

CURRICULUM VITAE

OLIVIER CIVELLI, Ph.D.

Contact Information

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Date of Birth May 8, 1949

Current Position

Professor, Department of Pharmaceutical Sciences, University of California, Irvine

Eric L. and Lila D. Nelson Professor of Neuropharmacology, Department of Pharmaceutical Sciences,
School of Pharmaceutical Sciences and Pharmacy, University of California, Irvine

Professor, Department of Developmental and Cell Biology, School of Biological Sciences, University of
California, Irvine

Education

1973	Swiss Federal Institute of Technology, Zurich, Switzerland, Diplome sc. nat
1979	Swiss Federal Institute of Technology, Zurich, Switzerland, Ph.D
	1973-1974, Swiss Institute of Experimental Cancer Research, Lausanne, Switzerland
	1974-1979, Institute Jacques Monod, CNRS, University of Paris VII, France

Professional positions

1979-1985	Research Associate, Department of Chemistry, University of Oregon, Eugene, Oregon
1985-1987	Senior Research Associate, Vollum Institute, Oregon Health Sciences University, Portland, Oregon
1987-1990	Assistant Staff Scientist, Vollum Institute; Assistant Professor, Department of Cell Biology & Anatomy, School of Medicine, Oregon Health Sciences University, Portland, Oregon
1990-1992	Scientist, Vollum Institute; Associate Professor, Department of Cell Biology & Anatomy, School of Medicine, Oregon Health Sciences University, Portland, Oregon
1992-1994	Chairman, Department of Biology, Pharmaceutical Research New Technologies, Vice-President, F. Hoffmann-La Roche, AG, Basel, Switzerland
1994-1996	Head, Research Area, Preclinical Research, Pharma Division, F. Hoffmann-La Roche, AG, Basel, Switzerland
1996-present	Chair, Eric L. and Lila D. Nelson Chair in Neuropharmacology, University of California, Irvine
1996-2019	Professor, Department of Pharmacology, School of Medicine, University of California, Irvine
1997-present	Professor, Department of Developmental and Cell Biology, School of Biological Sciences, University of California, Irvine
2009-present	Professor, Department of Pharmaceutical Sciences, University of California, Irvine
2011-2012	Interim Chair, Department of Pharmacology, University of California, Irvine
2012-2019	Chair, Department of Pharmacology, University of California, Irvine

Awards and Honors

1989	Pfizer traveling fellow award, Clinical Research Institute of Montreal
1991	Distinguished Speaker, Department of Pharmacology, University of Toronto
1992	Robert and Adele Blank Lectureship, New York University Medical Center
1992	Established Investigator Award from the National Alliance for Research on Schizophrenia and Depression (NARSAD)
1992	Presidential Lecture, Annual Meeting of the Society for Neuroscience
1996	Eric L. and Lila D. Nelson Professor of Neuropharmacology, University of California, Irvine

2002	Athalie Clarke Research Award, University of California, Irvine
2004	Recognized as one of the world's 20 leading experts on GPCR research (Nature Drug Discovery 3: 575-626)
2004	Astellas USA Foundation Research Award
2006	ISI Highly Cited Researcher
2008	Featured in "Hooked on a hunt" in The Scientist August 2008
2010	Member of the NIH College of CSR Reviewers
2010	Established Investigator Award from the National Alliance for Research on Schizophrenia and Depression (NARSAD)
2011	Visiting Professorship for Senior International Scientists, Chinese Academy of Sciences
2011	Guest Professorship, Nantong University, China
2011	Tourette Syndrome Association Research Grant
2015-17	Chinese Academy of Sciences President's International Fellowship Initiative for Visiting Scientists
2018	Distinguished Professor, University of California, Irvine

Lecture and Teaching Experience

University of Oregon

1984	Lecturer in Biochemistry (Biochemistry 401), Chemistry Department
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Oregon Health Sciences University

1986-1987	Graduate Program in Molecular and Cell Biology (CON 507)
1988-1992	Graduate Program in Neurosciences (CON 507), 1988-1992
1988-1990	Biochemistry Department (BCh 511), 1988-1990
1992	Grand Rounds, Department of Neurology
1992	Grand Rounds, Department of Endocrinology

Cold Spring Harbor:

1990-1991	Course on "Molecular Genetic Analysis of Diseases of the Nervous System"
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University of California, Irvine

1996-present	Medical Pharmacology Course (Pharm 241)
1997-present	Graduate Program in Pharmacology (Pharm 252)
1997-present	Graduate Program in Pharmacology (Pharm 255)
1997-present	Undergraduate Research (BioSci 199)
1998	Grand Rounds, Department of Pathology, VA Medical Center
1999-present	Graduate Program in Developmental and Cell Biology (Dev. Cell Bio 231D)
2005-2013	Course director for Methods in Pharmacology (Pharm 254)
2005-present	Foundations for Neuroscience (BioSci 202A)
2017-present	Online Master Program in Pharmacology, director

Students/Fellows Trained in Laboratory, with Listings of Current Positions and Affiliations

Curtis Machida	Postdoctoral fellow	Research Professor, Oregon Health Sciences University, Portland, Oregon
Paul Albert	Postdoctoral fellow	Professor, University of Ottawa, Canada
David Grandy	Postdoctoral fellow	Professor, Oregon Health Sciences University, Portland, Oregon
Eric Hanneman	Postdoctoral fellow	Hatfield Marine Science Center in Newport, Oregon
John Salon	Postdoctoral fellow	Scientific Director, Amgen, Thousand Oaks, California
Hubert Van Tol	Postdoctoral fellow	Professor, Canada Research Chair, University of Toronto, Toronto, Canada (deceased)
Qun-Yong Zhou	Graduate student	Professor, University of California, Irvine, California
Humberto Viveros	Visiting scientist	Executive Director, Ligand Pharmaceuticals, San Diego,

