

Curriculum Vitae

Personal Information

<i>Name:</i>	Michela (Micky) Marinelli	<i>Office address:</i>	
<i>Date of birth:</i>	January 9, 1969		Dept. of Cellular & Molecular Pharmacology
<i>Place of birth:</i>	Rome, Italy		RFUMS/Chicago Medical School
<i>Citizenship:</i>	Italian		3333 Green Bay Rd, North Chicago, 60064 IL, USA
<i>Visa status:</i>	Permanent resident		Phone: (847) 578-8673
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Degrees

1997	Ph.D., University of Bordeaux 2, Bordeaux, France (summa cum laude) Thesis in Neuroscience and Pharmacology: "Role of glucocorticoid hormones on behavioral and dopaminergic effects of drugs of abuse".
1991	Degree in Pharmacy, University of Rome "La Sapienza", Rome, Italy (110/110 summa cum laude) Thesis in Pharmacology and Pharmacognosy: "Maternal glucocorticoid hormones and biochemical and behavioral aspects from perinatal age to adulthood in the rat".
1986	International Baccalaureate, Ecole Internationale de Genève, Geneva, Switzerland/St. Stephen's School, Rome, Italy.

Research Experience

Mar 2007 - now	Associate Professor
Aug 2003 - Mar 2007	Assistant Professor Department of Cellular and Molecular Pharmacology Rosalind Franklin University of Medicine and Science (formerly Finch University of Health Sciences), Chicago Medical School, North Chicago, IL, USA <i>Research topics: Cellular & molecular mechanisms of drug addiction.</i>
Mar 2001 - July 2003	"Chargé de Recherche" (French equivalent of Assistant Professor). Laboratoire des comportements adaptatifs, INSERM U259; Université de Bordeaux 2, Bordeaux, France. <i>Research topics: Cellular and molecular mechanisms of vulnerability to drug addiction; Role of gene/environment interactions in vulnerability to drug addiction.</i>
May 2000 - Mar 2001	Research Assistant Professor Neuropsychopharmacology laboratory, Department of Cellular and Molecular Pharmacology Finch University of Health Sciences, Chicago Medical School, North Chicago, IL, USA <i>Research topics: Electrophysiological correlates of individual vulnerability to dopamine-related disorders.</i>
Nov 1997 - Apr 2000	Post-doctoral fellow (with Professor F.J. White) Neuropsychopharmacology laboratory, Department of Cellular and Molecular Pharmacology Finch University of Health Sciences/The Chicago Medical School, North Chicago, IL, USA <i>Research topics: Behavioral and electrophysiological determinants of vulnerability to addiction.</i>
1992-1997	Graduate student (with Professor M. Le Moal and Dr. P.V. Piazza) Laboratoire des comportements adaptatifs, INSERM U259; Université de Bordeaux 2, Bordeaux, France. <i>Research topics: Glucocorticoid hormones, stress, dopamine & behavioral responses to addictive drugs.</i>

- 1989-1992 Student to obtain degree in Pharmacy (with Professor L. Angelucci and Dr. A. Catalani)
Istituto di Farmacologia Medica II, University of Rome “La Sapienza”, Rome, Italy
Research topics: Glucocorticoid hormones and adaptive behaviors; influence of the post-natal environment on the behavior, physiology and neurochemistry of adult rats.
- 1989 Trainee in pharmaceutical techniques (with Dr. R. Gallotta)
Gallotta Pharmacy, Rome, Italy
Research topics: Compounding and optimization of medications.
- Sept 1989 Trainee in applied pharmacology (with Dr. N. Corsico)
Bracco Pharmaceutical Industry, Milan, Italy
Research topics: Contrast media and anaphylactic reactions.

