CURRICULUM VITAE

Joanna Peris, Ph.D.

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Department of Pharmacodynamics
University of Florida, Box-100487
Gainesville, FL 32610
(352) 273-7688
peris@cop.ufl.edu

EDUCATION

Oregon Health Sciences University, School of Medicine
Attended: 1980-1984
Major: Psychobiology
Degrees: M.S., June, 1982; Ph.D., June, 1984.
Dissertation: Associative and Non-associative Factors in the Development of Tolerance to the Thermic and Cardiovascular Effects of Ethanol.

Bowling Green State University
Attended: 1976-1980
Majors: Biology, Psychology
Degree: B. S., June, 1980.

EMPLOYMENT

1977-1978 Laboratory Instructor, Dept. Chemistry, Bowling Green State Univ., Bowling Green, OH.

1978-1980 Research Assistant, Dept. Psychology, Bowling Green State Univ., Bowling Green, OH.

1980-1984 Predoctoral Trainee, NHLBI Training Grant, Dept. of Medical Psychology, Oregon Health Sciences University, Portland, OR.

1984-1988 Postdoctoral Fellow, Department of Pharmacology, University of Colorado Health Sciences Center, Denver, CO.

1988-1994 Assistant Professor, Department of Pharmacodynamics, University of Florida, Gainesville, FL.

1994-pres. Associate Professor, Department of Pharmacodynamics, University of Florida, Gainesville, FL.

HONORS

1983 Tartar Research Fellow, Oregon Health Sciences University.
1984 NIDA Postdoctoral Traineeship, University of Colorado Health Sciences Center
1986 NIMH Postdoctoral Fellowship, University of Colorado Health Sciences Center
1990 NIAAA Research Scientist Development Award, University of Florida.
2007 College of Pharmacy, Teacher of the Year
2017, 2018 College of Pharmacy, Service and Teaching Incentive Award
2017, 2018, 2019 College of Pharmacy, Outstanding Team Teaching Award
2019 College of Pharmacy, Outstanding Student Organization Advisor

PROFESSIONAL ORGANIZATIONS

Society for Neurosciences, 1984 to present.
American Association for the Advancement of Science, 1986 to present.
Research Society on Alcoholism, 1986 to present.
University of Florida McKnight Brain Institute, 1990 to present.
University of Florida, Center for Addiction Research and Education, 1992 to present.

UNIVERSITY SERVICE

University of Florida Commencement Marshal, 4/94 to present.
University of Florida Institutional Animal Care and Use Committee, 5/02 to 8/05.
University of Florida, Graduate Council, 5/14 to 5/17.
University of Florida, Center for Addiction Research and Education, Co-Director, 9/11 to present.

COLLEGE and DEPARTMENTAL SERVICE

Health Center Student Conduct Standards Committee, 1/89 to 5/94.
College of Pharmacy, Academic Performance and Admissions Comm., 12/89 to 7/92.
College of Pharmacy, Academic Advisor, 9/92 to present.
Dept. Pharmacodynamics, Graduate Selection Comm., 3/92 to 9/96, 6/02 to 6/15.
Dept. Pharmacodynamics, Graduate Coordinator, 1/93 to 9/96, 6/02 to 6/08, 6/11 to 6/12.
College of Pharmacy Graduate Studies Comm., 1/95 to 9/96, 6/02 to 6/08, 6/11 to 6/12.
College of Pharmacy, Alumni Awards Committee, 12/93 to 9/97.
College of Pharmacy Equipment Committee, Chair, 9/96 to 12/13.
College of Pharmacy, Financial Aid and Awards Committee, 9/97 to 9/00.
College of Pharmacy, Tenure & Promotion, 9/94-9/96, 1/03-1/05, 1/08-1/11, 8/14 to 4/19.
College of Pharmacy, Search Committee for New Faculty (16 searches, chaired two).
College of Pharmacy, Academic Performance Committee, 8/03 to 1/14.
College of Pharmacy, Admissions Committee, 1/14 to present
College of Pharmacy, Curricular Revision Task Force, 1/14 to 5/14.
College of Pharmacy, Impaired Professional Committee, 1/14 to present.
College of Pharmacy, Kappa Epsilon Professional Pharmacy Fraternity, Faculty Advisor, 4/04 to present.

TEACHING EXPERIENCE

In the legacy curriculum of the Pharm.D. program, I taught yearly in the three semester Pharmacology series for first and second year Pharmacy students and coordinated the first course in this series. I also lectured each year in Physiological Basis of Disease for first year pharmacy students. In the new Pharm.D. curriculum, I continue to coordinate and teach the Introduction to Pharmacology course in the first year (PHA 5515) and am involved in teaching pharmacology in the Patient Care 4 and 7 courses in the second and third years of the curriculum. My student evaluations are well above average and I was elected "Teacher of the Year" in 2007 with further nominations in subsequent years. I have also received the College of Pharmacy Outstanding Teaching Team Award twice for the Weight Loss and Nutrition module in Patient Care 4 and once for the Psychiatric Disorders module in Patient Care 7.