Claudia Bouvier	Postdoctoral fellow	California (retired) Research Scientist, Oregon State University, Corvallis, Oregon (retired)
Frederick Monsma	Postdoctoral fellow	Director, New Lead Discovery, Schering-Plough Research Institute, Bloomfield, New Jersey
Claire Mauger	Graduate student	Researcher, University of Angers, France
Rainer Reinscheid	Postdoctoral fellow	Professor, Institute of Pharmacology and Toxicology, University Hospital Jena, Jena, Germany
Deborah Hartman	Postdoctoral fellow	Vice President Respiratory & Inflammation Research, AstraZeneca, Leicester, United Kingdom
Ali Ardati	Postdoctoral fellow	Scientist, Sanofi-Aventis, Collegeville, Pennsylvania
Fabienne Lanau	Graduate student	Self employed, Geneva, Switzerland
Hans-Peter Nothacker	Postdoctoral fellow	Adjunct Assistant Professor, University of California, Irvine (retired)
Yumiko Saito	Postdoctoral fellow	Professor, Hiroshima University, Hiroshima, Japan
Steven Lin	Graduate student	Associate Professor, M.D. Anderson Cancer, Houston, Texas
Zhiwei Wang	Postdoctoral fellow	Specialist, University of California, Irvine, California
Stewart Clark	Graduate student	Associate Professor, SUNY Buffalo, Buffalo, New York
Gerard Martens	Visiting scientist	Professor, University of Nijmegen, Nijmegen, Holland
Hiroshi Nagasaki	Postdoctoral fellow	Associate Professor, Fujita Health University, Toyoake Japan
Laurence Montard	Master student	Pharmacist, Strasbourg, France
Toshio Takahashi	Postdoctoral fellow	Researcher, Suntory Institute for Bioorganic Research, Osaka, Japan
Christophe Iderne	Master student	Pharmacist, Strasbourg, France
Valerie Jackson	Graduate student	Associate Professor, Santa Monica College, Santa Monica, California
Yanling Xu	Graduate student	Physician, California Dignity Health Medical Foundation , San Francisco, California
Sigrun Pohl	Postdoctoral fellow	Pharmacist, Bremen, Germany
Kim Moon	Master student	Researcher, Allergan Ltd, Irvine, California
Chunying Li	Postdoctoral fellow	Post-graduate Researcher, University of California, San Francisco, California
Young Hwan Song	Visiting scientist	Professor, Pukyong National University, Busan, South Korea
Shinjaee Chung	Graduate student	Assistant Professor, University of Pennsylvania, Philadelphia
Naoe Okamura	Postdoctoral fellow	Associate Professor, Chiba University School of Medicine, Chiba, Japan
Li Zhang	Graduate student	Amgen Ltd, Thousand Oaks, California
Dee Duangdao	Graduate student	Scientist Life Technologies, San Diego, California
Takeo Funakoshi	Postdoctoral fellow	Scientist, Taisho Pharmaceuticals, Saitama, Japan
Daniel Kogan	Master student	Resident, University of California, Irvine, California
Gregory Parks	Graduate student	Scientist, Stanford Research Institute, Stanford, California
Cheol Lee	Visiting scientist	Professor, Wonkwang University Medical School, Chonbuk, South Korea
Yan Zhang	Postdoctoral fellow	Associate Professor Shanghai Jiaotong University, Shanghai, PRC
Julia Garcia-Fuster	Assistant Project Scientist	Assistant Professor, University of the Balearic Islands, Spain
Masayasu Kojima	Visiting scientist	Professor, Kurume University in Fukuoka, Japan
Ai-ping Chi	Visiting scientist	Associate Professor, Shaanxi Normal University, Xi'an, China
Nayna Sanathara	Graduate student	Scientist, Allergan Pharmaceuticals, Irvine, California
Lien Wang	Graduate student	Scientist, Johnson & Johnson Pharmaceutical Research & Development, San Diego, California
Amal Alachkar	Visiting scientist	Professor, University of California, Irvine
Lei Shi	Visiting scientist	Associate Professor, Xi'an Jiaotong University, Shandong, China
Jae Yoon Chung	Visiting scientist	Associate Professor, Wonkwang University Medical

Yuan Cao	Visiting scientist	School, Chonbuk, South Korea Associate Professor, Jiangsu Province Hospital of Traditional Chinese Medicine, China.
Kwang-Ho Cho	Visiting scientist	Professor, Wonkwang University Medical School, Chonbuk, South Korea
Khawla Nuseir	Visiting scientist	Associate Professor, Jordan University of Science and Technology, Amman, Jordan
Ilias Marmouzi	Postdoctoral fellow	University of California, Irvine
Dong Han	Visiting scientist	Assistant Professor, Changchun University of Chinese Medicine, Changchun, China
Yan Ma	Visiting scientist	Deputy Chief Physician, Department of Endocrinology, Jilin Province People's Hospital, Jilin, China
Lamees Alhassen	Graduate student	University of California, Irvine
Travis Dabbous	Graduate student	University of California, Irvine