Grants & Fellowships

Active

- 2006-2011 NIH/NIDA grant (R01 DA020654) “Adolescent cocaine abuse: electrophysiology & behavior”,
~\$206,000/year direct costs. Role: PI

Completed

- 2005-2006 Pilot research Grant from the RFUMS/Chicago Medical School (1 year), \$ 25,000 direct costs.
- 2001-2002 MILDT research grant (Mission Interministérielle de Lutte contre la Drogue et la Toxicomanie;
Inter-ministerial Mission Fighting against Drug and Addiction), Paris, France (co-principal
investigator with P.V. Piazza), 60,000 euros direct costs.
- 1999-2001 Young Investigator Award Grant from the National Alliance for Research on Schizophrenia and
Depression (NARSAD), \$ 60,000.
- 1997 Post-doctoral fellowship from the “Société de Secours des Amis des Sciences” (Society Aiding the
Friends of Science), Paris, France.
- 1996 Post-doctoral fellowship from the “Fondation pour la Recherche Médicale” (Foundation for
Medical Research), Paris, France.
- 1992-1995 Doctoral scholarship from the Ministry of Scientific Research, Italy.
- Mar-May 1994 International research fellowship from the European Science Foundation, Strasbourg, France.
- Jan-Jul 1993 International research fellowship from the CNR (Consiglio Nazionale delle Ricerche; National
Council on Research), Rome, Italy.
- 1991-1992 Doctoral fellowship from the pharmaceutical industry Sigma Tau, Rome, Italy.

Awards

- 2006 Board of trustees award, Rosalind Franklin University of Medicine and Science, North Chicago, IL
- 2000 Travel Award, College on Problems on Drug Dependence (CPDD), to attend the 2000
Annual Meeting, San Juan, Puerto Rico
- 1998 Travel award, American College of Neuropsychopharmacology (ACNP), to attend the Annual
Meeting, Las Croabas, Puerto Rico, and invitation to attend meeting for five consecutive years.
- May 1995 Travel award, European Behavioural Pharmacology Society (EBPS), to attend the 6th International
Biennial Meeting, Forte Village Cagliari, Italy.

Research Interests

Behavioral models of drug addiction liability.

Role of stress and stress hormones in behavioral and dopaminergic responses to addictive drugs.

Adolescence and drug addiction liability.

Cellular and molecular bases of addiction.

Synaptic and non-synaptic determinants of dopamine cell plasticity and excitability.

Teaching

Rosalind Franklin University/Finch University

- 2007-now GIGP502 MCB II Molecular and Cellular Biology II. Principles of biomolecular action, experimental design and problem-solving (graduate students, interdepartmental graduate program). Course director: Dr. D. Mueller (~6 hrs/yr).
- 2006-now Cognitive Processing-Based Review for USMLE Step 1. Pharmacokinetics, drug absorption and excretion (medical students, various Universities). Course director: Prof. T. Hansen (3 hrs/yr).
- 2005-now CMP 5601 Neuropharmacology. Basic principles in pharmacology, techniques in neuropharmacology, experimental design (graduate students, various departments). Course director: Profs. B. Roberts/A.D. Mosnaim (6 hrs/yr).
- 2004-now CMP 5600A Medical pharmacology. Basic principles in pharmacology, pharmacokinetics, pharmacodynamics (medical students). Course director: Prof. G.A. Oltmans (6 hrs/yr).
CMP 5600A Medical pharmacology. Small group problem-solving exercises on medications used to treat: hypertension, cancer, Parkinson's, asthma, diabetes, psychopharmacology (medical students). Course director: Prof. G.A. Oltmans (~12 hrs/yr).
- 2006 CGS 724 Ethics in biomedical research (graduate students, various programs). Course director: Prof. L. Eliot (discussant, ~2 hrs).
- 2005-2006 MTD710 Brain frontiers: Advanced topics in neuroscience research. Addiction: brain and behavior (graduate students, Neuroscience interdepartmental program). Course director: Prof. L. Eliot (6 hrs).
- 2003-2004 & 1999-2001 PA Pharmacology. Physiology of blood pressure regulation, antihypertensive drugs and diuretics, (physician assistant students). Course directors: Prof. A.D. Mosnaim and Ms. Stacy Hanc (6 hrs/yr).