I lecture yearly in an undergraduate Honors Pharmacy course and have had over 40 undergraduate students complete independent research coursework on selected topics in pharmacology. I have also directed research projects for over 60 Pharm.D. students, from UF, FAMU and several international colleges of pharmacy resulting in multiple publications with students listed as co-authors.

In terms of graduate education, I coordinate and teach "Neurochemical Foundation of Pharmacodynamics" and I developed, coordinate and teach "The Pharmacodynamics of Drugs of Abuse" and "Journal Colloquy". I lecture in a number of other graduate courses offered in the Colleges of Pharmacy, Medicine, and Health and Human Performance. I have supervised six Ph.D. students through matriculation, 21 doctoral students in their research rotations, and four post-doctoral fellows.

RESEARCH FUNDING - Dr. Peris is P.I. unless indicated

8/86-7/87 NIMH NRSA Fellowship, University of Colorado Health Sciences Center.

1/89-4/92 UF College of Pharmacy Biomedical Research Starter Grant, Total yearly direct costs = $9,000.

3/89-4/89 UF Division of Sponsored Research, "Visualization of GABA and dopamine receptors in discrete brain regions after alcohol and cocaine treatment", Total yearly direct costs = $10,000.

4/89-3/93 NIAAA Research Grant (RO1 AA08262), "Nigrotectal GABA neurons in alcohol and kindled seizures", Total yearly direct costs = $201,137.

5/89-4/90 UF DSR New Investigator Award, "Nigrotectal $GABA_A$ receptors in mice genetically selected for severity of ethanol withdrawal seizures", Total yearly direct costs = $18,815.

7/90 NIH Division of Research Resources (RR 005704), "Quantitative Densitometry Instrument", Co-P.I. (P.I. is J.W.Simpkins), Total yearly direct costs = $65,401.

9/90 ADAMHA Small Instrumentation Program, Total yearly direct costs = $16,700.

10/90-9/95 NIAAA Research Scientist Development Award Level II (K02 AA00135), "Nigrotectal GABA neurons in alcohol and kindled seizures", Total yearly direct costs = $69,240.

5/92-4/93 UF DSR, "GABA transmission in Ethanol-treated Rats", Total yearly direct costs = $24,870.

7/92-6/93 Department of Defense, "Collaborative Spinal Cord Injury, Neuroscience Research, Education and Training Facility", Researcher (P.I. is W. Luttge), Total direct costs = $18,000,000.

7/93-12/95 Alcoholic Beverage Medical Research Foundation, "The neurochemical basis for cocaine abolishment of ethanol tolerance", Total yearly direct costs = $72,000.

7/93-6/03 NIAAA Training Grant (T31 AA 07561), "Training in alcohol and neurodegenerative disease", co-Director (P.I. is M. Heaton), Total yearly direct costs = $269,780.

9/95-8/97 NIAAA Research Grant (RO1 AA 09115), "Chronic ethanol neurotoxicity and long-term potentiation", Total yearly direct costs = $125,181.

12/00-11/03 NINCDS Research Grant, “Role of eicosanoids in blood pressure control”, Co-I (PI is C. E. Wood), Total yearly direct costs = $250,000.

5/03-5/04 UFDSR Opportunity Fund, Multi-College Capillary Electrophoresis with Laser-induced Fluorescence Detection Instrument for Very High Resolution and Sensitivity Brain Microdialysis, PI, Total direct costs - $$99,713.

5//05-4/09 NIAAA Research Grant (R01 AA 014708), "Time resolution of ethanol-induced neurotransmission", PI, Total yearly direct costs = $203,599.

5/07-5/08 UFDSR Opportunity Fund, "Preclinical development of drugs for obesity and cocaine addiction", Co-I, (PI is Ray Booth), Total direct costs - $81,850.

12/07-11/11 NIDA Research Grant (R01 DA023928), "Novel 5HT2C agonist drugs with 5HT2A antagonist activity for cocaine addiction", Co-I, (PI is Ray Booth), Total yearly direct costs = $250,000.

1/16 to 12/16 College of Pharmacy PROSPER Grant," Optogenetic stimulation of oxytocin receptor-expressing neurons in the brain reward pathway of alcohol drinking mice", PI Total direct costs = $23,000.

7/18-6/20 NIAAA Research Grant (R21 AA026090), "Ethanol dysregulation of oxytocin reward", PI, Total yearly direct costs = $140,375.