Patents

1. US 5,389,543, February 14, 1995, Cloned Genes Encoding the D₁ Dopamine Receptor, Bunzow, J.R., Civelli, O., Grandy, D.K., Zhou, Q.Y., Caron, M.G., Dearry, A., Falardeau, P., Gingrich, J.A.
2. US 5,422,265, June 6, 1995, DNA Sequence for the Human Dopamine Receptor D₄ and Expression Thereof in Mammalian Cells, Civelli, O., Van Tol, H.H.
3. US 5,427,942, June 27, 1995, Human D₅ Dopamine Receptor Gene and Uses, Civelli, O., Grandy, D.K.
4. US 5,441,883, August 15, 1995, A₃ Adenosine Receptor, DNA, and Uses, Civelli, O., Zhou, Q.Y.
5. US 5,516,683, May 14, 1996, Human D₄ dopamine receptor and its uses, Grandy, D.K., Bunzow, J.R., Civelli, O., Van Tol, H.H..
6. WO 96109462.0, June 13, 1996, Modulation of LC132 (opioid-like) receptor function, Civelli, O., Martin, J.R., Monsma, F., Moreau, J.L., Nothacker, H.P., Reinscheid, R.
7. US 5,547,845, August 20, 1996, Aqueous Solution Containing D₁ Dopamine Receptor, Bunzow, J.R., Civelli, O., Grandy, D.K., Zhou, Q.Y.
8. US 5,569,601, October 29, 1996, Human Dopamine Receptor and its Uses, Civelli, O.
9. US 5,594,108, January 14, 1997, Human Dopamine Receptor and its Uses, Civelli, O., Van Tol, H.H.
10. WO 97/07212, February 27, 1997, Opioid antagonists and methods of their use, Grisel, J.E., Grandy, D.K., Bunzow, J.R., Civelli, O., Reinscheid, R.K., Nothacker, H.P., Monsma, F.
11. US 5,658,783, August 19, 1997, Mammalian methadone-specific opioid receptor gene and uses, Grandy, D.K., Bunzow, J.R., Civelli, O.
12. US 5,686,573, November 11, 1997, Human D₅ dopamine receptor protein, Civelli, O., Grandy, D.K.
13. US 5,821,067, October 13, 1998, Mammalian methadone-specific opioid receptor and uses in binding assays, Grandy, D.K., Bunzow, J.R., Civelli, O.
14. US 5,837,809, November 17, 1998, Mammalian opioid receptor ligand and uses, Grandy, D.K., Bunzow, J.R., Civelli, O., Reinscheid, R.K., Nothacker, H.P., Monsma, F.J.
15. US 5,880,260, March 9, 1999, Dopamine receptors and genes, Civelli, O., Bunzow, J.R., Grandy, D.K., Machida, C.A.
16. US 5,883,226, March 16, 1999, Human dopamine receptor and its uses, Civelli, O., Van Tol, H.H.M.
17. Canada 2,097,698, June 1, 1999, Human dopamine D₄ receptor and its uses, Civelli, O., Van Tol, H.H.M.
18. US 6,028,175, February 22, 2000, Mammalian methadone-specific opioid receptor, Grandy, D.K., Bunzow, J.R., Civelli, O.
19. US 6,203,998 B1, March 20, 2001, Human dopamine receptor and its use, Civelli, O., Van Tol, H.H.M.
20. US 6,277,591, August 21, 2001, Dopamine receptors and genes, Civelli, O., Bunzow, J.R., Grandy, D.K., Machida, C.A.
21. US 6,280,973, August 28, 2001, Mammalian methadone-specific opioid receptor gene and uses, Grandy, D.K., Bunzow, J.R., Civelli, O.
22. US 6,326,156, December 4, 2001, Method of identifying compounds having antiepileptic anticonvulsant or anxiolytic activities, Civelli, O., Martin, J.R., Monsma, F., Moreau, J.L., Nothacker, H.P., Reinscheid, R.
23. US 6,342,360, January 29, 2002, Dopamine receptors and genes, Civelli, O., Bunzow, J.R., Grandy,

- D.K., Machida, C.A.
24. US 6,383,764, May 7, 2002, Methods of identifying compounds for controlling absence seizures in a mammal relating to prolactin-releasing peptide (PrRP), Civelli, O., Lin, S.
 25. US 6,406,866, June 18, 2002. Method of screening of a compound for binding MSOR, Grandy, D.K., Bunzow, J.R., Civelli, O., Reinscheid R.K., Nothacker, H.P., Monsma, F.J.
 26. US 6,790,608, September 14, 2004, Methods of identifying an ADP-glucose receptor ligand, agonist or antagonist, Civelli, O., Nothacker, H.P., Wang, Z., Reinscheid, R.K.
 27. US 6,884,596 B2, April 26, 2005, Screening and therapeutic methods for promoting wakefulness and sleep, Civelli, O., Lin, S.
 28. WO 2005/094817 A1, October 13, 2005. Melanin-concentrating hormone receptor antagonists and methods of use, Civelli, O., Nagasaki, H., Houghten, R.A., Dooley, C., Nefzi, A.
 29. US 7,022,816, April 27, 2006. Dopamine receptors and genes, Civelli, O., Bunzow, J.R., Grandy, D.K., Machida, C.A.
 30. US 9,012,407, April 21, 2015, Therapies which act on neuropeptide S receptors, Civelli, O., Reinscheid, R.K, Xu, Y.

Academic services

Grant Reviews:

1988-1992	Medical Research Foundation of Oregon, Oregon
1989	NINCDS study section, USA
1990	National Institute on Aging study section, USA
1990, 2003	National Institute of Mental Health study section, USA
1992, 2001, 2005, 2006	National Science Foundation, USA
1992-present	Swiss National Foundation, Switzerland
1993	INSERM, France
1994-present	The Wellcome Trust, England
1997	Board of Scientific Counselors, NINDS, USA
1997	Board of Scientific Counselors, NIMH, USA
2000, 2004, 2009	National Institute of Diabetes and Digestive and Kidney Diseases, Special Emphasis Panel, USA
2000	National Institute on Drug Abuse, USA
2001-present	Biotechnology and Biological Sciences Research Council, England
2001, 2013	Netherlands Organization for Scientific Research, Netherlands
2002-present	UC Discovery, California
2002-present	Italian Ministry for Education University and Research, Italy
2003	Cottrell Scholar Awards, University of Delaware, Delaware
2005, 2007	Neurological Foundation of New Zealand, New Zealand
2005, 2006, 2008	NIH Special Emphasis Panel study section, USA
2005	Excellence Centers, University Libre de Bruxelles, Belgium
2005	The Ontario Mental Health Foundation, Canada
2007-present	Agence Nationale de la Recherche, INSERM, France
2007-present	Georgia National Science Foundation, Georgia
2008, 2013	Fonds zur Foerderung der wissenschaftlichen Forschung, Austria
2008-present	Qatar National Research Fund, Qatar
2009	NIH Shared Instrumentation study section
2009, 2010, 2014	NIDA Cebra grants review panel
2010-2011	College of CSR Reviewers, NIH
2012	Fast Forward, EMD-Serono collaboration
2013	Max-Planck-Gesellschaft zur Förderung der Wissenschaften, Germany
2015	Research Grant Council (RGC) of Hong Kong
2016	InterUniversity Attraction Poles, Belgian Science Policy, Belgium

