

Le pubblicazioni dell' IRCCS Fondazione San Camillo ,dell'anno 2010 sono elencate di seguito:

- **On the role of P2X(7) receptors in dopamine nerve cell degeneration in a rat model of Parkinson's disease: studies with the P2X(7) receptor antagonist A-438079.**

Marcellino D, Suárez-Boomgaard D, Sánchez-Reina MD, Aguirre JA, Yoshitake T, Yoshitake S, Hagman B, Kehr J, **Agnati LF**, Fuxe K, Rivera A.

J Neural Transm. 2010 Jun;117(6):681-7. Epub 2010 Apr 13.

I.F.N. 2

- **Nanomolar concentrations of cocaine enhance D2-like agonist-induced inhibition of the K⁺-evoked 3H-dopamine efflux from rat striatal**

Ferraro L, Beggiato S, Marcellino D, Frankowska M, Filip M, Agnati LF, Antonelli T, Tomasini MC, Tanganelli S, Fuxe K.

J Neural Transm 2010;117(5):593-7.

I.F.N. 2

- **Understanding wiring and volume transmission.**

Agnati LF, Guidolin D, Guescini M, Genedani S, Fuxe K.

Brain Res Rev,2010

I.F.N. 6

- **Adenosine-Dopamine Interactions in the Pathophysiology and Treatment of CNS Disorders.**

Fuxe K, Marcellino D, Borroto-Escuela DO, Guescini M, Fernández-Dueñas V, Tanganelli S, Rivera A, Ciruela F, **Agnati LF**.

CNS Neurosci Ther, 2010

I.F.N 6

- **Cocaine produces D2R-mediated conformational changes indopamine D2R heteromer.**

Marcellino D, Navarro G, Sahlholm K, Nilsson J, **Agnati LF**, Canela EI, Lluís C, Rhem P, Franco R, Fuxe K.

Biochem Biophys Res Com 2010, 394(4):988-92.

I.F.N. 2

• **A serine point mutation in the adenosine A2AR C-terminal tail reduces receptor heteromerization and allosteric modulation of the dopamine D2R.**

Borroto-Escuela DO, Marcellino D, Narvaez M, Flajolet M, Heintz N, **Agnati L**, Ciruela F, Fuxe K.

Biochem Biophys Res Com 2010;394(1):222-7.

I.F.N. 2

• **Galanin receptor-1 modulates 5-hydroxytryptamine-1A signaling via heterodimerization.**

Borroto-Escuela DO, Narvaez M, Marcellino D, Parrado C, Narvaez JA, Tarakanov AO, **Agnati LF**, Díaz-Cabiale Z, Fuxe K.

Biochem Biophys Res Com 2010;393(4):767-72.

I.F.N. 2

• **Differential Sensitivity of A(2A) and Especially D (2) Receptor Trafficking to Cocaine Compared with Lipid Rafts in Cotransfected CHO Cell.**

Genedani S, Carone C, Guidolin D, Filaferrero M, Marcellino D, Fuxe K, **Agnati LF**.

J Mol Neurosci, 2010

I.F.N. 2

• **Molecular integration via allosteric interactions in receptor heteromers A working hypothesis.**

Fuxe K, Marcellino D, Leo G, **Agnati LF**.

Curr Opin Pharmacol, 2010;10(1):14-22

I.F.N. 6

• **beta-Amyloid fibrillation and/or hyperhomocysteinemia modify striatal patterns of hyaluronic acid and dermatan sulfate: Possible role in the pathogenesis of Alzheimer's disease.**

Genedani S, **Agnati LF**, Leo G, Buzzega D, Maccari F, Carone C, Andreoli N, Filaferrero M, Volpi N.

Curr Alzheimer Res, 2010;7(2):150-7.

I.F.N. 6

- **Receptor-receptor interactions: A novel concept in brain integration**
Agnati LF, Guidolin D, Leo G, Carone C, Genedani S, Fuxe K.

Prog Neurobiol, 2010;90(2):157-75.

I.F.N. 8

- **Astrocytes and Glioblastoma cells release exosomes carrying mtDNA.**
Guescini M, Genedani S, Stocchi V, **Agnati LF**

J Neural Transm, 2010;117(1):1-4.

I.F.N. 4

- **Reduced dopamine transporter density in the ventral striatum of patients with Parkinson's disease and pathological gambling**
Cilia R, Ko JH, Cho SS, van Eimeren T, Marotta G, Pellicchia G, Pezzoli G, **Antonini A**,
Strafella AP.

Neurobiol Dis, 2010

I.F.N. 3

- **Oral and infusion levodopa-based strategies for managing motor complications in patients with Parkinson's disease.**

Antonini A, Chaudhuri KR, Martinez-Martin P, Odin P.

CNS Drugs, 2010;24(2):119-29.

I.F.N. 6

- **Imaging for early differential diagnosis of parkinsonism.**
Antonini A.

Lancet Neurol, 2010;9(2):130-1.

I.F.N. 10

• **C2C12 myoblasts release micro-vesicles containing mtDNA and proteins involved in signal transduction.**

Guescini M, Guidolin D, Vallorani L, Casadei L, Gioacchini AM, Tibollo P, Battistelli M, Falcieri E, **Battistin L**, Agnati LF, Stocchi V.

