Gruppo di Lavoro SIF di Neuropsicofarmacologia

Convegno Monotematico SIF

MOOD DISORDERS: FROM NEUROBIOLOGY TO NOVEL THERAPEUTIC STRATEGIES

March, 20th- 21st, 2014

Accademia Nazionale di Scienze, Lettere e Arti di Modena
Corso Vittorio Emanuele, 59; MODENA

Organizers:
Prof. Marco A. Riva, Prof. Fabio Tascedda

PROGRAM

Thursday, March 20th , 2014

13:00-14:30	Welcome reception and Registration
14:30	Opening (Prof. **Luca Steardo**; Prof. **Marco Sola**; Prof. **Pier Luigi Canonico**)
14:45	Congress Presentation (Prof. **Fabio Tascedda**; Prof. **Marco A Riva**)
15:00-16:15	Oral Communications – Session #1 (chaired by Prof. **Renato Corradetti**; Dr. **Tiziana Rubino**)
16:15-16:30	Coffee Break
16:30-18:00	Poster Session (chaired by Dr. **Filippo Caraci**; Dr. **Lucia Carboni**)
18:00-19:00	Keynote Lecture: Prof. **Jeffrey Scott Burgdorf** (Northwestern University, Evanston; USA) **GLYX-13 is a NMDA receptor modulator with antidepressant properties** (chaired by Prof. **Giorgio Racagni**)
20:00	Social Dinner

Friday, March 21st, 2014

9:00-10:15	Oral Communications – Session #2 (chaired by Prof. **Maria Graziella De Montis**; Dr. **Silvia Alboni**)
10:15-11:15	Keynote Lecture: Prof. **Carmine M. Pariante** (Institute of Psychiatry, Kings College London; UK) **Depression and Inflammation: when the body is more relevant than the brain** (chaired by Prof. **Nicoletta Brunello**)
11:15-11:30	Coffee Break
11:30-12:45	Oral Communications – Session #3 (chaired by Prof. **Paola Fadda**; Dr. **Raffaella Molteni**)
12:45-13:00	Concluding Remarks (Prof. **Fabio Tascedda**; Prof. **Marco A Riva**)

SOCIETÀ ITALIANA FARMACOLOGIA

Scientific Committee: Prof. Marco A. Riva, Prof. Fabio Tascedda, Prof. Nicoletta Brunello, Prof. Edoardo Spina, Prof. Giorgio Racagni

Scientific Secretariat: Dr. Raffaella Molteni, Dr. Silvia Alboni

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ORAL COMMUNICATIONS

SESSION #1

Thursday, March 20th, 2014 – 15:00-16:15

Brain circuits and muscarinic receptor subtypes involved in the rapid antidepressant effects of scopolamine.
Andrea Navarria, B. Voleti, K. Ota, R. Duman, F. Drago (Catania)

Acetyl-L-carnitine: a novel non monoaminergic drug with proneurogenic and antidepressant activity.
Valeria Bortolotto, B. Cuccurazzu, M.M. Valente, F. Ubezio , A. Koverech, P.L. Canonico, M. Grilli (Novara)

Peroxisome proliferator-activated receptors alpha agonists possess antidepressant-like effect: behavioral characterization in rats.
Alessandra Mameli, M. Scherma , F. Cadeddu, R. Collu, L. Fattore, W. Fratta, P. Fadda (Cagliari)

Intravenous self-administration of the cannabinoid CB1 receptor agonist WIN55,212-2 is increased in a rat model of depression.
Valentina Giugliano, P. Amchova, J. Kucerova, M.T. Zanda, A. Sulkova , W. Fratta, P. Fadda, L. Fattore (Cagliari)

Chronic URB597 administration reverses most depressive-like behaviors induced by adolescent THC exposure: possible molecular underpinnings.
Erica Zamberletti, B. Cuccurazzu, C. Nazzaro, R. Tonini, M. Grilli, D. Parolaro, T. Rubino (Busto Arsizio)

