

**-Curriculum Vitae-**  
**February 2013**  
**Dr. Roberto Cavallaro, MD**

**Date of Birth:** February, 7, 1962

**Place of Birth:** Milan, Italy

**Citizenship:** Italian

**Marital Status:** Married

**Education:** Graduated in Medicine and Surgery, University of Milan Medical School on April 1987: marks: 110/110 with Honors

Specialization in Clinical Psychiatry University of Milan Medical School on June 1991: marks: 70/70 with Honors

**Fellowships:** Fellow in Clinical Psychiatry, University of Milan School of Medicine

**Awards:** 1988: Award ‘Excellence in Psychiatry’, Italian Society of Psychiatry

1988: Fellowship Award for research in clinical psychopharmacology  
Ospedale Maggiore Policlinico, IRCCS, Milan, Sept. 1988- Sept. 1989

**Major Research Interests:** Clinical pharmacology, pharmacokinetics and side effects of psychotropic drugs

Neuropsychiatry

Clinical, epidemiological, genetic and treatment aspects of antipsychotic drugs side effects

Schizophrenia and related psychosis treatment and management

Pharmacogenetics

Comorbidity of psychiatric disorders and their treatment

Clinical and molecular neuropsychology of schizophrenia

Brain Imaging and neurophysiology of schizophrenia

**Main Clinical and Hospital service responsibilities:**

- 1988-1989: Clinical researcher, Ospedale Maggiore Policlinico, IRCCS, Milan.
- 1990-1996: Registrar, Department of Neuropsychiatric Sciences, San Raffaele Hospital IRCCS, Milan.
- 1996-2001: Senior Registrar Department of Neuropsychiatric Sciences, San Raffaele Hospital IRCCS
- 2001-2010: Schizophrenia research and clinical unit coordinator Department of Clinical Neurosciences, San Raffaele University Scientific Institute, Milan
- 2011: Director, strategic program on psychotic disorders, and Head of the Psychotic Disorders Clinical Unit, Department of Clinical Neurosciences, San Raffaele University Scientific Institute, Milan

**Teaching Appointments:**

- 1998: Assistant Professor of Clinical Psychopathology of the School of Specialization in Psychiatry, University of Milan School of Medicine.
- 2001-2002: Assistant Professor of Psychobiology, Vita Salute San Raffaele University of Milan - School of Psychology.
- 2003-2005: Professor of Psychiatry , Vita Salute San Raffaele University of Milan - School of Medicine (Temporary position)
- 2005-2006: : Professor of Psychiatry, Vita Salute San Raffaele University of Milan - School of Psychology (Temporary position)
- 2002-2003 and 2006-2007 to 2009-2010: Professor of General Psychopathology, Vita Salute San Raffaele University of Milan - School of Psychology (Temporary position)
- 2008-2009 to 2011-2012. Professor of Cognitive Psychopharmacology Vita Salute San Raffaele University of Milan - School of Psychology (Temporary position)

2002-2012: Member of the Founding Commission of the Master in Clinical Psychopharmacology of the Vita Salute San Raffaele University of Milan - School of Medicine

2002-2012: Coordinator and teacher of the Master in Clinical Psychopharmacology of the Vita Salute San Raffaele University of Milan - School of Medicine

### **Membership of International Scientific Societies**

Member of the European College of Neuropsychopharmacology (ECNP)

### **Scientific organization of congresses**

Organizer and co-chair with Philip D Harvey of the biannual Cognition meeting in Schizophrenia, a satellite meeting of the Schizophrenia International Research Society held in Venice in June 2008, in Florence in April 2010 and April 2012.

Member of the Scientific Program Committee of the 25<sup>th</sup> ECNP Congress, Vienna 2012

### **Referee for the following Journals and Institutions**

Neuropsychologia, Psychological Medicine, Biological Psychiatry, Schizophrenia Research, American Journal of Psychiatric Genetics, Psychiatry Research, European Psychiatry, BMC Psychiatry, Brain Research, Cortex, Behavioural Neurology, Neurological Sciences, European Neuropsychopharmacology, Neuropsychobiology, Neuroscience Letters.

