

**CURRICULUM VITAE
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ACADEMIC BACKGROUND

1977 Bachelor of Arts in Classical Studies, University of Naples, Italy
1982 Pharm.D., *magna cum laude*; University of Naples, Italy
1988 Ph.D. in Pharmacology, Columbia University, New York

PROFESSIONAL EXPERIENCE

2016 Founder, Neokera Pharmaceuticals LLC, Irvine, California
2013 Founder, Anteana Therapeutics Inc., San Diego, California
2012 Founder, Thesan Pharmaceuticals, Inc., San Clemente, California
7/12-present Professor, Anatomy and Neurobiology, University of California Irvine
1/07-8/16 Founding Director, Drug Discovery and Development, Italian Institute of Technology,
Genoa, Italy
7/05-present Louise Turner Arnold Chair in the Neurosciences
7/05-present Professor, Biological Chemistry; University of California, Irvine
2001-present Fellow, Center for the Neurobiology of Learning and Memory; University of California,
Irvine
2000-2007 Founder, Kadmus Pharmaceuticals, Inc., Irvine
7/00-7/12 Professor, Pharmacology; University of California, Irvine
9/98-7/00 Associate Professor, Pharmacology; University of California, Irvine
2/95-9/98 Senior Fellow and Lab Head; The Neurosciences Institute, San Diego, California
8/92-2/95 Directeur de Recherche, INSERM; Paris, France
9/90-8/92 Chargé de Recherche, INSERM; Paris, France
5/88-8/90 Postdoctoral Associate, The Rockefeller University, New York
12/87-5/88 Postdoctoral Fellow, Columbia University, New York

AWARDS AND HONORS

Dec. 2015 Fellow, American College of Neuropsychopharmacology
Nov. 2012 Honorary Medical Doctoral degree, Goethe University, Frankfurt, Germany
Sept. 2012 European Lipid Science Award, European Federation of Lipid Science
Aug. 2009 Chair, Gordon Research Conference, Cannabinoid Function in the CNS, Biddeford, ME

Apr. 2009 National Alliance for Research on Schizophrenia and Depression (NARSAD)
Distinguished Investigator Award
April 2008 Chair, NIDA Scientific Director Review, Baltimore, MD
May 2005 National Alliance for Research on Schizophrenia and Depression (NARSAD)
Distinguished Investigator Award
Oct. 2003 Member of the NIDA Delegation to the Office of Drug Control Policy (ONDCP)
July 2002 Chancellor Scholar; University of California, Irvine
July 2002 International Kemali Foundation Prize in Neurosciences
May 2002 Grass Traveling Fellowship
Sept 2001 NIH Independent Investigator Award
June 2001 Course Director; International School of Immunology, "Ruggero Ceppellini"
June 1999 National Alliance for Research on Schizophrenia and Depression (NARSAD)
Independent Investigator Award