Administrative Committees:

1987-1992	Chair, Vollum Institute Friday Seminar Series
1987-1988	Member, Search Committee for Director of the Vollum Institute
1988-1992	Member, Oregon Health Sciences University Research Committee
1988-1989	Member, Animal Care Committee, Oregon Health Sciences University

1988-1989 Member, Education Committee Mol and Cell Biology Graduate Program
 1992-present Member, Dopamine Receptor IUPHAR Committee
 1996 Chair, Search Committee for Pharmacology Department position, UC Irvine
 1996-2003 Member, Learned Societies, Bren Fellows Program, UC Irvine
 1996-present Member, Opioid Receptor IUPHAR Committee
 1997-2007 MSTP Admissions Committee, UC Irvine
 1997 Member, Search Committee Pharmacology Department position, UC Irvine
 1997-1999 Chair, Graduate Program Department of Pharmacology, UC Irvine
 1997-2005 Dean's Research Advisory Group, School of Medicine, UC Irvine,
 1998-2001 University Research Park Ad Hoc Faculty Committee, UC Irvine
 1998-2005 Promotions and Honors Committee, School of Medicine, UC Irvine
 1999-2002 Parkinson's Disease Task Force, School of Medicine, UC Irvine
 2000-present Head, HTS Service & sales, UC Irvine
 2001 Member, Search Committee for Chair Pharmacology Department, UC Irvine
 2002-2004 Member, Academic Senate, UC Irvine
 2002-2003 Organizer, Student Exchange Program UC Irvine-University Strasbourg, France
 2003-2007 Member, Graduate Program committee, Department of Pharmacology, UC Irvine
 2004-present Member, NPS Receptor IUPHAR Committee
 2005-2008 Head, Proteomics Service & Sales, UC Irvine
 2005-2008 Member, Nomination Committee, Division of Neuropharmacology, ASPET
 2005-2008 Member, Committee on International Education, UC Irvine
 2006-2011 Member, Admissions & Financial Aid committee, School of Medicine, UC Irvine
 2007-2011 Admission director & graduate program advisor, Department of Pharmacology, UC Irvine
 2007-2011 Chair Executive Committee, Graduate Program, Department of Pharmacology, UC Irvine
 2008-present Member, Executive Committee, Medicinal Chemistry and Pharmacology graduate program
 2008 Member, Molecular Biomedicine Graduate Program Work Group, UC Irvine
 2009-2015 Chair, School of Medicine Graduate Studies Advisory Committee, UC Irvine
 2010-2011 Chair, Graduate Program Committee, School of Medicine, College of Health sciences, UC Irvine
 2010-2015 Member, Executive Committee, School of Medicine, College of Health Sciences, UC Irvine
 2013-present Member, Dean Research Advisory Group, College of Health Sciences, UC Irvine
 2013-2015 Alternate Representative to the Universitywide Assembly, Academic Senate, UC Irvine
 2014 Member, Committee for the review of the Chair and department of Pharmacology, UC San Diego
 2015-2021 Chair, Committee on Scholarly Honors and Awards, Academic Senate, UC Irvine
 2020-2023 Member, Distinction Committee, UC Irvine
 2020-present Member, Dean's leadership cabinet
 2022-present Member, Curriculum Committee, School of Pharmacy and Pharmaceutical Sciences, UC Irvine
 2023-present Chair, Space Resource Allocation Advisory Committee, COHS
 2024-present Chair, Award committee, School of Pharmacy and Pharmaceutical Sciences, UC Irvine

Community services:

1999-2007 Biotechnology Advisory Board, Orange Coast College, Irvine, California

Industrial experience

Research & Development Boards

1992-1994 Preclinical Pharma R&D Board, F. Hoffmann-La Roche, Basel
 1994-1996 CNS Department, F. Hoffmann-La Roche, Basel

Company founder:

1999 NeoGene Technologies, Irvine, California
 2002 Clavis Pharmaceuticals, Irvine, California

Scientific Boards:

1990-1992 Pharmavene, Inc., Gaithersburg, Maryland
 1999-2002 NeoTherapeutics, Irvine, California
 1999-2002 NeoGene Technologies, Irvine, California

2004-2006 Nura Inc., Seattle, Washington
 2005-2009 Multispan, Hayward, California
 2010-2014 NeurAccel Biosciences

Industrial Consultant:

1989-1990 Cambridge NeuroScience Research, Inc., Cambridge, Massachusetts
 1991-1992 Bender & Co. GmbH, Vienna, Austria
 1999-2000 F. Hoffmann-La Roche, Basel, Switzerland
 2001-2005 Pfizer Inc, Groton, Connecticut
 2002-2006 Acadia Pharmaceuticals, San Diego, California
 2004-2006 PerkinElmer, Boston, Massachusetts
 2004-2005 Chemicon, Temecula, California
 2007 Omeros, Seattle, Washington
 2008 Chemizon, Gyeonggi-Do, Korea

Advisor

2000-present NeuroInvestment, Rye, New Hampshire
 2005-present Network of Advisors, New York, New York

Administrative Committees:

1994-1996 Chair, CNS Department Seminar Series, F. Hoffmann-La Roche, Basel,

Editorships and manuscript reviewer

Editorial Board:

1991-2005 Journal of Receptor Research
 1991-1994 Journal of Neurochemistry
 1994-present Journal of Molecular Neuroscience
 1998-present Current Genomics, Associate Editor
 1998-2010 European Neuropsychopharmacology, Editor
 2001-2002 Molecular Interventions
 2001-present International Journal of Molecular Medicine
 2002-2008 European Journal of Pharmacology
 2007-present Current Molecular Pharmacology
 2007-present The Open Zoology Journal
 2008-present Signal Transduction Insights
 2009-present The Open Drug Discovery
 2012-present PeerJ
 2017-present Open Pharmaceutical Sciences Journal