SESSION #2

Friday, March 21st, 2014 – 9:00-10:15

Effects of chronic antidepressant treatments in two psychogenetically selected lines of rats that represent a genetic model of vulnerability and resistance to stress-induced depression.
Maria A. Piludu, O. Giorgi, M. G. Corda (Cagliari)

Neuroplastic alterations in rats exposed to prenatal stress: preventive effect of lurasidone treatment during adolescence.
Alessia Luoni, A. Berry, F. Calabrese, F. Cirulli, M.A. Riva (Milano)

Increased MIF and IL-1β mRNA blood levels and childhood trauma events as accurate predictors of treatment response in depressed patients.
Annamaria Cattaneo, R. Uher, L. Bocchio-Chiavetto , M.A. Riva, C.M. Pariante (London, UK)

A 7 day treatment with fluoxetine plus aspirin or escitalopram downregulates IL-6 hypothalamic expression in the chronic escape deficit model of depression.
Cristina Benatti, S. Alboni, C. Montanari, J.M.C. Blom, F. Tascedda, N. Brunello (Modena)

Acute stress increases the readily releasable pool of glutamate vesicles in cortical areas. Implications for stress-related disorders.
Laura Musazzi, G. Treccani, M. Milanese, C. Perego, N. Nava, T. Bonifacino, J. Lamanna, A. Malgaroli, G. Racagni, J.R. Nyengaard, G. Wegener, G. Bonanno, M. Popoli (Milano)

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ORAL COMMUNICATIONS

SESSION #3

Friday, March 21st, 2014– 11:30-12:45

Adolescent SNAP-25 heterozygous (SNAP-25+/–) mice show hyperactivity, cognitive deficits and epileptiform activity: Chronic valproate as therapeutic strategy.
Luisa Ponzoni, D. Braida, I. Corradini, M. Matteoli, M. Sala (Milano)

Developmental influence of the serotonin transporter on the expression of the neurotrophin BDNF in the rat brain.
Francesca Calabrese, G. Guidotti, A. Middelman, G. Racagni, J. Homberg, M.A. Riva (Milano)

Time-dependent effects of antidepressant treatments on miRNome expression profile in hippocampus of rats.
Mara Seguini, D. Tardito, A. Mallei, I. Merelli, D. Corrada, G. Racagni, M. Popoli (Milano)

Neuropeptide S and mania – a pharmacological study in mice.
Chiara Ruzza, L. Asth, E. Gavioli, C. Trapella, R. Guerrini, G. Calò (Ferrara)

Neuronal histamine is essential for selective serotonin reuptake inhibitors (SSRI) effects.
Gustavo Provensi, L. Munari, M.B. Passani, N. Galeotti, T. Cassano, F. Benetti, R. Corradetti, P. Blandina (Firenze)

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POSTERS

#1-ERK1/2 phosphorylation is involved in the antidepressant-like action of 2,5-diphenyl-3-(4-fluorophenylseleno)-selenophene in mice.
Maria Domenica Sanna, B. Mozzaquatro Gai, , A.L. Stein, Z. Gilson Zen, N. Galeotti, C.W. Nogueira (Firenze)

#2-Infant health and neurodevelopmental outcomes following antenatal exposure to duloxetine.
Chiara Lucarelli, A. Marini, C. Bellantuono (Ancona)

#3-Nociceptin–NOPr system alterations in mood/pain related brain areas.
Daniela Mercatelli; M. Palmisano, F.F. Caputi, P. Romualdi, S. Candeletti (Bologna)

#4-Chronic bupropion treatment regulates prodynorphin gene expression in rat brain regions.
Martina Palmisano, L. Carboni, F.F. Caputi, S. Candeletti, P. Romualdi (Bologna)

#5-Understanding epigenetic changes in CNS disorders: histone modification regulates LPS-induced inflammatory transcriptional response.
Giovanna Rigillo, M. Zoli, F. Tascedda, N. Brunello, J.M.C. Blom (Modena)