Outside Rosalind Franklin University

- 9 Mar 2005 ANAT 521 – Plasticity and Regeneration. Neuroadaptations of the dopamine system that may increase vulnerability to addiction (graduate students, Dept. of Anatomy and Cell Biology, University of Illinois at Chicago, Chicago, IL). Course director: Dr. J.R. Unnerstall (~1 hr).
- 15 Mar 2004 M5330 Med Sci I. Approaching Addiction Mechanisms through Dopamine Cell Excitability (graduate students, neuroscience program, The University of Michigan, Ann Arbor, MI). Course director: Dr. T.E. Robinson (~1 hr).
- 2002-2003 Theories of drug dependence and mechanisms of action of drugs (students of the “préparation à l'aggregation” (special university program to prepare for the highest French teaching government tenured position) in “sciences de la vie et de la terre” (sciences of life and earth), Université de Bordeaux 1, Talence, France). Course director: Prof. J.M Cabelguen (6 hrs).
- Nov 2001 The use of electrophysiology in neuroscience research (graduate students, Neuroscience and Pharmacology program, University of Bordeaux 2, Bordeaux, France). (1.5 hrs).
- Dec 2000 Statistics and data analysis (graduate students, Neuroscience and Pharmacology program, University of Bordeaux 2, Bordeaux, France). (1.5 hrs + 1 hr practice calculations).

Service

Professional Societies

- 2005-now Organizer, with Dr. Celeste T. Napier, of “Chicago Dopamine & Friends”, designed to promote interactions amongst Chicago-land scientists who are interested on the topic of “dopamine”. See <http://www.rosalindfranklin.edu/cms/Pharmacology/Marinelli/ChiDA.HTM>
- 2006-2008 Secretary of the Chicago Chapter of the Society for Neuroscience (SfN).
- 2006 Chair of the Psychopharmacology Social, Society for Neuroscience meeting, Atlanta, GA
- 2004-2006 Councilor for the Great Lakes Chapter of the American Society for Pharmacology and Experimental Therapeutics (ASPET).

Community

- 2007-now Monthly cooking and service at Good News Community Kitchen, Chicago
- 2006-now Seminars on drug addiction (emphasis on alcohol or tobacco) to:
Barrington High School, Illinois, USA (grades 11-2)
Beach Park Middle School (grade 8 gifted and talented)
Lake County Baptist High School (grades 11-12)
Libertville High School (grades 11-12)
University of Wisconsin Park Side, Doctors of Our Community (grades 11-12)
University of Illinois Extension: Science exploration camp (ages 11-13)
Waukegan High School (grades 11-12)
Waukonda High School (grades 11-12)
Wheeling Park District (ages 11-13)
- 2007 Seminar on drug addiction and the brain. Northwestern University , Center for Talent Development, Saturday Enrichment Program. Woodland Intermediate School, Gurnee, IL
- 2006 Seminar on drug addiction to LeadAmerica (grades 8-12)
- Oct 2001 Seminar and round-table discussion on drug addiction to high school students. Lycée Val de Garonne, Marmande, France.
- Oct 2001 Lecture and discussion with high school students on drugs of abuse: risks, epidemiological studies, mechanisms of drug action, animal research. Lycée Saint St Exupéry, Parentis en Born, France.

University

Active

- 2008-now Member of Gold Humanism in Medicine Honor Society selection committee.
- 2007-now Director of Cellular & Molecular Pharmacology Graduate Program, RFUMS, North Chicago, IL
- 2007-now Member of Cellular & Molecular Pharmacology Graduate Studies Committee, RFUMS, North Chicago, IL
- 2007-now Member of Compensation Committee and compensation subcommittee data analysis, RFUMS, North Chicago, IL
- 2006-now Member of Vertical Integration Group: General/Introductory Principles, RFUMS, North Chicago, IL
- 2006-now Member of IACUC, RFUMS, North Chicago, IL
- 2006-now Member of Rules Committee, RFUMS, North Chicago, IL
- 2005-now Member of ad hoc appeals board for SEPAC, RFUMS/Chicago Medical School, North Chicago, IL

Completed

- 2003-2008 Member of space committee, Dept. Cellular & Molecular Pharmacology, RFUMS/Chicago Medical School, North Chicago, IL.

2004-2007	Member of recruitment committee, Dept. Cellular & Molecular Pharmacology, RFUMS/Chicago Medical School, North Chicago, IL
2005-2006	Member of committee to revise university bylaws, RFUMS, North Chicago, IL
2005-2006	Member of committee to revise procedures for obtaining tenure, RFUMS, North Chicago, IL
2005-2006	Organizer in the remodeling of behavioral space for Biological Resource Facility, RFUMS, North Chicago, IL
2005-2006	Member of workload committee. Dept. Cellular & Molecular Pharmacology, RFUMS/Chicago Medical School, North Chicago, IL
2004-2006	Organizer of the journal club series, Dept. Cellular & Molecular Pharmacology, RFUMS/Chicago Medical School, North Chicago, IL
2004-2005	Member of Departmental Faculty Evaluation committee, RFUMS/Chicago Medical School, North Chicago, IL
2001-2002	Organizer of the seminar series for INSERM U.259, Bordeaux, France
2001-2002	Head of animal quarters , INSERM U.259, Bordeaux, France (responsibilities included: hiring of the animal keeper, transforming the facility to comply with European Norms, verifying daily function, participating in the animal care committee meetings of the University of Bordeaux 2).