Editorial Consultant

Endocrinology, Molecular Pharmacology, Trends in Neuroscience, Molecular Endocrinology, Proceedings National Academy Sciences, USA, Nature, Molecular and Cellular Neuroscience, Journal of Biological Chemistry, Journal of Neuroscience, Receptors and Channels, Brain Research, Neuron, Science, Gene, American Journal of Psychiatry, Molecular Psychiatry, Archive General Psychiatry, Current Genomics, Drug discovery today, European Journal of Neuroscience, European Journal of Pharmacology, Gene, Genomics, Journal of Comparative Neurology, Journal of Molecular Neuroscience, Journal of Medicinal Chemistry, Journal of Neurochemistry, Neuropharmacology, Trends in Metabolism, Pharmacogenomics, Biochemical Pharmacology, European Journal of Neuroscience, Journal of Pharmacology and Experimental Therapeutics, Neuropsychopharmacology, Nature Biotechnology, British Journal of Pharmacology, Nature Biotechnology, Biological Psychiatry, Frontiers Psychiatry

Professional Society Memberships

American Association of the Advancement of Science

American Society for Neuroscience
 European Neuroscience Association
 European College of Neuropsychopharmacology
 American Society for Pharmacological and Experimental Therapeutics
 Endocrine Society
 Catecholamine Club
 American College of Neuropsychopharmacology, Fellow

Invited Presentations

1976 Workshop on "Cytoplasmic control of protein synthesis", Cambridge, England
 1982 Gordon Conference on Neural Plasticity, Brewster Academy, New Hampshire
 1983 Winter Neuropeptide Conference, Breckenridge, Colorado
 1983 5th Blankenese Conference, Hamburg, Germany
 1984 NIDA Symposium on Opioid Peptides, Bethesda, Maryland
 1986 Symposium on "Progress in Endocrinology: Regulatory Proteins and Their Receptors",
 Greenville, North Carolina
 1987 Ciba-Geigy, Ltd., Basel, Switzerland
 1988 NATO Workshop on Molecular Biology of Neuroreceptors and Ion Channels, Santorini, Greece
 1988 Sandoz, Ltd, Basel, Switzerland
 1989 FASEB Meeting, New Orleans, Louisiana
 1989 West Coast College of Biological Psychiatry, Mt. Hood, Oregon
 1989 Ataxia-telangiectasia Workshop IV, Newport Beach, California
 1989 Zymogenetics, Inc., Seattle, Washington
 1989 Society for Industrial Microbiology Annual Meeting, Seattle, Washington
 1989 Schering-Plough Research, Bloomfield, New Jersey
 1989 National Institute of Mental Health, Bethesda, Maryland
 1989 NIDA Review Meeting on "Molecular Approaches to Drug Abuse Research", Bethesda, Maryland
 1989 Pfizer Lecture, Institut de Recherches Cliniques de Montreal, Montreal, Canada
 1989 Karolinska Institute, Stockholm, Sweden
 1989 Uppsala University, Biomedical Center Seminar Series, Stockholm, Sweden
 1989 Stanford University, Department of Pharmacology Seminar Series, Stanford, California
 1989 Society of Neuroscience Annual Meeting, Phoenix, Arizona
 1989 University of Milan, Department of Pharmacology, Milan, Italy
 1990 University of California, Irvine, Department of Pharmacology, Irvine, California
 1990 VI PAABS Meeting, Sao Paulo, Brazil
 1990 FASEB Meeting, Washington, D.C.
 1990 University of California, San Francisco, Department of Physiology, San Francisco, California
 1990 2nd International Congress of Neuroendocrinology, Bordeaux, France
 1990 2nd National Parkinson Foundation International Conference, Miami, Florida
 1991 Parke Davis Pharmaceutical Research, Ann Arbor, Michigan
 1991 Astra Research Centre AB, Sodertalje, Sweden
 1991 Distinguished Speaker Series, Department of Pharmacology, University of Toronto, Toronto, Canada,
 1991 University of California, San Diego, Neuroscience Graduate Program, San Diego, California
 1991 A Review Meeting on "Molecular Approaches to Drug Abuse Research", Bethesda, Maryland,
 1991 Hoechst-Roussel Pharmaceuticals Inc., Somerville, New Jersey
 1991 NIDA Addiction Research Center Conference on "D₂ Receptor Alleles in Substance Abuse",
 Baltimore, Maryland
 1991 Troponwerke Company, Koln, Germany
 1991 Janssen Research Foundation, Beerse, Belgium
 1991 University of Nijmegen, Nijmegen, Netherlands
 1991 Chairman of the symposium on "Molecular Biology of the Dopamine System: Heterogeneity of the
 Dopamine Receptors", Society of Neuroscience Annual Meeting, New Orleans, Louisiana
 1991 Oregon Health Sciences University, "Science on the Hill: A Research Celebration", Portland, Oregon,
 1992 The Honors Program, New York University Medical Center, Robert and Adele Blank Lectureship,
 New York, New York
 1992 5th Swiss Workshop of Methodology in Receptor Research, Agno-Lugano, Switzerland
 1992 Chairman of the symposium on "Molecules of Substance Abuse", INRC, Keystone, Colorado
 1992 Presidential Lecture, Society of Neuroscience Annual Meeting, Anaheim, California
 1993 Basel Institute for Immunology, Basel, Switzerland