#6-Exposure to cocaine during adolescence determines depressive-like molecular alterations in rat prefrontal cortex.
Lucia Caffino, G. Giannotti, C. Malpighi, G. Racagni, M.A. Riva, F. Fumagalli (Milano)

#7-Role of 5-HTTLPR polymorphism in the development of the Inward / Outward personality organization: a genetic association study.
Alessandra Marini, C. Turchi, M. Giordani, E. Arimatea, A. Tagliabracci, B. Nardi (Ancona)

#8-NF-κB p50 subunit contribution to microglia-neural progenitor cells cross-talk: potential relevance in adult neurogenesis deregulation.
Suzana Cvijetic, V. Bortolotto, S. Lovecchio, P.L. Canonico, M. Grilli (Novara)

#9-Evaluation of the involvement of serotonin 5-HT1B and dopamine transmission in cannabinoid and methamphetamine self-administration in bulbectomized rats.
Mary Tresa Zanda, P. Amchova, J. Kucerova, V. Giugliano, A. Sulkova, M. Scherma, P. Fadda, W. Fratta, L. Fattore (Cagliari)

#10-Antidepressant-like effect of clofibrate: a synthetic ppar-α agonist.
Roberto Collu, M. Scherma, A. Mameli, L. Fattore, W. Fratta, P. Fadda (Cagliari)

#11- The activation of the immune/inflammatory system is associated with the stress-induced anhedonia in rats: effect of pharmacological intervention.
Andrea C. Rossetti, F. Macchi, G. Racagni, M. Papp, M.A. Riva, R. Molteni (Milano)

#12-Long-term lamotrigine treatment reverts an anhedonia-like condition in rats repeatedly exposed to unavoidable stress.
Teresa Pelliccia, M.G. De Montis, C. Gambarana, S. Scheggi (Siena)

#13-Early Life events and increased vulnerability for Major Depression: Role of the Serum Glucocorticoid Kinase-1.
Giona Plazzotta, A. Luoni, L. Bocchio-Chiavetto, R. Molteni, C.M. Pariante, M.A. Riva, A. Cattaneo (Milano)

#14- PPARγ modulates anxiety in mice.
Giulia Scuppa, E. Domi, M. Ubaldi, R. Ciccocioppo (Camerino)

#15- Ascorbate counteracts neurotoxic effect induced by 3-hydroxykynurenine in an in vitro model of human neurons.
Stefania Benatti, S. Alboni, C. Benatti, G. Cannazza, N. Brunello, F. Tascedda (Modena)

#16- Metabolic changes induced by interferon-α exposure in an in vitro model of human neurons.
Valeria Righi, L. Schenetti, F. Tascedda, N. Brunello, C.M. Pariante, S.Alboni (Rimini)

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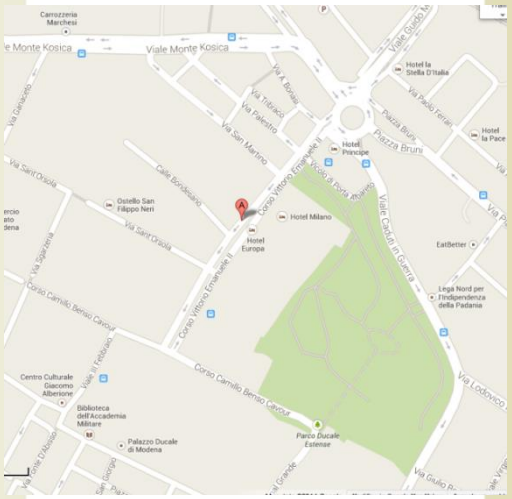
CONGRESS VENUE AND MAP



REGISTRATION

the form for registration can be downloaded at the following link:
http://www.sifweb.org/eventi/eventi_sif.php

ACCOMODATION

Provided free of charge for registered attendee who will be SIF members and less that 38-years old.

Partner Hotels:

Hotel Libertà
http://www.hotelliberta.it/
Hotel Real Fini
http://www.hotelviaemilia.it/
Hotel Europa
http://www.hoteleuropa.it/

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