A PROLIFERATIVE RESPONSE IN CEREBELLAR NEURAL PROGENITOR CELLS
15.50 - 16.05	STICOZZI CLAUDIA	ROLE OF NITRIC OXIDE/CA <sup>2+</sup> / ERK1/2 MITOGEN-ACTIVATED PROTEIN KINASE PATHWAY IN INFLAMMATION-INDUCED ASTROCYTE ACTIVATION
16.05 - 16.20	TRAMENTOZZI ELISA	IMMUNE COMPLEXES OF GLUCOSE-REGULATED PROTEIN94 (GRP94) WITH IgG ARE PRESENT IN THE PLASMA OF TYPE 1 DIABETIC SUBJECTS AND SHOW STRONG ANGIOGENIC-TRANSFORMING CAPACITY ON HUVECs
16.20 - 16.35	BIZZARRO VALENTINA	INVOLVEMENT OF ANNEXIN A1 IN MOUSE MYOBLAST CELL DIFFERENTIATION
16.35 - 16.50	CANU BASTIANINA	SYNERGISTIC ANTITUMOR AND ANTIANGIOGENIC ACTIVITY OF IRINOTECAN AND AXITINIB COMBINATION IN PANCREAS CANCER
16.50 - 17.05	SORATO ELISA	AN <i>IN VITRO</i> STUDY ON THE EXPRESSION AND ROLE OF UROTENSIN-II AND ITS RECEPTOR IN HUMAN VASCULAR ENDOTHELIAL CELLS

**17.05 - 17.30**

**COFFEE**

**BREAK**

GIOVEDÌ 25 SETTEMBRE 2008

**SALA VERANDA**

**POSTERS** (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)

**MODERATORI**

**Carla Gambarana**

**Dottorandi: Ferrara Antonella, Tosetto Jessica**

9.00 - 9.15	ESPOSITO EMANUELA	ROLE OF MITOGEN-ACTIVATED PROTEIN KINASE SIGNALLING PATHWAYS IN THE DEVELOPMENT OF SPINAL CORD INJURY
9.15 - 9.30	RATTAZZI LORENZA	PIOGLITAZONE PROTECTS NEURONAL CELLS AGAINST GLUCOSE DEPRIVATION BY STIMULATING MITOCHONDRIAL BIOGENESIS
9.30 - 9.45	TRAINI CHIARA	ANTAGONISM OF ADENOSINE A <sub>2A</sub> RECEPTORS DURING <i>IN VITRO</i> ISCHEMIA DELAYS ANOXIC DEPOLARIZATION AND AMELIORATES NEURONAL SURVIVAL IN THE RAT CA1 HIPPOCAMPUS
9.45 - 10.00	CAFFINO LUCIA	STRESS AND COCAINE INTERACT TO MODULATE BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF) EXPRESSION AND SIGNALLING IN RAT BRAIN
10.00 - 10.15	PENDIN DIANA	<i>IN VIVO</i> ANALYSIS OF MITOFUSIN FUNCTION
10.15 - 10.30	ZANARELLA ERICA	MOLECULAR AND FUNCTIONAL ANALYSIS OF <i>DROSOPHILA</i> EFHC1 GENE
10.30 - 10.45	CASTIGLIA SARA	ROLE OF GSK-3 $\beta$ IN THE PROTECTIVE EFFECT OF INSULIN AGAINST CEREBRAL ISCHEMIA/REPERFUSION INJURY
10.45 - 11.00	GIUNTA MARIALUISA	MENOPAUSAL TRANSITION: A POSSIBLE RISK FACTOR FOR NEURODEGENERATIVE EVENTS
11.00 - 11.15	SANTINI ROBERTA	SET UP OF A CO-CULTURE MODEL AS A TOOL FOR THE STUDY OF NEUROVASCULAR DISEASES
11.15 - 11.30	MORI ALESSANDRA	STUDY ON THE POTENTIAL ANTIDEPRESSANT ACTIVITY OF ZIPRASIDONE
<b>12.15 - 12.30</b>	<b>CONCLUSIONI E PREMIAZIONE</b>	