- 1993 Chairman of the session on "Molecular Genetics and Receptor Subtypes", First International Congress on Hormones, Brain and Neuropsychopharmacology, Rhodes, Greece
- 1993 AGNP Annual Meeting, Nuremberg, Germany
- 1993 Harvard Medical School - Roche Workshop, Nutley, New Jersey
- 1993 University of Zürich, Institute of Pharmacology, Zürich, Switzerland
- 1993 Biocentrum, University of Basel, Basel, Switzerland
- 1994 Geriatric Research Club, Kantonsspital Basel, Basel, Switzerland
- 1994 6th Swiss Workshop of Methodology in Receptor Research, Verbier, Switzerland
- 1994 Keynote speaker, 2nd Retraite of the Research School "Pathophysiology of the Nervous System", Doorwerth, Netherlands
- 1994 Chairman of the symposium "The novel dopamine receptor subtypes", XIXth CINP, Washington DC
- 1994 Chairman of the symposium on "The dopamine receptors: Molecular biology and structure and function", Dopamine 94 meeting, Quebec City, Canada
- 1994 10th European Society for Neurochemistry meeting, Jerusalem, Israel
- 1994 Marcus Wallenberg Symposium "Towards a rational drug treatment of schizophrenia", Goteborg, Sweden
- 1994 7th Congress of the Association of European Psychiatrists, Copenhagen, Denmark
- 1994 Novo-Nordisk, Malov, Denmark
- 1994 Chairman of the symposium on "Dopamine receptor subtypes", VIIth Congress of the European College of Neuropsychopharmacology, Jerusalem, Israel
- 1994 Department of Psychiatry, University of Milan, Milan, Italy
- 1996 7th Swiss Workshop of Methodology in Receptor Research, Meiringen, Switzerland
- 1996 Conference on "Dopamine receptor subtypes: from basic science to clinic", Antalya, Turkey
- 1996 INRC, Long Beach, California
- 1996 IXth Congress of the European College of Neuropsychopharmacology, Amsterdam, Holland
- 1996 2nd Congress of the European Neuroscience Society, Strasbourg, France
- 1996 Roche Bioscience, Palo Alto, California
- 1996 35th Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico
- 1997 University of California, Los Angeles, Department of Medicine, Los Angeles, California
- 1997 Keynote speaker, Michigan Chapter of the Society for Neuroscience, University of Michigan, Ann Arbor, Michigan
- 1997 Summer Neuropeptide Conference, Key West, Florida
- 1997 Neurocrine Inc., San Diego, California
- 1997 Chairman of the symposium on "Orphanin receptor and its endogenous ligand", INRC 97, Hong-Kong, PRC
- 1997 10th Congress of the European College of Neuropsychopharmacology, Vienna, Austria
- 1997 First Dean's Distinguished Lectureship Seminar, University of California, Irvine, California
- 1997 The Medical Scientist Lecture Series, University of California, Irvine, California
- 1998 18th Blankenese Conference, Hamburg, Germany
- 1998 60th Annual Meeting of the College on Problems of Drug Dependence, Scottsdale, Arizona
- 1998 Astra Research Centre, Montreal, Canada
- 1998 Boehringer Ingelheim Pharma KG, Biberach, Germany
- 1999 42nd Annual Meeting of the Western Pharmacology Society, Maui, Hawaii
- 1999 Hoechst-Marion Roussel GPCR Workshop, Princeton, New Jersey
- 1999 Amgen Corporation, Thousand Oaks, California
- 1999 9th Annual Meeting of the European Neuropeptide Club, Ferrara, Italy
- 1999 University of Bologna, Department of Pharmacology, Bologna, Italy
- 1999 University of Antwerp, Department of Neurobiology, Antwerp, Belgium
- 1999 Millenium Pharmaceuticals, Boston, Massachusetts
- 1999 "Neuropeptides at the Millenium" symposium, Miami, Florida
- 1999 Molecular Genetics of Mental Disorders, Castres, France
- 1999 Christmas Lecture, University of Basel, Switzerland
- 2000 Pfizer Inc, Boston, Massachusetts
- 2000 Eli Lilly, Indianapolis, Indiana
- 2000 Medicon Valley BioConference 2000, Malmoe, Sweden
- 2000 6th International Dahlem Symposium, Berlin, Germany
- 2000 Francqui Foundation colloquium on "G protein-coupled receptors", Brussels, Belgium
- 2001 California Institute of Technology, Department of Biology, Pasadena, California
- 2001 Symposium on "Hormone Discovery" to mark the 100th anniversary of the isolation and crystallization of adrenaline, 83rd Annual Meeting of the Endocrine Society, Denver, Colorado
- 2001 Club des recepteurs a sept domaines transmembranaires and Great Lake G protein-coupled