Reviewing Responsibilities

Grants

Nov 07	NIH special emphasis panel, Centers Review Committee [ZDA1 RXL - E(02)]
July 07	NIH/NIDA RFA on Extinction and Pharmacotherapies for Drug Addiction [RFA-DA-07-010]
Feb 07	Ad hoc reviewer for NIH study section (NMB, Neurobiology of Motivated Behavior)
Nov 06, May 07	Ad hoc reviewer for Neurological Foundation of New Zealand Project Application
Feb 05	Ad hoc reviewer for NIH study section (BRLE, Biobehavioral Regulation, Learning and Ethology)

Manuscripts

Behavioral Brain Research	Neuroscience Letters
Behavioral Neuroscience	Neurotoxicology
Behavioural Pharmacology	North American Journal of Psychology
Biochemical Pharmacology	Pharmacology Biochemistry and Behavior
Biological Psychiatry	Physiology and Behavior
Developmental Neuroscience	Proceedings of the National Academy of Sciences
Drug & Alcohol Dependence	Psychopharmacology
European Journal of Neuroscience	Synapse
European Journal of Pharmacology	The Journal of Addictive Diseases
Neuropsychocrinology	The Journal of Neurophysiology
Neuropsychopharmacology	The Journal of Neuroscience
Neuroscience	The Journal of Pharmacology and Experimental Therapeutics
Neuroscience & Biobehavioral Reviews	

Memberships and Affiliations

2004-now	American Society for Pharmacology and Experimental Therapeutics (ASPET)
1999-now	Society for Neuroscience (U.S.A.)
1997-2004	Société Française des Neurosciences (French Society for Neuroscience)

Participation to Student Development

Student Committees

-Thesis Committees, outside RFUMS

2006-now	Amy Herrold	PhD student, Napier Lab, Dept Pharmacology, Loyola University, IL
2005-now	Robin Voigt	PhD student, Napier Lab, Dept Pharmacology, Loyola University, IL
2005	Amy Herrold	Master's student, Napier Lab, Dept Pharmacology, Loyola University, IL
2005	Lionel Dahan	PhD student, Chouvet Lab, Dept. Neuroscience, University Lyon, France
2003-2005	Charles Rudick	PhD student, Heckman Lab, Dept. Neurobiol/Physiol, Northwestern Univ., IL
2002-2005	Frédéric Ambroggi	PhD student, Piazza Lab, Dept. Neurosci/Pharm, Univ.Bordeaux 2, France

-Thesis Committees, RFUMS/Chicago Medical School, North Chicago, USA

2007-now	Woojin Song	Master's student, Kosson Lab, Dept. of Psychology
2007-now	Alexander Dec	PhD student, West Lab, Dept. of Neuroscience
2006-now	Randy Leitermann	PhD student, Urban Lab, Dept. of Physiology
2006-2008	Amanda Raskowski	PhD student, Urban Lab, Dept. of Physiology
2004-2008	Kelly Conrad	PhD student, Wolf/Marinelli Lab, Dept. of Neuroscience
2004-2008	Evgenia Megalou	PhD. student, Frost Lab, Dept. of Cell Biology & Anatomy
2005-2007	Maud Morshedi	MD/PhD student, Meredith Lab, Dept. of Cell. & Molec. Pharmacology
2004-2007	Amy Boudreau	MD/PhD. student, Wolf Lab, Dept. of Neuroscience
2004-2005	Anna Hallbergson	MD/PhD student, Peterson Lab, Dept. of Neuroscience
2004	Danting Liu	Master's student, West Lab, Dept. of Neuroscience