European Research Council

## **List of international, peer reviewed publications with IF**

Altamura AC, Mauri MC, Cavallaro R, A.Gorni. Haloperidol metabolism and antipsychotic effect in schizophrenia. *The Lancet*, I, 814, 1987.

Altamura AC, Mauri M, Cavallaro R, Colacurcio F, Gorni A, Bareggi S. Reduced haloperidol/haloperidol ratio and clinical outcome in schizophrenia: preliminary evidences. *Progress in Neuropsychopharmacology and Biological Psychiatry*, 12:5, pp. 689-694, 1988.

Altamura AC, Cavallaro R, Regazzetti MG. Prevalence and risk factors for tardive dyskinesia: a study in an Italian population of chronic schizophrenics. *European Archives of Psychiatry and Neurological Sciences*. 240, 9-12 1990 .

Bareggi SR, Cavallaro R, Regazzetti MG, Mauri MC, Altamura AC. Factors influencing clinical response to haloperidol treatment in schizophrenia. *Clinical Neuropharmacology*, vol 13, Suppl. 1, pp 29-34, 1990.

Bareggi SR, Cavallaro R, Pirola R, Altamura AC. Pharmacokinetics and adverse effects of single doses of dothiepin in young and elderly subjects. *Progress in Neuropsychopharmacology and Biological Psychiatry* 14:163-170, 1990.

Cavallaro R, Smeraldi E. A rare presentation of tardive dyskinesia *American Journal of Psychiatry* 149, 8, 1115, 1992

Cavallaro R, Regazzetti MG, Mundo E, Brancato V, Smeraldi E.. Tardive dyskinesia outcomes: Clinical and Pharmacological Correlates of Remission and Persistence. *Neuropsychopharmacology*, 1993 8:3:233-239.

Cavallaro R, Regazzetti MG, Covelli GP, Smeraldi E.. Tolerance and withdrawal with zolpidem. *The Lancet* 1993 342:374-375.

Gambini O., Colombo C, Cavallaro R., Scarone S.. Smooth pursuit eye Movements and saccadic eye movements in patients with delusional disorder.. *Am J Psychiatry* (1993) 150:9:1411-1414.

Cavallaro R, Smeraldi E. Recognition, Avoidance and the Management of Antipsychotic-Induced Tardive Dyskinesia. CNS Drugs 1995, 4,4:278-293.

Cavallaro R, Colombo C, Smeraldi E. A pilot, open study of the treatment of refractory schizophrenia with risperidone and clozapine. Human Psychopharmacol Clin Exper, 1995; 10,231-234.

Cavallaro R, Brambilla P, Smeraldi E. The sequential treatment approach to resistant schizophrenia with risperidone and clozapine: results of an open study with follow-up. Hum. Psychopharmacol Clin Exp, 1998, 13: 91-97.

Benedetti F, Cavallaro R, Smeraldi E. Olanzapine induced neutropenia after clozapine induced neutropenia The Lancet 1999, 354: 567

Cavallaro R, Mistretta P, Cocchi F, Manzato M, Smeraldi E. Differential efficacy of risperidone versus haloperidol in psychopathological subtypes of subchronic schizophrenia. Hum Psychopharmacol Clin Exp 2001, Vol 16, Iss 6, pp 439-42

Cavallaro R, Galardi G, Cavallini MC, Henin M, Amodio S, Bellodi L, Comi G. Obsessive compulsive disorder among idiopathic focal dystonia patients: An epidemiological and family study. Biol Psychiatry 2002, Vol 52, Iss 4, pp 356-361

Lerer B, Segman RH, Fangerau H, Daly AK; Basile VS, Cavallaro R, Aschauer HN, McCreadie RG, Ohlraun S, Ferrier N, Masellis M, Verga M, Scharfetter J, Rietschel M, Lovlie R, Levy UH, Meltzer HY, Kennedy JL, Steen VM, Maciardi F. Pharmacogenetics of tardive dyskinesia: Combined analysis of 780 patients supports association with dopamine D3 receptor gene Ser9Gly polymorphism. Neuropsychopharmacology 2002, Vol 27, Iss 1, pp 105-119