receptor retreat, Bromont, Quebec, Canada
2001 Ottawa Health Research Institute, Ottawa, Canada
2002 Orphan & nuclear receptors, Knowledge Foundation, San Diego, California
2002 Acadia Pharmaceuticals, San Diego, California
2002 15th Congress of the European College of Neuropsychopharmacology, Barcelona, Spain
2002 GPCR meeting, Tarrytown, New Jersey
2002 Lundbeck Foundation Lecture, Copenhagen, Denmark
2003 Gordon Conference on Molecular Pharmacology, Ventura, California
2003 42nd Annual Meeting of the American College of Neuropsychopharmacology, San Juan, Puerto Rico
2004 Keystone symposium "G protein-coupled receptors" Taos, New Mexico
2004 Nura Inc, Seattle, Washington
2004 25th Blankenese Conference, Hamburg, Germany
2004 Organon Inc, Newhouse, Scotland
2005 Chairman of the symposium on "Orphan GPCRs", 14th Annual ScreenTech meeting, San Diego, California
2005 Berlex-GPCR symposium, Richmond, California
2005 University of California, San Diego, Department of Pharmacology, San Diego, California.
2006 Saitama Medical School, Moroyama, Saitama, Japan
2006 Takeda Pharmaceutical Company Limited, Tsukuba, Ibaraki, Japan
2006 Astellas Pharma, Tsukuba, Ibaraki, Japan
2006 3rd GPCR meeting, Tokyo, Japan
2006 Taisho Pharmaceuticals, Saitama, Japan
2006 Department of Anatomy, Showa University School of Medicine, Tokyo, Japan
2006 Department of Metabolic Medicine, Nagoya University School of Medicine, Nagoya, Japan
2006 Osaka Bioscience Institute, Osaka, Japan
2006 Department of Biochemistry, National Cardiovascular Center Research Institute, Osaka, Japan
2006 Suntory Institute for Bioorganic Research, Wakayamadai, Mishima, Japan
2006 Department of Molecular Pharmacology and Neuroscience, Nagasaki University School of Pharmaceutical Sciences, Nagasaki, Japan
2006 Institute of Life Science, Kurume University, Kurume, Fukuoka
2006 Department of Microbiology, Pukyong National University, Pusan, Korea
2006 School of Biological Sciences, Seoul National University, Seoul, Korea
2006 RIKEN Brain Science Institute, Wako, Saitama, Japan
2006 Distinguished Lecture Series in Biology and Chemistry, Genomics Institute of the Novartis Research Foundation, San Diego, California
2007 Gordon Conference on Molecular Pharmacology, Ventura, California
2007 Invitrogen, Madison, Wisconsin
2007 Co-Chair, 3rd GPCR symposium, Experimental Biology 2007, Washington, DC
2007 Featured Speaker, Drug Discovery Chemistry 2007, Cambridge Healthtech Institute, San Diego, California
2007 Life Sciences 2007, Glasgow, UK
2007 16th Camerino-Noordwijkerhout symposium, Camerino, Italy
2007 The Sigfried and Janet Weis Center for Research, Danville, Pennsylvania
2007 Nutritional Sciences Symposium, Irvine, California
2007 Chair, Panel "Novel neuropeptides in the regulation of sleep", 46th Annual Meeting of the American College of Neuropsychopharmacology, Boca Raton, Florida
2008 Co-Chair, Keystone Symposium "G protein-coupled receptors: new insights in functional regulation and clinical application" Killarney, Ireland
2009 Plenary Lecture, 17th International symposium on Regulatory Peptides, Santa Barbara, California
2009 Department of Chemistry and Biochemistry, California State University, Long Beach, California
2009 UC Irvine Inaugural research symposium, University of California, Irvine, California
2009 Chinese Academy of Sciences Symposium on Herbalome, Dalian, Peoples Republic of China
2009 Chemizon, Beijing, Peoples Republic of China
2009 School of Life Sciences and Biotechnology, Korea University, Seoul, Korea
2009 Plenary lecture, 9th International Symposium on VIP, PACAP and related peptides, Kagoshima, Japan
2010 14th International Congress of Endocrinology, Kyoto, Japan
2010 GPCR2010, Neuroendocrine functions of GPCRs, Kyoto, Japan
2010 Graduate School of Integrated Arts and Sciences Hiroshima University, Hiroshima, Japan
2010 Medical school, University of Hiroshima, Hiroshima, Japan
2010 Kansai Medical University, Osaka, Japan

- 2011 Chinese Academy of Sciences, Dalian, Peoples Republic of China
- 2011 Nantong University, Nantong, Peoples Republic of China
- 2011 Istituto Italiano di Tecnologia, Genova, Italy
- 2012 Beijing University, Department of Pharmacology, Beijing, Peoples Republic of China
- 2012 Institute of Materia Medica, Beijing, Peoples Republic of China
- 2012 SK Chemicals, Gyeonggi-do, Korea
- 2013 Plenary lecture, Japan Endocrine Society Summer Seminar, Yufuin, Japan
- 2013 University of Miyasaki, Miyasaki, Japan
- 2014 Plenary speaker, International Society for Neurochemistry, Tokyo, Japan
- 2015 Jiangsu Province Hospital of Traditional Chinese Medicine, Nanjing, Peoples Republic of China
- 2015 Shanghai Jiao Tong University, Shanghai, Peoples Republic of China
- 2015 Amgen Corporation, Thousand Oaks, California
- 2015 Co-Chair, Panel "Orphan GPCRs and Psychiatric Disorder", 54th Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, Florida
- 2016 ENDO 2016, Boston, Massachusetts
- 2018 Plenary Speaker, International GPCR symposium, World Congress in Pharmacology, Kyoto, Japan
- 2018 DICP-CMC Innovation Institute of Medicine, Taizhou, Peoples Republic of China
- 2021 Virtual FASEB Science Research Conference (VSRC)

Publications

Research Papers:

1. **Civelli, O.**, Vincent, A., Buri, J.F. and Scherrer, K. (1976) Evidence for a translational inhibitor linked to globin mRNA in untranslated free cytoplasmic messenger ribonucleoprotein complexes. FEBS Letters, 72:71-76.
2. Vincent, A., **Civelli, O.**, Buri, J.F. and Scherrer, K. (1977) Correlation of specific coding sequences with specific proteins associated in untranslated cytoplasmic messenger ribonucleoprotein complexes of duck erythroblasts. FEBS Letters, 77:281-286.
3. Goodridge, A.G., **Civelli, O.**, Yip, C. and Scherrer, K. (1979) Synthesis of albumin and malic enzyme in wheat germ lysates and *Xenopus laevis* oocytes programmed with chicken liver messenger RNA. European Journal of Biochemistry, 96:1-8.
4. Maundrell, K., Maxwell, E.S., **Civelli, O.**, Vincent, A., Goldenberg, S., Buri, J.F., Imaizumi-Scherrer, T. and Scherrer, K. (1979) Messenger ribonucleoprotein complexes in avian erythroblasts: Carriers of post-translational regulation. Molecular Biology Reports, 5:43-51.
5. **Civelli, O.**, Vincent, A., Maundrell, K., Buri, J.F. and Scherrer, K. (1980) The translational repression of globin mRNA in free cytoplasmic ribonucleoprotein complexes. European Journal of Biochemistry, 107:577-585.
6. Vincent, A., **Civelli, O.**, Maundrell, K. and Scherrer, K. (1980) Identification and characterization of the translationally repressed cytoplasmic globin messenger ribonucleoprotein particles from duck erythroblasts. European Journal of Biochemistry, 112:617-633.
7. Weill, J.C., Leca, G., Vincent, A., **Civelli, O.** and Pouliquen, Y. (1980) Messenger RNA from cataractous lens proteins are also present on normal lens polyribosomes. European Journal of Biochemistry, 111: 593-601.
8. Vincent, A., Goldenberg, S., Standart, N., **Civelli, O.**, Imaizumi-Scherrer, M.T., Maundrell, K. and Scherrer, K. (1981) Potential role of mRNP proteins in cytoplasmic control of gene expression in duck erythroblasts. Molecular Biology Reports, 7:71-81.
9. Herbert, E., Birnberg, N., **Civelli, O.**, Lissitzky, J-C. and Uhler, M. (1981) Pro-opiomelanocortin: A model for the regulation of expression of neuropeptides in pituitary and brain. Neuroscience Newsletter, 12(5): 16-27.

