



**3° RIUNIONE SCIENTIFICA
Gruppo Italiano Scienze Neuroendocrine**

**Roma 23-24 Marzo 2009,
ISS Viale Regina Elena 299
Aula Bovet**

Comitato Promotore

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Roberta Possenti

Gemma Calamandrei

Programma

Lunedì 23-03-2009

13,00-13,45 Iscrizione, affissione di tutti i poster e PP delle comunicazioni orali

13,45-14,00 Apertura dei lavori

Comunicazioni Orali: Moderatori *Anna Spada e Roberto C.Melcangi*

14,00-14,15 Biamonte F. et al. INTERACTIONS BETWEEN NEUROACTIVE STEROIDS, AGE AND REELIN GENE DOSAGE REGULATE PURKINJE CELL SURVIVAL DURING DEVELOPMENT.

14,15-14,30 Giatti S. et al. Ro5-4864, A LIGAND OF TRANSLOCATOR PROTEIN-18kDa (TSPO), IS NEUROPROTECTIVE IN AN EXPERIMENTAL MODEL OF DIABETIC NEUROPATHY.

14,30-14,45 Deledda C. et al. NEUROTROPHIC EFFECTS OF EXENDIN-4 IN A NEURONAL CELL MODEL.

14,45-15,00 Bo' E. et al. NPY AND LEPTIN ARE TARGETS FOR TRIBUTYL TIN DURING DEVELOPMENT AND IN ADULTHOOD

15,00-15,15 Busnelli M. et al. IDENTIFICATION OF 'FUNCTIONAL SELECTIVE' OXYTOCIN/VASOPRESSIN COMPOUNDS USING A BRET TECHNIQUE

15,15-15,30 Scicchitano B. et al. MOLECULAR MECHANISMS REGULATING SKELETAL MUSCLE HOMEOSTASIS: EFFECTS OF V1a VASOPRESSIN RECEPTOR OVEREXPRESSION

15,30-15,45 Petrocchi P. et al. EFFECT OF VGF-DERIVED PEPTIDES, TLQP-21, ON HORMONE GENE EXPRESSION AND SECRETION IN GH3 CELL LINE

15,45-16,00 Mostallino M.C. et al. SYNAPTIC AND EXTRASYNAPTIC GABA RECEPTOR DURING PREGNANCY AND POST PARTUM

16,00-16,30 Caffè

16,30-17,30 Poster 1-8 Moderatori: *Roberta Possenti e Vittorio Locatelli*

Cella I. et al. ANTINEOPLASTIC EFFECTS OF SOMATOSTATIN ANALOGUES IN PRIMARY HUMAN PITUITARY ADENOMA CELL CULTURES.

Tringali G. et al. DIVERGING EFFECTS OF CORTISTATIN AND SOMATOSTATIN ON THE PRODUCTION AND RELEASE OF PROSTANOIDS FROM RAT CORTICAL MICROGLIA AND ASTROCYTES

Cantalupo E. et al. CORTICOTROPIN RELEASING FACTOR (CRF) INHIBITS CELL GROWTH OF HUMAN NEUROBLASTOMA AND MEDULLOBLASTOMA CELL LINES VIA THE ACTIVATION OF CRF- RECEPTOR TYPE 1 AND P18INK4C mRNA INCREASE.

D'Amato F. et al. THE NOVEL NEUROENDOCRINE PEPTIDES "NERP-1" AND "NERP-2": CHANGES IN ALTERED WATER BALANCE

Grassi D. et al. ESTRADIOL REGULATES VASOPRESSIN IMMUNOREACTIVITY IN THE SUPRAOPTIC AND PARAVENTRICULAR NUCLEI: ROLE OF ESTROGEN RECEPTORS IN PHYSIOLOGICAL AND SALT LOADED CONDITIONS.

Petrella C. et al. *IN VITRO* AND *IN VIVO* PHARMACOLOGICAL ROLE OF TLQP-21, A VGF-DERIVED PEPTIDE, IN THE REGULATION OF RAT MOTOR GASTRIC FUNCTIONS

Sornelli F. et al. NGF AND BDNF AS SIGNALLING MOLECULES IN THE ADIPOSE TISSUE OF STRESSED AND DIABETIC RODENTS

Petrella C. et al. ROLE OF THE CANNABINOID SYSTEM IN THE EXOCRINE PANCREAS

Martedì 24-03-2009

Comunicazioni Orali: Moderatori *Marcella Motta e Giancarlo Panzica*

9,00-9,15 Zoratto F. et al. DEVELOPMENT OF A MOUSE MODEL OF DEPRESSIVE DISORDERS COMBINING NEONATAL STRESS AND DIETARY L-TRYPTOPHAN DEPLETION

9,15-9,30 Campolongo P. et al. ENDOCANNABINOID IN THE RAT BASOLATERAL AMYGDALA ENHANCE MEMORY CONSOLIDATION AND ENABLE GLUCOCORTICOID MODULATION OF MEMORY

9,30-9,50 Calamandrei G. et al. BEHAVIOURAL AND NEUROENDOCRINE EFFECTS OF THE ORGANOPHOSPHOROUS INSECTICIDE CHLORPYRIFOS

9,50-10,10 Manni L. A ROLE FOR ACUPUNCTURE IN THE TREATMENT OF NEURO-ENDOCRINE DISEASES.