Cavallaro R, Cavedini P, Mistretta P, Bassi T, Angelone SM, Ubbiali A, Bellodi L. Basal Corticofrontal Circuits in Schizophrenia and Obsessive-Compulsive Disorder: A Controlled Double Dissociation Study . Biological Psychiatry 2003; 54:437-443

Cavallaro R, Cocchi F, Angelone SM, Lattuada E, Smeraldi E. Cabergoline treatment of risperidone induced hyperprolactinaemia: a pilot study Journal of Clinical Psychiatry, 2004

Bareggi SR, Bianchi L, Cavallaro R, Gervasoni M, Siliprandi F, Bellodi L. Citalopram concentrations and response in obsessive-compulsive disorder: preliminary results. CNS Drugs 2004;18(5):329-35.

Moresco RM, Cavallaro R, Messa C, Bravi D, Gobbo C, Galli L, Lucignani G, Colombo C, Rizzo G , Velonà I, Smeraldi E, Fazio F. Cerebral D<sub>2</sub> and 5HT<sub>2</sub> Receptor Occupancy in Schizophrenic Patients Treated with Olanzapine or Clozapine. Journal of Psychopharmacology, 2004, 18,3: 355-365

Pieroni M, Cavallaro R, Chimenti C, Smeraldi E, Frustaci A. Clozapine induced hypersensitivity Myocarditis. Chest, 2004, 126, 5:1703-5.

Lattuada E, Cavallaro R, Benedetti F, Cocchi F, Lorenzi C and Smeraldi E. Genetic dissection of drug side effects in clinical pratice: CLOCK gene and clozapine-induced diurnal sleepiness. Neuroscience Letters,2004, 2; 367 (2):152-5.

Cavallaro R, Cocchi F, Angelone SM, Lattuada E, Smeraldi E: Reply to: Cardiopulmonary complications of Ergot-Derivative Agonists, Journal of Clinical Psychiatry, 2004, 65 (10): 1430.

Lattuada E, Cavallaro R, Serretti A, Lorenzi C, Smeraldi E. Tardive Dyskinesia and DRD2, DRD3, DRD4, 5HT2a variants in schizophrenia in a double-test study International Journal of Neuropsychopharmacology, 2004, Sep, 20:1-5.

Lerer B, Segman RH, Tan E, Basile VS, Cavallaro R, Aschauer HN, Strous R, Chong SA, Heresco-Levy U, Verga M, Scharfetter J, Meltzer HY, Kennedy JL, Macciardi F. Combined analysis of 635 patients confirms an age-related association of the serotonin 2A receptor gene with tardive

dyskinesia and specificity for the non-orofacial subtype. International Journal of Neuropsychopharmacology, 2005 , 8(3):411-25.

van Os J, Burns T, Cavallaro R, Leucht S, Peuskens J, Helldin L, Bernardo M, Arango C, Fleischhacker W, Lachaux B, Kane JM . Standardised remission criteria in schizophrenia Acta Psychiatrica Scandinavica, 2006 113(2):91-5.

Rossi A, Daneluzzo E, Tomassini A, Struglia F, Cavallaro R, Smeraldi E, Stratta P. The effect of verbalization strategy on Wisconsin Card Sorting Test performance in schizophrenic patients receiving classical or atypical antipsychotics. BMC Psychiatry. 2006 Jan 26;6:3.

Anselmetti S, Cavallaro R, Bechi M, Angelone SM, Ermoli E, Cocchi F, Smeraldi E Psychopathological and neuropsychological correlates of source monitoring impairment in schizophrenia. Psychiatry Research 2007, 150(1): 51-59.

Bosia M, Bechi M, Marino E, Anselmetti S, Poletti S, Cocchi F, Smeraldi E, CavallaroR. Influence of Catechol-O-Methyltrasferase Val<sup>158</sup>Met polymorphism on neuropsychological and functional outcomes of classical rehabilitation and cognitive remediation in schizophrenia . Neuroscience Letters 2007 417 (3) 271-247

Spina E, Cavallaro R. The safety of paliperidone extended-release in the treatment of schizophrenia Expert Opinion on Drug Safety 2007 6(6):651-62.