10. **Civelli, O.**, Birnberg, N. and Herbert, E. (1982) Detection and quantitation of pro-opiomelanocortin mRNA in pituitary and brain tissues from different species. Journal of Biological Chemistry, 257:6783-6787.
11. Imaizumi-Scherrer, M.T., Maundrell, K., **Civelli, O.** and Scherrer, K. (1982) Transcriptional and post-transcriptional regulation in duck erythroblasts. Developmental Biology, 93:126-138.
12. Maundrell, K., Imaizumi-Scherrer, M.T., Maxwell, E.S., **Civelli, O.** and Scherrer, K. (1983) Messenger RNA for the 73000-dalton poly (A)-binding protein occurs as translationally repressed mRNP in duck reticulocytes. Journal of Biological Chemistry, 258:1387-1390.
13. **Civelli, O.**, Birnberg, N., Comb, M., Douglass, J., Lissitzky, J-C., Uhler, M. and Herbert, E. (1983) Regulation of opioid gene expression. Peptides, 4:651-656.
14. **Civelli, O.**, Douglass, J., Goldstein, A. and Herbert, E. (1985) Sequence and expression of the rat prodynorphin gene. Proceeding of the National Academy of Science, USA, 82:4291-4295.
15. Martens, G., **Civelli, O.** and Herbert, E. (1985) Nucleotide sequence of cloned cDNA for Pro-opiomelanocortin in the amphibian *Xenopus laevis*. Journal of Biological Chemistry, 260:13685-13689.
16. Khachaturian, H., Sherman, T.G., Lloyd, R.V., **Civelli, O.**, Douglass, J., Herbert, E., Akil, H. and Watson, S.J. (1986) Pro-dynorphin is endogenous to the anterior pituitary and is co-localized with LH and FSH in the gonadotrophs. Endocrinology, 119:1409-1411.
17. Sherman, T.G., **Civelli, O.**, Douglass, J., Herbert, E. and Watson, S.T. (1986) Coordinate expression of hypothalamic pro-dynorphin and pro-vasopressin mRNAs with osmotic stimulation. Neuroendocrinology, 44:222-228.
18. Sherman, T.G., **Civelli, O.**, Douglass, J., Herbert, E., Burke, S. and Watson, S.J. (1986) Hypothalamic dynorphin and vasopressin mRNA expression in normal and Battleboro rats. Federation Proceedings, 45:2323-2327.
19. Douglass, J., Cox, B., Quinn, B., **Civelli, O.** and Herbert, E. (1987) Expression of the prodynorphin gene in male and female mammalian reproductive tissues. Endocrinology, 120:707-713.
20. **Civelli, O.**, Machida, C., Bunzow, J., Albert, P., Hanneman, E., Salon, J., Bidlack, J. and Grandy, D. (1987) The next frontier in the molecular biology of the opioid system: The opioid receptors. Molecular Neurobiology, 1:373-391.
21. Sivam, S.P., Takeuchi, K., Li, S., Douglass, J., **Civelli, O.**, Calvetta, L., Herbert, E., McGinty, J.F. and Hong, J.S. (1988) Lithium increases dynorphin A (1-8) and prodynorphin mRNA levels in the basal ganglia of rats. Molecular Brain Research, 3:155-164.
22. Sherman, T.G., Day, R., **Civelli, O.**, Douglass, J., Herbert, E., Akil, H. and Watson, S.J. (1988) Regulation of hypothalamic magnocellular neuropeptides and their mRNAs in the Brattleboro rat: Coordinate responses to further osmotic challenge. Journal of Neuroscience, 8:3785-3796.
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24. Bunzow, J.R., Van Tol, H.H., Grandy, D.K., Albert, P., Salon, J., Christie, M., Machida, C., Neve, K.A. and **Civelli, O.** (1988) Cloning and expression of a rat D₂ dopamine receptor cDNA. Nature, 336:783-787.
25. Machida, C.A., Bunzow, J., Hanneman, E., Grandy, D. and **Civelli, O.** (1989) Replica filter screening technique to detect transfected cells expressing β_2 -adrenergic receptor. DNA, 8:447-455.
26. Neve, K.A., Henningsen, R.A., Bunzow, J.R. and **Civelli, O.** (1989) Functional characterization of

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 28. Grandy, D.K., Litt, M., Allen, L., Bunzow, J.R., Marchionni, M., Makam, H., Reed, L., Magenis, E. and **Civelli, O.** (1989) The human dopamine D₂ receptor gene is located on chromosome 11 at q22-q23 and identifies a *TaqI* RFLP. American Journal of Human Genetics, 45:778-785.
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 34. Bates, M.D., Gingrich, J.A., Bunzow, J.R., Falardeau, P., Dearry, A., Senogles, S.E., **Civelli, O.** and Caron, M. (1990) Molecular characterization of dopamine receptors. American Journal of Hypertension, 3:29S-33S.
 35. Gelernter, J., Pakstis, A.J., Pauls, D.L., Kurlan, R., Ganther, S.T., **Civelli, O.**, Grandy, D.K. and Kidd, K.K. (1990) Gilles de la Tourette syndrome is not linked to D₂ dopamine receptor. Archives of General Psychiatry, 47:1073-1077.
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 38. Mansour, A., Meador-Woodruff, J.H., Bunzow, J.R., **Civelli, O.**, Akil, H. and Watson, S.J. (1990) Localization of dopamine D₂ receptor mRNA and D₁ and D₂ receptor binding in the rat brain and pituitary: An *in situ* hybridization-receptor autoradiographic analysis. Journal of Neuroscience, 10:2587-2600.
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