-Qualifying exam Committees, RFUMS/Chicago Medical School, North Chicago, USA

2006	Jeremy Reimers	Dept. of Neuroscience
2006	Randy Leitermann	Dept. of Neuroscience
2005, 06	Alexander Dec	Dept. of Neuroscience
2004	Kelly Conrad	Dept. of Neuroscience
2003, 04	Evgenia Megalou	Dept. of Cell Biology and Anatomy
2003, 04	Victor Marinescu	Dept. of Cellular and Molecular Pharmacology

-Other Student Committees, RFUMS/Chicago Medical School, North Chicago, USA

2006-now	Steven Carr	MD with distinction program
2004-07	Michael Vercillo	MD with distinction program

Student Training

-Rotation students, RFUMS-FUHS/The Chicago Medical School, North Chicago, USA

2008	WaiChong Wong	Graduate student, IGPBS program
2008	Krishnamurthy GanapathySubramanian	Graduate student, IGPBS program
2006-2008	Harbinder Khangura	MD Student – Rotation to gain research experience
2006-2008	Steven Carr	MD Student - MD with distinction program
2006	Steven Carr	MD Student - Summer Research Fellowship
2004-05	Vipin Yadav	Graduate student - Dept of. Cellular and Molecular Pharmacology
2004	Alexander Dec	Graduate student - Dept. of Neuroscience
2003-04	Kelly Conrad	Graduate student - Dept. of Neuroscience
2000	Somnath Basu	Graduate student - Dept. of Neuroscience
1999	Kiryaki Sidiropoulu	Graduate student - Dept. of Neuroscience
1998	Mark Fons	Graduate student - Dept of. Cellular and Molecular Pharmacology

-Participation to graduate student training, FUHS/RFUMS, The Chicago Medical School, North Chicago, USA

2004-2008	Kelly Conrad	Dept. of Neuroscience, Co-advisor w/ Dr. Wolf
2004-05	Charles Rudick	Neuroscience Program, Northwestern University, Dr. Heckmann advisor
1998-2001	Cindy Brandon	Dept. of Cellular Biology and Anatomy, Dr. White advisor

-Participation to student training, INSERM U.259, Bordeaux, France

2001-2003	Frédéric Ambroggi	Graduate student - Thesis in neuroscience & pharmacology
1997	Frank Soury	Undergraduate student - Research report in physiology
1996	Bruno Aouizerate	Master's student - Master's thesis in neuroscience & pharmacology
1996	Frédéric Piat	Master's student - Master's thesis in neuropharmacology & drug addiction
1995	Michèle Brun	Master's student - Master's thesis in neuropharmacology & drug addiction
1995	Sandrine Colpaert	Undergraduate student - Research report in physiology
1994	Stéphane Le Maux	Master's student - Master's thesis in neuropharmacology & drug addiction

Invited Talks and Seminars

21 May 2008	Dept. Pharmacology, Rush University Medical Center, Chicago, IL. “Is the adolescent brain more susceptible to addiction”. Host: Dr. T.C. Napier.
7 May 2008	Meeting on Alcoholism and Stress: A Framework for Future Treatment Strategies, Volterra, Italy. “Effects of stress on dopamine neurons of the ventral tegmental area and interaction with drugs of abuse”. Symposium organizer: Dr. M.S. Brodie.
11 Mar 2008	Dept. Pharmacology, University of Washington, Seattle WA. “Stress, drugs, and dopamine cells: Interactions that promote addiction liability”. Host; Dr. P.E.M. Phillips.
30 Jan 2008	WCBR (Winter Conference on Brain Research) 41 st Annual Meeting, Snowbird, UT. “Dopamine neuron activity and relationship to addiction”. Panel organizer: Dr. F. Georges. Panel title: “Drugs of abuse: what dopamine neurons do and don't do!”.
2 Nov 2007	First annual Julius Axelrod Satellite Symposium at the Society for Neuroscience meeting, San Diego, CA. “Developmental changes in the dopamine reward system and addiction”. Sponsors: NIMH, NIDA, NINDS.