RECENT FEDERAL AND OTHER RESEARCH SUPPORT

August 2016 NIA- R21AG052336: "A Protective role for 2-AG in age-dependent cognitive impairment". (P.I., D. Piomelli)
April 2016 NIDA-Cutting-Edge Basic Research Awards (CEBRA) 1R21DA041776; Lipidomics analysis of identified single neurons in the adult rodent brain. (P.I., D. Piomelli)
July 2015 NIH-STTR/ Anteana Therapeutics, Inc., R41DK104489; "A new treatment for NSAID-associated gastrointestinal damage" (P.I., D. Piomelli)
April 2015 NIH-SBIR/Anteana Therapeutics, Inc., 1R43NS092123: "NAAA Inhibitors for pain and inflammation" (P.I., D. Piomelli)
July 2014 Foundation for Prader-Willi Research, "Role of the lipid-derived satiety factor, oleoylethanolamide, in Prader-Willi syndrome" (P.I., D. Piomelli)
July 2014 Department of Defense, G#12-01517: "Evaluation of the Safety and Efficacy of the FAAH Inhibitor URB597" (P.I., D. Piomelli)
2013-2014 NIH-STTR/Anteana Therapeutics Inc., R41DA033683: "Peripheral FAAH as a target for novel analgesics" (P.I., D. Piomelli)
2013-2014 American Asthma Foundation, Sandler, AW#13-PIOM-EX1: "NAAA inhibition as a therapeutic strategy for asthma" (P.I., D. Piomelli)
2013-2013 Thesan Pharmaceuticals, Inc., TPI-55667: "Identification of anti-inflammatory NAAA and FAAH inhibitors" (P.I., D. Piomelli)
2012-2013 NIH-SBIR/ Thesan Pharmaceuticals, Inc., R43 AG042808: "Novel Therapeutic Approach for Pressure Ulcers" (P.I., D. Piomelli)
2011-2012 UC Discovery: "A novel treatment of chronic pain" (P.I., D. Piomelli)
2010-2015 NIH/National Institute on Drug Abuse (NIDA), DP1 DA031387: "Optimization and preclinical development of FAAH inhibitors for smoking cessation" (P.I., D. Piomelli)
2009-2012 NIDA Grant RC2 DA028902: "Lipid biosignatures of drug addiction" (P.I., D. Piomelli)
2009-2010 NARSAD Grant 44582: "The endocannabinoid system as a source of novel anti-anxiety medicines" (P.I., D. Piomelli)
2008-2011 Alzheimer's Association Grant IIRG-08-92000: "Deficits in Anandamide Signaling Underlie Cognitive Dysfunction in Alzheimer's Disease" (P.I., K. M. Jung)
2007-2012 NIAAA Grant RL1 AA017538: "Role of endocannabinoid signaling in stress-coping behavior" (P.I., D. Piomelli)
2007-2011 NIDDK Grant R01 DK073955: "Role of oleoylethanolamide in the control of food intake" (P.I., D. Piomelli)
2006-2011 NIDA Grant R01 DA021644: "An endocannabinoid mechanism for stress-induced analgesia" (P.I., A. Hohmann)
2006-2008 NIDA Grant R21 DA022478: "Endocannabinoid analgesia: an *in vivo* gene transfer-lipidomics approach" (P.I., A. Hohmann)

2006-2010	NIDA Grant R21 DA022702: "Role of endocannabinoids in the behavioral consequences of social isolation" (P.I., D. Piomelli)
2005-2006	NARSAD Grant 36738: "The Endogenous Cannabinoid System as a Regulator of Anxiety" (P.I., D. Piomelli)
2005-2006	NIDDK Grant R41 DK070347: "Oleoylethanolamide Derivatives as Anti-obesity Agents" (P.I., D. Piomelli)
2003-2007	University of California Discovery Grant 02-10337/Kadmus Pharm., Inc. KP-34041: "Selective Inhibitors of Endogenous Cannabinoid Inactivation as Therapeutic Agents" (P.I., D. Piomelli)
2003-2007	Kadmus Pharmaceuticals, Inc. Contract 34999: "Oleoylethanolamide as a Therapeutic Agent" (P.I., D. Piomelli)
2002-2006	Sandler Asthma Foundation Grant 02-0075: "Endogenous Cannabinoids as Modulators of Bronchial Responsiveness" (P.I., D. Piomelli)
2001-2008	NIDA Training Grant T32 DA007318: "The Neurobiology of Substance Abuse" (P.I., D. Piomelli)
2001-2007	NIDA P01 DA009158 Program Project Grant: "Endocannabinoid Sites as Therapeutic Targets" (P.I., A. Makriyannis)
2001-2003	UC Center for Medicinal Cannabis Research Grant COO-IR-105: "Effects of Cannabis Therapy on Endogenous Cannabinoids" (P.I., D. Piomelli)
2000-2001	Universidad Complutense de Madrid Grant DAP-28107: "Neuropharmacological Characterization of Anandamide Uptake Blockers: Potential Therapeutic Applications" (P.I., D. Piomelli)
2001	University of California, Irvine, Antiobesity Grant: "An Endogenous Compound With Anti-Obesity Properties" (P.I., D. Piomelli)
2000-2003	International Human Frontier Science Program Organization Research Grant RG0073-2000-B: "Biosynthesis, Inactivation and Biological Actions of Lysophosphatidic Acid in the Nervous System" (P.I., D. Piomelli)
2000-2003	Taisho Pharmaceuticals Contract TPC-27437 (P.I., D. Piomelli)
2000	Oregon Health Sciences University Contract (P.I., D. Piomelli)