4/21-3/25 pending NIAAA Research Grant (R01 AA029269), "Sex differences in oxytocinergic modulation of central reward circuitry", PI, Proposed yearly direct costs = $250,000.

NIH STUDY SECTION EXPERIENCE

2006-present	Ad hoc Reviewer SEP study section
2004-present	Ad hoc Reviewer NAL study section
2015-present	Chair and Reviewer F03B study section

PUBLICATIONS (Number of citations of 2138 total, H index = 28)

1. Cunningham, C. L., & **Peris, J.** A microcomputer system for temperature biotelemetry. Behav. Res. Methods Instr. 15: 598-603, 1983. 36

2. **Peris, J.**, & Dunwiddie, T. V. Inhibitory neuromodulation of release of amino acid neurotransmitters. Alc. Drug Res. 6: 253-264, 1985. PMID:2868735 14

3. **Peris, J.**, & Cunningham, C. L. Dissociation of tolerance to the hypothermic and tachycardic effects of ethanol. Pharmacol. Biochem. Behav. 22: 973-978, 1985. PMID: 4023029 17

4. Mitchel, M. A., **Peris, J.** & Harris, R. A. Barbiturate tolerance and dependence: Effects on synaptosomal sodium transport and membrane fluidity. Pharmacol. Biochem. Behav. 22: 955-960, 1985. PMID:4040639 8

5. **Peris, J.**, & Cunningham, C. L. Heart rate responses to shock delivered via different implanted electrodes. Physiol. Behav. 36; 975-977, 1986. PMID:3714876 2

6. **Peris, J.**, & Cunningham, C. L. Handling-induced enhancement of alcohol's acute physiological effects. Life Sci. 38: 273-279, 1986. PMID:3947595 63

7. **Peris, J.**, & Cunningham, C. L. Stress enhances the development of tolerance to the hypothermic effect of ethanol. Alc. Drug Res., 3: 187-193, 1987. PMID:3827999 36

8. Schwarz, K. S., **Peris, J.**, & Cunningham, C. L. Effects of restraint and naltrexone on the biphasic heart rate response to morphine in rats. Alc. Drug Res., 7: 327-339, 1987. PMID:3040023 5

9. **Peris, J.**, & Zahniser, N. R. One injection of cocaine produces a long-lasting increase in [^{3}H]-dopamine release. Pharmacol. Biochem. Behav., 27: 533-535, 1987. PMID:3659076 77

10. **Peris, J.**, Harris, R. A., & Zahniser, N. R. Modulation of ^{3}H-gamma aminobutyric acid release evoked from rat cortical slices by alpha$_2$ adrenergic receptors. Neurosci. Lett., 80: 309-314, 1987. PMID:2825081 12

11. Dwoskin, L.P., **Peris, J.**, Philpott, K., & Zahniser, N.R. Repeated cocaine administration results in supersensitivity of striatal D_2 dopamine autoreceptors to pergolide. Life Sci. 42:255-262, 1988. PMID:3275855 104

12. **Peris, J.**, Dwoskin, L. P. & Zahniser, N. R. Biphasic modulation of [^{3}H] D-aspartate release by D_2 dopamine receptors in rat striatal slices. Synapse, 2:450-456, 1988. PMID:2973144 27

13. **Peris, J.** & Zahniser, N. R. Persistent augmented dopamine release after acute cocaine requires dopamine receptor activation. Pharmacol. Biochem. Behav., 32: 71-76, 1989. PMID:266063 48

14. Lewin, E., **Peris, J.**, Bleck, V., Zahniser, N. R. & Harris, R. A. Chemical kindling decreases GABA-Activated chloride channels of mouse cortex. Eur. J. Pharmacol. 160: 101-106, 1989. 34

15. Lewin, E., **Peris. J.**, Bleck, V., Zahniser, N. R. & Harris, R. A. Diazepam sensitizes mice to FG 7142 and reduces muscimol-stimulated ^{36}Cl- flux. Pharmacol. Bioch. Behav. 33: 465-468, 1989. 18

16. **Peris, J.**, Wehner, J.M. & Zahniser, N. R. [^{35}S]TBPS sites are increased in the colliculi of mice with a genetic predisposition to bicuculline-induced seizures. Brain Res., 503:288-295, 1989. 13

17. **Peris, J.**,Boyson, S. J., Cass, W. A., Curella, P., Dwoskin, L. P., Larson, G., Linn. L-H., Yasuda, R. P., and Zahniser, N. R. Persistence of neurochemical changes in dopamine systems after repeated cocaine administration. J. Pharmacol. Exp. Ther., 253: 38-44, 1990. 247