10,10-10,30 Parmigiani S. et al. PERSONALITY TRAITS AND ENDOCRINE RESPONSE AS POSSIBLE ASYMMETRY FACTORS OF AGONISTIC OUTCOME IN KARATE ATHLETES

10,30-11,00 Caffè

11,00-12,00 Lettura magistrale: Moderatori *Marcella Motta e Giancarlo Panzica*

Enrico Alleva. ANIMAL MODELS IN BEHAVIORAL NEUROENDOCRINOLOGY: STRENGTHS, LIMITS AND TRANSLATIONAL VALUE

12,00-13,30 Poster 9-22 Moderatori: *Gemma Calamandrei e Alessandro Peri*

Bresciani E. et al. DESACYL-GHRELIN AND SYNTHETIC GH-SECRETAGOGUES MODULATE THE PRODUCTION OF INFLAMMATORY CYTOKINES IN MOUSE MICROGLIA CELLS STIMULATED BY β -AMYLOID FIBRILS

Marolda R et al. SP PROTECTS CEREBELLAR GRANULE CELLS AGAINST β -AMYLOID-INDUCED APOPTOSIS

De Marinis E. et al. A NEW ACTION OF 17β -ESTRADIOL IN NEUROBLASTOMA CELLS: THE OVER- EXPRESSION OF NEUROGLOBIN, AN ENDOGENOUS NEUROPROTECTANT

Amadoro G. et al. ENDOGENOUS AB CAUSES CELL DEATH VIA EARLY TAU HYPERPHOSPHORYLATION

Tirassa P. et al. MODULATION OF HIPPOCAMPAL PLASTICITY BY INDUCING NGF AND BDNF SYNTHESIS VIA ELECTRICAL STIMULATION OF CERVICAL VAGUS NERVE

Pesaresi M. et al. DIABETES SIGNIFICANTLY DECREASES THE mRNA LEVELS OF 18.5

kDa AND 21.5 kDa ISOFORMS OF MYELIN BASIC PROTEIN PRESENT IN THE SPINAL CORD AND TESTOSTERONE OR DIHYDROPROGESTERONE TREATMENT COUNTERACTS THIS EFFECT

Manciocco A. et al. BEHAVIOURAL AND NEUROSTEROID BASED ANALYSIS TO MONITORING WELFARE STATE IN FARM PIGS RAISED IN AN ENRICHED ENVIRONMENT

Romano E. et al. HETEROZYGOUS REELER MICE EXHIBIT RESCUE OF BEHAVIOURAL PHENOTYPE FOLLOWING NEONATAL TREATMENT WITH ESTRADIOL

Panelli R. et al. AROMATASE BLOCKAGE IN PREPUBERTAL MALE RATS BY ANASTROZOLE: EFFECTS ON SOCIAL PLAY

Gioiosa L. et al. EFFECTS OF LOW DOSES OF BISFENOL-A AND ALFA-ETHINYLESTRADIOL ON PARENTAL AND REPRODUCTIVE BEHAVIOUR IN MALE AND FEMALE MICE

Miceli D. et al. PERINATAL EXPOSURE TO BISPENOL-A AFFECT SEXUAL BEHAVIOR IN ADULT MALE AND FEMALE MOUSE

D'andrea I. et al. COMMUNAL NESTING, AN EARLY SOCIAL ENRICHMENT, SHAPES SOCIAL BEHAVIOR AND COPING RESPONSE TO SOCIAL STRESS IN ADULT MOUSE

Macrì S. et al. NEONATAL MILD AND SEVERE STRESS RESPECTIVELY RELATE TO ADULT RESILIENCE AND VULNERABILITY IN MICE.

Berry A. et al. GREATER RESISTANCE TO OXIDATIVE STRESS AND TO STRESSFUL STIMULI IN THE P66SHC^{-/-} MOUSE, A MODEL OF DELAYED AND HEALTHY AGING

13,30-14,30 Pranzo

14,30-15,30 Assemblea GISNe e Chiusura lavori

<http://www.dafml.unito.it/gisne/index.html>