Anselmetti S, Poletti S, Ermoli E, Bechi M, Cappa S, Venneri A, Smeraldi E, Cavallaro R. The Brief Assessment of Cognition in Schizophrenia. Normative data for the Italian population. Neurol Sci. 2008 Apr;29(2):85-92

Harvey PD, Cavallaro R. Meeting report: The Emory University-San Rafaelle cognition satellite meeting. Schizophr Res. 2009, 113(2-3):347-50.

Anselmetti S, Bechi M, Bosia M, Quarticelli C, Ermoli E, Smeraldi E, Cavallaro R. 'Theory' of mind impairment in patients affected by schizophrenia and in their parents. *Schizophr Res.* 2009 Dec;115(2-3):278-85.

Cavallaro R, Anselmetti S, Poletti S, Bechi M, Ermoli E, Cocchi F, Stratta P, Vita A, Rossi A, Smeraldi E. Computer-aided neurocognitive remediation as an enhancing strategy for schizophrenia rehabilitation. *Psychiatry Res.* 2009 Oct 30;169(3):191-6.

Benedetti F, Bernasconi A, Bosia M, Cavallaro R, Dallaspezia S, Falini A, Poletti S, Radaelli D, Riccaboni R, Scotti G, Smeraldi E. Functional and structural brain correlates of theory of mind and empathy deficits in schizophrenia. *Schizophr Res.* 2009 Oct;114(1-3):154-60.

Benedetti F, Poletti S, Radaelli D, Bernasconi A, Cavallaro R, Falini A, Lorenzi C, Pirovano A, Dallaspezia S, Locatelli C, Scotti G, Smeraldi E. Temporal lobe grey matter volume in schizophrenia is associated with a genetic polymorphism influencing glycogen synthase kinase 3-beta activity. *Genes Brain Behav.* 2010 Jun 1;9(4):365-71

Schettino A, Lauro LR, Crippa F, Anselmetti S, Cavallaro R, Papagno C. The comprehension of idiomatic expressions in schizophrenic patients. *Neuropsychologia.* 2010 Mar;48(4):1032-40.

Bosia M, Anselmetti S, Pirovano A, Ermoli E, Marino E, Bramanti P, Smeraldi E, Cavallaro R. HTLPR functional polymorphism in schizophrenia: executive functions vs. sustained attention dissociation. *Prog Neuropsychopharmacol Biol Psychiatry.* 2010 Feb 1;34(1):81-5.

Benedetti F, Radaelli D, Poletti S, Falini A, Cavallaro R, Dallaspezia S, Riccaboni R, Scotti G, Smeraldi E. Emotional reactivity in chronic schizophrenia: structural and functional brain correlates and the influence of adverse childhood experiences. 2011 *Psychol Med.*, 41 (3), pp. 509-519

Chaudhry, I.B., Jordan, J., Cousin, F.-R., Cavallaro, R., Mostaza, J.M. Management of physical health in patients with schizophrenia: International insights. 2010 *European Psychiatry*, 25 (SUPPL. 2), pp. s37-s40

Poletti, S., Anselmetti, S., Bechi, M., Ermoli, E., Bosia, M., Smeraldi, E., Cavallaro, R. Computer-aided neurocognitive remediation in schizophrenia: Durability of rehabilitation outcomes in a follow-up study (2010) *Neuropsychological Rehabilitation*, 20 (5), pp. 659-674

Bosia, M., Anselmetti, S., Bechi, M., Lorenzi, C., Pirovano, A., Cocchi, F., Buonocore, M., Bramanti, P., Smeraldi, E., Cavallaro, R. Effect of 5-HT1A-receptor functional polymorphism on Theory of Mind performances in schizophrenia (2010) Psychiatry Research, 2011;188(2):187-90.

Rabinowitz, J., Napryeyenko, O., Burba, B., Martinez, G., Neznanov, N.G., Fischel, T., Baylé, F.J., Cavallaro, R., Smeraldi, E., Schreiner, A. Premorbid functioning and treatment response in recent-onset schizophrenia: Prospective study with risperidone long-acting injectable (2011) Journal of Clinical Psychopharmacology, 31 (1), pp. 75-81.