SELECTED RECENT INVITED PRESENTATIONS

December 2016	Invited Speaker, Medical University of South Carolina, Addiction Seminar Series; Charleston, SC.
November 2016	Invited Speaker, Yale University, Cannabis in Medicine Mini-symposium, "Therapeutic potential of the endocannabinoid system"; New Haven, CT.
October 2016	Invited Speaker, Vanderbilt Brain Institute, Seminars in Neuroscience Series: Brain, Mind, and Society, "The endocannabinoid synapse"; Nashville, TN.
October 2016	Invited Speaker, Canadian Centre on Substance Abuse – National Research Agenda on Cannabis, "The Endocannabinoid System"; Ottawa, Ontario, Canada.
September 2016	Invited Speaker, The Foundation for Peripheral Neuropathy International Research Symposium – Advances in Neuropathy: Emerging Therapies, "Basic Science of Cannabis and Analgesia I"; Chicago, IL.
August 2016	Poster Presenter, Military Health System Research Symposium, Kissimmee, FL.
June 2016	Invited Speaker, American Society of Clinical Pharmacology (ASCP), Medical Marijuana: Promise and Peril Session, "Therapeutic Potential of the Cannabis System"; Scottsdale, AZ.
March 2016	Invited Speaker, Cannabinoid Summit, UMSOM; Baltimore, MD.
January 2016	Invited Speaker, NIAAA Intramural Research Seminar Series; Bethesda, MD.
December 2015	Committee Meeting, ACNP Publication & 54 th Annual Meeting; Hollywood, FL.

- November 2015 Chair, ZardiGori Foundation Meeting: Drug dependence meeting on drug abuse and mental disease, Session: "Cannabinoids"; Milan, Italy.
- November 2015 Invited Speaker, 8th Novo Nordisk Foundation Conference, "Lipid sensing and the gut-brain axis"; Copenhagen, Denmark.
- October 2015 Grandes Conférences Center for Interdisciplinary Research of Biology (CIRB) du College de France, "Matière grasse à pensée Comment la nouvelle science des lipids va changer les neurosciences"; Paris, France.
- October 2015 Plenary Lecturer and Invited Speaker, 37^o Congress Società Italiana di Farmacologia (SIF), "The endocannabinoid synapse" and "Endocannabinoid-based drugs for pain control"; Naples, Italy.
- September 2015 Plenary Lecturer and Chair of "Pain" Session, Cannabinoid Conference, "Unhealthy skepticism: the future of endocannabinoid-based therapeutics"; Sestri Levante (Genova), Italy.
- July 2015 Invited Speaker, Society for Study of Ingestive Behavior Annual Meeting, "Intestinal lipid-derived signals that sense dietary fiber"; Denver, CO.
- June 2015 Invited Speaker, ESMEC-European School of Medicinal Chemistry, "New avenues in pain therapeutics", "The future of endocannabinoid-based analgesics"; Urbino, Italy.
- May 2015 Discussion Leader, Gordon Research Conference, "From phytocannabinoids to cannabinoid medicines: novel signaling principles in health and disease"; Lucca (Barga), Italy.
- May 2015 Invited Speaker, Fifth International Meeting of The Special Interest Group on Neuropathic Pain, "FAAH inhibition: a new therapeutic target for neuropathic pain"; Nice, France.
- May 2015 Invited Speaker, Hotchkiss Brain Institute Friday Seminar Series, "Peripheral gating of pain signals by endogenous lipid mediators"; Calgary, Canada.
- March 2015 Invited Speaker, NIDA Steve Goldberg Symposium, "Steve and I-15 years of scientific collaboration and friendship"; Baltimore, MD.