- 12 Oct 2007 Dept. Molecular Pharmacology and Biological Chemistry, Northwestern University, Chicago, IL. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". Host: Dr. M. Dubocovich.
- 12 Sept 2007 Dept. Pharmacological and Experimental Therapeutics, Boston University School of Medicine, Boston, MA. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". Host: Dr. R.C. Pierce.
- 12 July 2007 Impulse Control Disorders in Parkinson's Disease Workshop, Toronto, Canada. "Dopamine neuron activity in animal models of drug addiction". Workshop director: Dr. M. Stacy.
- 27 Mar 2007 Department of Pharmacological and Physiological Science, Saint Louis University School of Medicine, St. Louis, MO. "Stress, drugs, and plasticity of dopamine neurons: relevance to addiction". Host: Dr. D.S. Zahm.
- 26 Feb 2007 Keystone Symposium on Neurobiology of Addiction, Santa Fe, NM. "Greater excitability of midbrain dopamine cells in adolescent vs. adult rats". Symposium organizer: Dr. L.W. Role. Symposium title: "Focus on vulnerability states".
- 29 Jan 2007 WCBR (Winter Conference on Brain Research) 40th Annual Meeting, Snowmass, CO. Workshop on "Dopaminergic burst firing and behavior: are you and I talking about the same thing?" Workshop organizer: Dr. K. Anstrom Kelly.
- 20 Sept 2006 Gallo Clinic and Research Center, UCSF, Emeryville, CA. "Stress, drugs, and plasticity of dopamine neurons: relevance to drug addiction". Host: Dr. A. Bonci.
- 15 Mar 2006 Dept. Pharmacology, Loyola University Medical Center, Maywood, IL. "Stress, drugs and plasticity of dopamine neurons: relevance to cocaine addiction". Host: Dr. A. Marchese.
- 1 Mar 2006 Dept. Cellular & Molecular Pharmacology. RFUMS/Chicago Medical School, North Chicago, IL. "Life Events, Plasticity of Dopamine Neurons, and Drug Addiction". Host: Dr. J. Potashkin.
- 10 Jan 2006 Pharmacology, Biochemistry & Behavior Conference, 7th Meeting: Adolescence: Alcohol, Drugs and Mental Disorders, Morzine, France. "Behavioral and electrophysiological consequences of adolescent exposure to psychostimulant drugs in rats". Symposium organizer: Dr. W.A. Carlezon.
- 13 Nov 2005 Neuroscience annual meeting, Washington DC. "Stress- and drug-induced plasticity of dopamine neurons: relevance to addiction". Symposium organizers: Drs. Y. Shaham & W.A. Carlezon. Symposium title: Neuroplasticity induced by abused drugs: is it relevant to addiction?
- 4 Nov 2005 Dept. Pharmacology & Toxicology Indiana University School of Medicine. "Dopamine: the mastermind for drug addiction". Host: Dr. S.P. Subbiah.
- 7 June 2005 Rudolf Magnus Institute of Neuroscience, University Medical Center, Utrecht, The Netherlands. "Electrophysiological correlates of addiction liability". Host: Dr. G.M. Ramakers.
- 1 June 2005 4th Dutch Endo-Neuro-Psycho Meeting, Doorwerth, The Netherlands. "Electrophysiological correlates of addiction liability". Symposium organizer: Dr. G.M. Ramakers.
- 27 Apr 2005 Behavioral & Neuroscience Dept. N.I.D.A./I.R.P./N.I.H, Baltimore, MD. "Stress-induced plasticity of midbrain dopamine neurons: implications for addiction liability". Host: Dr. Y. Shaham.
- 5 Apr 2005 XXXV International Congress of Physiological Sciences, ASPET (American Society for Pharmacology and Experimental Therapeutics), San Diego, CA. "Adolescent exposure to stimulants: Consequences on addiction liability". Symposium organizers: Drs. K.A. Cunningham and R.N. Pechnick. Symposium title: Adolescent drug abuse: long-term effects of exposure of the developing brain to drugs of abuse.
- 18 Feb 2005 Dept. Pharmacology & Toxicology, University of Texas Medical Branch, Galveston, TX. "Activity of dopamine neurons signals vulnerability for cocaine addiction". Host: Dr. K.A. Cunningham.