Bosia M, Buonocore M, Guglielmino C, Pirovano A, Lorenzi C, Marcone A, Bramanti P, Cappa SF, Aguglia E, Smeraldi E, Cavallaro R. Saitohin polymorphism and executive dysfunction in schizophrenia. Neurol Sci. (2012) 33(5):1051-6

Spangaro M, Bosia M, Zanoletti A, Bechi M, Cocchi F, Pirovano A, Lorenzi C, Bramanti P, Benedetti F, Smeraldi E, Cavallaro R. Cognitive dysfunction and glutamate reuptake: Effect of EAAT2 polymorphism in schizophrenia. Neurosci Lett. 2012 Aug 1;522(2):151-5.

Llorca PM, Blanc O, Samalin L, Bosia M, Cavallaro R; EGOFORS Initiative. Factors involved in the level of functioning of patients with schizophrenia according to latent variable modeling. Eur Psychiatry. (2012) 27(6):396-400

Helldin, L., Cavallaro, R., Galderisi, S. A functional comparison of patients with schizophrenia between the North and South of Europe. European Psychiatry (2012) 27(6):442-4,

Cavallaro R, Bosia M, Guglielmino C, Smeraldi E 9-OH risperidone response in risperidone poor responders: An open study of drug response concordance, Neurol Psych Brain Res (2012), 18 (3), pp 109-113

Poletti S, Anselmetti S, Riccaboni R, Bosia M, Buonocore M, Smeraldi E, Cavallaro R. Self-awareness of cognitive functioning in schizophrenia: patients and their relatives. Psychiatry Res. (2012)198(2):207-11

Riccaboni R, Fresi F, Bosia M, Buonocore M, Leiba N, Smeraldi E, Cavallaro R. Patterns of evidence integration in schizophrenia and delusion. *Psychiatry Res.* (2012) 200(2-3):108-14

Bechi M, Riccaboni R, Ali S, Fresi F, Buonocore M, Bosia M, Cocchi F, Smeraldi E, Cavallaro R. Theory of mind and emotion processing training for patients with schizophrenia: preliminary findings. *Psychiatry Res.* (2012) 198(3):371-7

Bechi M, Spangaro M, Bosia M, Zanoletti A, Fresi F, Buonocore M, Cocchi F, Guglielmino C, Smeraldi E, Cavallaro R. Theory of Mind intervention for outpatients with schizophrenia. *Neuropsychol Rehabil.* (2013) Feb 4. [Epub ahead of print] PubMed PMID: 23379271

Poletti S, Radaelli D, Cavallaro R, Bosia M, Lorenzi C, Pirovano A, Smeraldi E, Benedetti F. Catechol-O-methyltransferase (COMT) genotype biases neural correlates of empathy and perceived personal distress in schizophrenia. *Compr Psychiatry* (2013) 54(2):181-6

#### **List of national and international, peer reviewed publications**

Benedetti F, Anselmetti S, Florita M, Radaelli D, Cavallaro R, Colombo C, Smeraldi E. Reality Monitoring and paranoia in remitted delusional depression. *Clinical Neuropsychiatry* 2005, 2; 3: 199-205

Ermoli E, Anselmetti S, Bechi M, Cocchi F, Smeraldi E, Cavallaro R. Assessment of psychosis in schizophrenia: neuropsychological profile of chronic schizophrenia. *Clinical Neuropsychiatry* 2005, 2; 4: 243-249

Bechi M, Papini B, Cocchi F, Anselmetti S, Ermoli E, Smeraldi E, Cavallaro R. Attitude towards treatment in schizophrenia: influence of cognitive *Clinical Neuropsychiatry*, 2005, 2; 4. 243-249

Anselmetti S, Bechi M, Cocchi F, Ermoli, Smeraldi E, Cavallaro R. Source monitoring in schizophrenia: a signal detection analysis study, Clinical Neuropsychiatry 2005, 2; 4: 229-236

Allochis, G., Cavallaro, R., Milano, W., Monteleone, P., Paroli, A., Rossi, A. Issues in physical health monitoring and management of patients with schizophrenia [Problematiche nel monitoraggio e nella gestione della salute fisica del paziente con schizofrenia] (2007) Italian Journal of Psychopathology, 13 (4), pp. 533-545.