**12.30**

**PRANZO**

**SALA PALIO****POSTERS** (10 MIN DI PRESENTAZIONE ORALE + 5 MIN DI DISCUSSIONE)**MODERATORI****Lucia Morbidelli****Dottorandi: Crucil Ilaria, Ricciardi Simona**

8.45 - 9.00	NERI ANNALISA	INHIBITION BY NOVEL N,N-DICYCLOEXANE-4-OLAMINE ARYL ESTERS OF PGP-MEDIATED 123 RHODAMINE EFFLUX IN L5178Y MDR-1 TRANSFECTED MOUSE LYMPHOMA CELLS
9.00 - 9.15	MASI ALESSIA	CENTRAL ROLE OF THE CELL-ECM INTERACTIONS IN THE Ru(II)Cl <sub>2</sub> (η <sup>6</sup> -C <sub>7</sub> H <sub>8</sub> )(PTA) (RAPTA-T) MECHANISM OF ACTION
9.15 - 9.30	MOLTENI ROBERTA	THE THIOREDOXIN INHIBITOR PMX290 SENSITIZES HYPOXIC COLON CANCER CELLS TO 5-FLUOROURACIL: ROLE OF HIF-1 MODULATION
9.30 - 9.45	NASSI ALBERTO	DESIGN, SYNTHESIS AND INITIAL BIOLOGICAL EVALUATION OF A PEPTIDE CONJUGATE OF PACLITAXEL FOR MELANOMA THERAPY
9.45 - 10.00	CASARIN ELISABETTA	<i>IN VITRO</i> EVALUATION OF THE BIOLOGICAL PROPERTIES OF THE ESSENTIAL OIL OBTAINED FROM <i>PISTACIA LENTISCUS</i>
10.00 - 10.15	DELL'OVO VALERIA	EFFECTS OF THE PHYCOTOXIN YESSOTOXIN ON CULTURED RAT CARDIOMYOCYTES
10.15 - 10.30	VALSECCHI ANNAELISA	ANTIINFLAMMATORY, ANTIOXIDANT AND ESTROGEN RECEPTOR BETA-MEDIATED MECHANISMS IN PHYTOESTROGEN GENISTEIN-INDUCED PAIN RELIEF IN A MOUSE NEUROPATHY MODEL
10.30 - 10.45	CHIAROT EMILIANO	USING STREPTOLISIN O PROTEIN FRAGMENTS AS POSSIBLE VACCINE CANDIDATES AGAINST <i>STREPTOCOCCUS PYOGENES</i>
10.45 - 11.00	COPPINI RAFFAELE	CPVT-ASSOCIATED RYR2 MUTATION LEADS TO BASAL EC- COUPLING ALTERATIONS: INSIGHTS FROM A TRANSGENIC MOUSE MODEL
11.00 - 11.15	DEL LUNGO MARTINA	ELECTROPHYSIOLOGICAL EVALUATION OF NOVEL BLOCKERS OF I <sub>f</sub> CURRENT
11.15 - 11.30	FILAFERRO MONICA	INFLUENCE OF A CHRONIC TREATMENT WITH UFP-101, A POTENT NOP RECEPTOR ANTAGONIST ON BEHAVIOURAL AND CELLULAR EFFECTS AFTER EXPOSURE TO CHRONIC MILD STRESS IN THE RAT
11.30 - 11.45	GIUDICE STEFANIA	DNA DAMAGE IN UVB-IRRADIATED HUMAN KERATINOCYTES IS REDUCED BY THE MAIN CONSTITUENTS OF LIQUORICE ROOT
<b>12.15 - 12.30</b>	<b>CONCLUSIONI E PREMIAZIONE</b>	

**12.30**  
**PRANZO**