- 18 July 2004 FASEB (Federation of American Societies of Experimental Biology), meeting on “Modern scientific approaches to drug addiction: Relationship with behavior”, Tucson, AZ. “Dopamine neuronal activity codes for addiction liability”. Symposium organizers: Dr. F.J. White and P. O'Donnell. Symposium title: Psychostimulants.
- 10 June 2004 The Vollum Institute, Portland, OR. “Impulse activity of midbrain dopamine neurons: a marker for cocaine addiction?” Host: Dr. J.T. Williams
- 1 May 2004 SOBP (Society of Biological Psychiatry) 59th Annual Meeting, New York, NY. “Stress, dopamine neurons and self-administration”. Symposium organizer: J.F. Neumaier. Symposium title: Basic models and clinical neuroscience of stress induced drug relapse.
- 25 Feb 2004 WCNP (Winter Conference on Neural Plasticity) 16th Annual Meeting, St. Lucia, West Indies. “Impulse activity of dopamine cells and vulnerability to cocaine addiction”. Symposium organizer: Dr. D. Cooper. Symposium title: Motivation and reward in plasticity and learning.
- 29 Jan 2004 WCBR (Winter Conference on Brain Research) 37th Annual Meeting, Copper Mountain, CO. “Stress, dopamine neurons and behavioral response to psychostimulant drugs”. Panel organizer: Dr. Y. Shaham. Panel title: Stress, drug abuse, and synaptic plasticity.
- 9 Dec 2003 ACNP (American College of Neuropsychopharmacology) 42nd Annual Meeting, Puerto Rico. “Changes in impulse activity of midbrain dopamine cells associated with psychostimulant addiction”. **Symposium organizers: Drs. A.A. Grace and M. Marinelli.** Symposium title: The language of the dopamine neuron: what spike activity tells us about function.
- 11 July 2003 IBRO 6th World Congress of Neuroscience, Prague, Czech Republic. “The interaction between glucocorticoid hormones and dopamine transmission modulates the behavioral response to addictive drugs”. Symposium organizers: Drs. R. C. Malenka and M. Diana.
- 28 Feb 2003 Dept. Anesthesia & Critical Care. The University of Chicago, Chicago, IL. “Tracking addiction through impulse activity of dopamine cells”. (Job talk) Hosts: Drs. J. Moss and J. Apfelbaum.
- 8 Jan 2002 Advanced Issues in Behavioural Neuroscience, Swiss Federal Institute of Technology (ETH), Schwerzenbach, Zurich, Switzerland. “Dopamine cell activity and vulnerability to cocaine self-administration”. Hosts: Prof. J Feldon and Dr. A Jongen-Rêlo.
- 16 Dec 2002 Dept. Anesthesia & Critical Care. The University of Chicago, Chicago, IL. “What factors may lead to addiction? A systems approach using cellular and behavioral analyses”. (Job talk) Hosts: Drs. J. Moss and J. Apfelbaum.
- 25 Nov 2002 Dept. Cellular & Molecular Pharmacology. FUHS/The Chicago Medical School, North Chicago, IL. “What factors may lead to addiction? A systems approach using cellular and behavioral analyses”. (Job talk) Host: Dr. Francis J. White.
- 24 June 2002 CINF (Collegium Internationale Neuro-Psychopharmacologicum) XXIII Meeting, Montreal, Canada. “Corticoids and aminergic interactions”. Symposium organizer: Prof. J. Herbert.
- 11 Sept 2001 EBBS/EBPS 1st Joint Meeting, Marseille, France. “Glucocorticoid regulation of dopaminergic activity in the nucleus accumbens”. Symposium organizer: Dr. K.A. Cunningham.
- 6 July 2001 Doctoral School of Neuroscience, University of Siena, Siena, Italy. “A global approach to the study of biological bases of vulnerability to drugs”. Host: Prof. A. Tagliamonte.
- 16 May 2001 Institut François Magendie, Bordeaux, France. “Corélations électrophysiologiques de la vulnérabilité aux drogues” (Electrophysiological correlates of vulnerability to drugs of abuse). Host: Dr. C. Mulle.
- 23 Apr 2001 Behavioral & Neuroscience Dept. N.I.D.A./I.R.P./N.I.H, Baltimore, MD. “Predisposition of midbrain dopamine neurons to cocaine addiction: electrophysiological and behavioral studies in rodents”. Host: Dr. Y. Shaham.