Allochis, G., Cavallaro, R., Milano, W., Monteleone, P., Paroli, A., Rossi, A. Unmet needs in the treatment of schizophrenia: The role of aripiprazole [Bisogni irrisolti nel trattamento della schizofrenia: Ruolo di aripiprazolo] (2008) Italian Journal of Psychopathology, 14 (1), pp. 88-104.

Auguglia, E., Bogetto, F., Cavallaro, R., Galderisi, S., Pani, L., Rossi, A., Sacchetti, E., Siracusano, A., Smeraldi, E. Remission in schizophrenia: Clinical and educational aspects. The Remission Project (2008) [La valutazione della remissione nella schizofrenia. II progetto remissione] Italian Journal of Psychopathology, 14 (4), pp. 329-337.

Cocchi F, Bosia M, Cavallaro R, Smeraldi E .*Medium-term effectiveness of a new, prolonged-release, atypical antipsychotic: an objectives-based observational study*(2009) [Effectiveness a medio termine di un nuovo antipsicotico atipico a rilascio prolungato: uno studio osservazionale per obiettivi] Italian Journal of Psychopathology, 15 (1): 89-98.

## Books and Books Chapters

Invernizzi G, Guercetti G, Madeddu F, Cavallaro R. Nuovi composti per il trattamento delle psicosi schizofreniche. In: Cazzullo, Altamura, Invernizzi (eds.) Aspetti tossicologici dell'uso clinico di composti neuropsicotropi pp. 145-151 CEM, Parma 1988.

Altamura AC, Mauri MC, Cavallaro R, Regazzetti MG, Baretti S. Haloperidol metabolism and clinical outcome in schizophrenic patients. In: Schizophrenia: a psychobiological view. Casacchia M, Rossi A eds. London Kluwer Academic Publishers 1989

Altamura AC, Mauri MC, Cavallaro R, Regazzetti MG, Bareggi S. Hydroxyhaloperidol and clinical outcome in schizophrenia.. In Dahl (ed) : Clinical pharmacology in psychiatry: molecular studies to clinical reality. Springer Verlag Berlin , pp 263-26, 1989.

Altamura AC, Mauri MC, Coppola MT, Cavallaro R, Regazzetti MG. Dalla sulpiride alla levo-sulpiride. In: Disturbi somatoformi: clinica ed intervento farmacologico pp 27-37, 1990

Smeraldi E, Cavallaro R, Cogrossi S. Il Bromazepam nella pratica clinica: aggiornamenti e punti di interesse. CE. D. RI. M. Milano, 1992 (monografia)

Cavallaro R, Mundo E, Bellini L. Psicopatologia e semeiotica della depressione: strumenti di valutazione. In: Smeraldi E (Ed) I disturbi dell'umore clinica e terapia. Edi Ermes Milano, 1993, pp 11-19

Smeraldi E, Haefele E, Cavallaro R. Farmacologia clinica dell'amitriptilina: una revisione critica della letteratura. CE. D. RI. M. Milano, 1993 (monografia)

Smeraldi E, Cavallaro R. Sindromi extrapiramidali indotte da farmaci. UTET Periodici Scientifici, Milano, 1995 (monografia)

Cavallaro R, Colombo C, Smeraldi E. The treatment of resistant schizophrenia: a pilot, open study on the treatment with risperidone and clozapine. In: Racagni G, Brunello N et al (eds): Critical issues in the treatment of schizophrenia. International Academy for Biomedical Drug Research , Karger Basel 1995,pp 178-181.