Exp Cell Res., 2010

I.F.N. 6

• **Metabolic syndrome and the risk of vascular dementia: the Italian Longitudinal Study on Ageing.**

Solfrizzi V, Scafato E, Capurso C, D'Introno A, Colacicco AM, Frisardi V, Vendemiale G, Baldereschi M, Crepaldi G, Di Carlo A, Galluzzo L, Gandin C, Inzitari D, Maggi S, Capurso A, Panza F; Italian Longitudinal Study on Ageing Working Group.

J Neurol Neurosurg Psychiatry, 2010;81(4):433-40.

I.F.N. 3

• **Alcohol consumption and metabolic syndrome in the elderly: results from the Italian longitudinal study on aging.**

Buja A, Scafato E, Sergi G, Maggi S, Suhad MA, Rausa G, Coin A, Baldi I, Manzato E, Galluzzo L, Enzi G, Perissinotto E; ILSA Working Group.

Eur J Clin Nutr, 2010;64(3):297-307.

I.F.N. 2

• **Anti-ganglioside autoantibodies in type 1 diabetes.**

Lucchetta M, Rudilosso S, Costa S, Bruttomesso D, Ruggero S, Toffanin E, Faggian D, Plebani M, **Battistin L**, Alaedini A, Briani C.

Muscle Nerve, 2010;41(1):50-3.

I.F.N. 2

• **Effective functional mapping of fMRI data with support-vector machines.**

Lee S, Halder S, Kübler A, **Birbaumer N**, Sitaram R.

Hum Brain Mapp, 2010

I.F.N. 3

• **An auditory oddball brain-computer interface for binary choices.**

Halder S, Rea M, Andreoni R, Nijboer F, Hammer EM, Kleih SC, **Birbaumer N**, Kübler A.

Clin Neurophysiol, 2010;121(4):516-23.

I.F.N. 2

• **Aberrant social and cerebral responding in a competitive reaction time paradigm in criminal psychopaths.**

Veit R, Lotze M, Sewing S, Missenhardt H, Gaber T, **Birbaumer N**.

Neuroimage, 2010;49(4):3365-72.

I.F.N. 6

• **Real-time fMRI feedback training may improve chronic tinnitus.**

Haller S, **Birbaumer N**, Veit R.

Eur Radiol, 2010;20(3):696-703.

I.F.N. 6

• **The brain of opera singers: experience-dependent changes in functional activation.**

Kleber B, Veit R, **Birbaumer N**, Gruzelier J, Lotze M.

Cereb Cortex, 2010;20(5):1144-52.

I.F.N. 3

• **The truth about lying: inhibition of the anterior prefrontal cortex improves deceptive Behaviour.**

Karim AA, Schneider M, Lotze M, Veit R, Sauseng P, Braun C, **Birbaumer N**.

Cereb Cortex, 2010;20(1):205-13.

I.F.N. 6

• **The discovery of central monoamine neurons gave volume transmission to the wired brain.**

Fuxe K, Dahlström AB, Jonsson G, Marcellino D, Guescini M, **Dam M**, Manger P, Agnati L.

Prog Neurobiol, 2010;90(2):82-100.

I.F.N. 8

• **Transcriptional Profiling in the Lumbar Spinal Cord of a Mouse Model of Amyotrophic Lateral Sclerosis: A Role for Wild-Type Superoxide.**

D'Arrigo A, Colavito D, Peña-Altamira E, Fabris M, **Dam M**, Contestabile A, Leon A.

J Mol Neurosci, 2010

I.F.N. 2

• **Transcriptional Profiling in the Lumbar Spinal Cord of a Mouse Model of Amyotrophic Lateral Sclerosis: A Role for Wild-Type Superoxide Dismutase 1.**

D'Arrigo A, Colavito D, Peña-Altamira E, Fabris M, **Dam M**, Contestabile A, Leon A.

J Mol Neurosci, 2010

I.F.N. 2

• **Three-dimensional motion analysis of the effects of auditory cueing on gait pattern in patients with Parkinson's disease: a preliminary.**

Picelli A, Camin M, Tinazzi M, Vangelista A, Cosentino A, **Fiaschi A**, Smania N.

Neurol Sci, 2010

I.F.N. 1

• **Changes in cerebral activity after decreased upper-limb hypertonus: an EMG-fMRI study.**
Manganotti P, Acler M, Formaggio E, Avesani M, Milanese F, Baraldo A, Storti SF, Gasparini A, Cerini R, Mucelli RP, **Fiaschi A**.

Magn Reson Imaging, 2010

I.F.N. 4

• **Wavelet analysis as a tool for investigating movement-related cortical oscillations in EEG-fMRI coregistration.**

Storti SF, Formaggio E, Beltramello A, **Fiaschi A**, **Manganotti P**.

Brain Topogr, 2010;23(1):46-57.

I.F.N. 1

- **The role of the prefrontal cortex in familiarity and recollection processes during verbal and non-verbal recognition memory: An RTMS study.**

Turriziani P, Smirni D, Oliveri M, Semenza C, Cipolotti L.

Neuroimage, 2010

I.F.N. 3

- **Motor learning principles for rehabilitation: a pilot randomized controlled study in poststroke patients.**

Piron L, Turolla A, Agostini M, Zucconi CS, Ventura L, Tonin P, Dam M.

Neurorehabilitation and Neural Repair, 2010

I.F.N. 6

TOTALE I.F.N. 133