PEER-REVIEWED PUBLICATIONS

<http://www.ncbi.nlm.nih.gov/sites/myncbi/daniele.piomelli.1/bibliography/40700007/public/?sort=date&direction=descending>

337 articles in scientific journals, 28 patents, 4 commentaries and book reviews, 12 books/books chapters.

Google Scholar: h-index: 93, Total number of citations: 35,478

RECENT PRESS COVERAGE

1. "Marijuana's medical value remains uncertain", Daily Republic, September 2016.
2. "UC Irvine Professor: Cannabis Shows Promise Treating Opioid Addiction", Green Rush Daily, September 2016.
3. "Metabolism in mind: New insights into the 'gut-brain axis' spur commercial efforts to target it", Nature Medicine, July 2016.
4. "Botched French Drug Trial Followed Rules But Lacked 'Common Sense'", National Public Radio, May 2016.
5. "Psychedelic compounds like ecstasy may be good for more than just a high", Chemical Engineering News (c&en), March 2016.

6. "How Gastric Bypass Can Kill Sugar Cravings", The Scientist, November 2015.
7. "Oxtocin and anandamide's relationship to be studied", BLR Eagle, October 2015.
8. "'Love Hormone' Helps Produce 'Bliss Molecules' to Boost Pleasure of Social Interactions", HealthNewsDigest.com, October 2015.
9. "As Legal Use of Marijuana Spreads, Researchers Seek to Better Assess the Risk and Benefits", AAAS, May 2015.
10. "Meth Effects: The Ravaged Faces of Meth Result From Increase In Molecules Causing Cell Death," Medical Daily, February 2015.
11. "New Study Shows How Meth Causes You to Rapidly Age", Methamphetamine Addiction, February 2015.
12. "Researchers find method to reverse aging caused by methamphetamine abuse", Examiner.com, February 2015.
13. "The science behind the faces of meth: Scientists discover how drug causes cells to age and die, giving users their characteristic gaunt look", Daily Mail, February 2015.
14. "UC Irvine and Italian Institute Research Details at Cellular Level the Ravages of Meth on Faces", OC Weekly, February 2015.
15. "First inhibitor for enzyme linked to cancers created", Science Daily, November 2014.
16. "Novel compound seen as enhancing the cancer-killing power of anti-tumor drugs", MNT, November 2014.
17. "Researchers create first inhibitor for enzyme linked to cancers", Life Science log, November 2014.
18. "Researchers create new AC inhibitor associated to melanoma, lung and prostate cancers", Pharmaceutical Technology, November 2014.
19. "UC Irvine, Italian researchers create first inhibitor for enzyme linked to melanoma, lung and prostate cancers", Chamblu Entertainment, November 2014.
20. "UC Irvine, Italian researchers create first inhibitor for enzyme linked to melanoma, lung and prostate cancers", UC Irvine School of Medicine News Release, November 2014.
21. "UC Irvine-Italian researchers create first inhibitor for enzyme linked to cancers", EurekAlert!, November 2014.
22. "UC Irvine-Italian researchers create first inhibitor for enzyme linked to cancers", Science Newline Medicine, November 2014.
23. "UC Irvine-Italian researchers create first inhibitor for enzyme linked to cancers", ThevisualMD, November 2014.
24. "High-Fat Diets May Spur Overeating, Mouse Study Suggests", MedicineNet.com, August 2014.
25. **"Drugged", National Geographic Video, May 2014.**
26. "LA Pot Politics Spread Statewide", CalWatchdog.com, May 2014.
27. "Munches Mystery: Why Do Cannabis Users Crave Fatty Food?", AlterNet, May 2014.