Smeraldi E, Cavallaro R. Farmacologia clinica del risperidone (monografia). Mosby Doyma Italia, Milano 1996

Smeraldi E, Cavallaro R. Drug-induced Extrapyramidal syndromes. Utet periodici scientifici, Milano 1996 (monografia)

Cavallaro R., Macciardi F., Smeraldi E. L'eterogeneicità della risposta farmacologica nella schizofrenia. In: Il punto: farmacoterapia della schizofrenia, P. Pancheri (Ed.), Scientific Press, Firenze, pp. 55-84, 1996

Cavallaro R, Smeraldi E. L'uso clinico del risperidone. In : Pancheri P (Ed) : Il punto : farmacoterapia della schizofrenia. Scientific Press, Firenze, 1996,. pp.199-226

Cavallaro, R. Basi biologiche e trattamento della schizofrenia e del disturbo delirante. In: Trabucchi M, Racagni G, Frattola P, Smeraldi E (Eds): 'Neuropsicofarmacologia' - Trattato di Farmacologia e Terapia UTET, Torino, 1997 pp.315-333.

Di Rosa M, Cavallaro R, Smeraldi E. Schizofrenia In: Smeraldi E. (Ed) Competenze psichiatriche nella formazione medica. EdiTeam, Bologna, 1997. pp 127-152

Cavallaro R, Lucca A, Gabriele A. Informazioni essenziali sui farmaci in psichiatria.. In: Smeraldi E. (Ed) Competenze psichiatriche nella formazione medica. EdiTeam, Bologna, 1997. pp 379-405.

Cavallaro R. Antipsicotici, in: Pancheri P, Cassano GB et al (Eds) 'Trattato Italiano di Psichiatria, II edizione, Masson , Milano, 1999, pp 3333-3388

Smeraldi E, Cavallaro R. Valutazione dei risultati terapeutici in terapia biologica: in: Pancheri P, Cassano GB et al (Eds) 'Trattato Italiano di Psichiatria, II edizione, Masson , Milano, 1999, pp 3141-3146

Cavallaro R. Il trattamento delle comorbidità. In: Farmacologia clinica nella depressione e nel DOC. Mosby Italia, Milano 1999, pp 40-48

Cavallaro R, Cavallini C, Henin M, Galardi G, Mistretta P, Bellodi L. The basal ganglia thalamo-cortical loop and the neurological OCD spectrum disorders: OCD comorbidity and family history in idiopathic focal dystonia. In: Bellodi L, Cavallaro R (Eds) The Basal-Cortical Function in Obsessive Compulsive Disorder Spectrum. Pacini Editore Pisa, 2000, pp 149-165.

Cavallini C, Henin M, Cavallaro R, Galardi G, Bellodi L. Genetics of obsessive-compulsive disorder spectrum: genetic models. In: Bellodi L, Cavallaro R (Eds) The Basal-Cortical Function in Obsessive Compulsive Disorder Spectrum. Pacini Editore Pisa, 2000, pp 165-182.

Cavallaro, R. Le Psicosi Giovanili. In: Smeraldi E, Brignoli O (Eds) Medico di Medicina Generale e Psichiatria. Airon Edizioni, 2002, pp 127-164.

Cavallaro R, Smeraldi E. Commento a ‘La tipologia Costituzionale’ in: Rileggendo Minkowsky. Fondamenti e orientamento della psicopatologia contemporanea. Excerpta Medica Italia, 2003, vol 2, pp116-122

Colombo C, Cavallaro R. Commento a , L’autismo ricco e l’autismo povero’ in: Rileggendo Minkowsky. Fondamenti e orientamento della psicopatologia contemporanea. Excerpta Medica Italia, 2004, vol 5 pp 92-104

Cavallaro R, Cavallini C, Bellodi L. Neurological disorders of the basal ganglia and obsessive-compulsive disorder. In: Gross-Isseroff R and Weizman A (Eds) Obsessive Compulsive Disorder and Comorbidity Nova Science Publishers (New York) 2006

Anselmetti S, Cavallaro R, Cappa S L’esame neuropsicologico in psichiatria in: L’esame neuropsicologico dell’adultoper scopi clinici e forensi. A cura di Angelo Bianchi Giunti O.S. Organizzazioni Speciali Editore, Firenze in press

### **Books Edited**

Bellodi L, Cavallaro R (Eds) The Basal-Cortical Function in Obsesssive Compulsive Disorder Spectrum. Pacini Editore Pisa, 2000