- 11 Jan 2001 Dept. Psychiatry, UT Southwestern University, Dallas, TX. "Electrophysiological differences in midbrain dopamine neurons that underlie vulnerability to cocaine addiction". Host: Prof. E.J. Nestler.
- 11 Oct 2000 Dept. Cellular & Molecular Pharmacology, FUHS/The Chicago Medical School, North Chicago, IL. "Traits and states that influence cocaine addiction: electrophysiological and behavioral studies in rodent models". Host: Prof. F.J. White.
- 4 Oct 2000 Dept. Psychiatry, University of Chicago, IL. "Traits and states that influence vulnerability to drug addiction: electrophysiological and behavioral studies". Host: Dr. H. DeWit.
- 19 June 2000 College on Problems of Drug Dependence (CPDD), 62nd Annual Meeting, San Juan, Puerto Rico. "Electrophysiological correlates of enhanced vulnerability to cocaine self-administration". Symposium organizer: Dr. L. Gold.
- 13 Mar 1997 Dept. Neuroscience, FUHS/ Chicago Medical School, North Chicago, IL. "Role of glucocorticoids hormones in the behavioral and dopaminergic effects of drugs of abuse". Host: Prof. F.J. White.

Publications

Peer-reviewed journals

(n)= times cited (as of Jan 2008)

1. Catalani A, **Marinelli M**, Scaccianoce S, Nicolai R, Muscolo LAA, Korányi L, Piazza PV, Angelucci L. Progeny of mothers drinking corticosterone during lactation has lower stress-induced corticosterone secretion and better cognitive performance. *Brain Res* (1993) 624:209-215. (61)
2. **Marinelli M**, Piazza PV, Deroche V, Maccari S, Le Moal M, Simon H. Corticosterone circadian secretion differentially facilitates dopamine-mediated psychomotor effect of cocaine and morphine. *J Neurosci* (1994) 14:2724-2731. (83)
3. Piazza PV, **Marinelli M**, Jodogne C, Deroche V, Rougé-Pont F, Maccari S, Le Moal M, Simon H. Inhibition of corticosterone synthesis by metyrapone decreases cocaine-induced locomotion and relapse of cocaine self-administration. *Brain Res* (1994) 658:259-264. (120)
4. Jodogne C, **Marinelli M**, Le Moal M, Piazza PV. Animals predisposed to develop amphetamine self-administration show higher susceptibility to develop contextual conditioning of both amphetamine-induced hyperlocomotion and sensitization. *Brain Res* (1994) 657:236-244. (48)
5. Deroche V, **Marinelli M**, Maccari S, Le Moal M, Simon H, Piazza PV. Stress-induced sensitization and glucocorticoids. I Sensitization of dopamine-dependent locomotor effects of amphetamine and morphine depends on stress-induced corticosterone secretion. *J Neurosci* (1995) 15:7181-7188. (121)
6. Rougé-Pont F, **Marinelli M**, Le Moal M, Simon H, Piazza PV. Stress-induced sensitization and glucocorticoids. II Sensitization of the increase in extracellular dopamine induced by cocaine depends on stress-induced corticosterone secretion. *J Neurosci* (1995) 15:7189-7195. (98)
7. **Marinelli M**, Le Moal M, Piazza PV. Acute pharmacological blockade of corticosterone secretion reverses food restriction-induced sensitization of the locomotor response to cocaine. *Brain Res* (1996) 724:251-255. (28)
8. Piazza PV, Barrot M, Rougé-Pont F, **Marinelli M**, Maccari S, Abrous N, Simon H, Le Moal M. Suppression of glucocorticoid secretion and antipsychotic drugs have similar effects on the mesolimbic dopaminergic transmission. *Proc Natl Acad Sci USA* (1996) 93:15445-15450. (63)
9. **Marinelli M**, Rougé-Pont F, De Jésus Oliveira C, Le Moal M, Piazza PV. Acute blockade of corticosterone secretion decreases the psychomotor stimulant effects of cocaine. *Neuropsychopharmacology* (1997) 16:156-161. (30)
10. **Marinelli M**, Rougé-Pont F, Deroche V, Barrot M, De Jésus Oliveira C, Le Moal M, Piazza PV. Glucocorticoids & behavioral effects of psychostimulants I: Locomotor response to cocaine depends on basal levels of glucocorticoids. *J Pharm Exp Ther* (1997) 281:1392-1400. (45)

11. Deroche V, **Marinelli M**, Le Moal M, Piazza PV. Glucocorticoids & behavioral effects of psychostimulants II: Cocaine intravenous self-administration and reinstatement depend on glucocorticoid levels. *J Pharm Exp Ther* (1997) 281:1401-1407. (93)
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