18. **Peris, J.**, Shawley, A., Dawson, R. & Abendschein, K. H. Regulation of ^{35}S-TBPS binding by bicuculline is region specific in rat brain. Life Sci., 49: PL49-PL54, 1991. 22

19. **Peris, J.**, Decambre, N., Coleman, M. & Simpkins, J. W. Estradiol enhances behavioral sensitization to cocaine and amphetamine-stimulated striatal [^{3}H]dopamine release. Brain Res. 566: 255- 264, 1991. 209

20. **Peris, J.**, Coleman-Hardee, M. L., Burry, J. & Pecins-Thompson, M. Selective changes in GABAergic transmission in substantia nigra and superior colliculus caused by ethanol and ethanol withdrawal. Alcohol: Clin. Exp. Res. 16: 311-319, 1992. 29

21. **Peris, J.**, Coleman-Hardee, M. & Millard, W.J. Cocaine in utero enhances the behavioral response to cocaine in adult rats. Pharmacol. Biochem. Behav. 42: 509-515, 1992. 88

22. **Peris, J.** Antagonist inhibition of the $GABA_A$-mediated chloride uptake is atypical in nigrocollicular areas. Life Sciences 53: 707-716, 1993. 8

23. **Peris, J.** & Scott, J. FG7142 causes opposite changes in ^{3}H-GABA release from nigrocollicular regions. Pharmacol. Biochem. Behav. 44: 333-338, 1993. 4

24. Pecins-Thompson, M. & **Peris, J.** Behavioral and neurochemical changes caused by repeated ethanol and cocaine administration. Psychopharmacology 110: 443-450, 1993. 47

25. Tremwel, M., Hunter, B. E. & **Peris, J.** Chronic ethanol exposure enhances ^{3}H-GABA release and does not affect $GABA_A$ receptor mediated ^{36}Cl uptake. Synapse 17: 149-154, 1994. 24

26. Brazeau, G. A., Al-Sawayeh, S., **Peris, J.**, Hunter, B., & Walker, D. Creatine kinase release from isolated EDL muscles in chronic alcohol-treated rats. Alcohol 12: 145-149, 1995. 3

27. **Peris, J.** Repeated cocaine injections decrease the function of striatal $GABA_A$ receptors. J. Pharmacol. Exp. Ther. 276: 1002-1008, 1996. 46

28. **Peris, J.**, Anderson, K. A., Vickroy, T.W., King, M.A., Hunter, B.E. & Walker, D.W. Neurochemical basis of disruption of hippocampal long term potentiation by chronic alcohol exposure. Frontiers in Bioscience 2: 308-316, 1997. 31

29. **Peris, J.**, Sealey, S., Jung, B. & Gridley, K. Simultaneous cocaine exposure abolishes ethanol tolerance. Behavioral Pharmacology 8: 319-330, 1997. 7

30. **Peris, J.**, Eppler, B., Hu, M., Walker, D. W., Hunter, B., Mason, K. & Anderson, K. J. Effects of chronic ethanol exposure on GABA receptors and $GABA_B$ receptor modulation of ^{3}H-GABA release in the hippocampus. Alcohol: Clin. Exp. Res. 21: 1047-1052, 1997. 41

31. **Peris, J.**, Jung, B. J., Resnick, A., Walker, P., Malakhova, O., Bokrand, Y. & Wielbo, D. Antisense inhibition of striatal $GABA_A$ receptor proteins decreases GABA-stimulated chloride uptake and increases cocaine sensitivity in rats. Mol. Brain Res. 57: 310-320, 1998. 24

32. Resnick, A. C., Homanics, G. E., Jung, B. J. & **Peris, J**. Increased acute cocaine sensitivity and decreased cocaine sensitization in $GABA_A$ receptor β_3 subunit knockout mice. J. Neurochem. 73: 1539-1548, 1999. 21

33. Hu, M., Walker, D. W., Vickroy, T. W. & **Peris, J.** Chronic ethanol exposure increases ^{3}H-GABA release in rat hippocampus by presynaptic muscarinic receptor modulation. Alcohol: Clin. Exp. Res., 23: 1587-1595, 1999. 12

34. Jung, B. J., Dawson, R., Sealey, S. A. & **Peris, J.** Endogenous GABA release is reduced from the striatum of cocaine sensitized rats. Synapse 34: 103-110, 1999. 23

35. Jung, B. J. & **Peris, J**. Lack of allosteric modulation of striatal $GABA_A$ receptor binding and function after cocaine sensitization. Pharmacol. Biochem. Behav., 70: 55-63, 2001. 5

36. Dominy, J., Thinschmidt, J. S., **Peris, J.,** Dawson, R., & Papke R. L. Taurine-induced long-lasting potentiation in the rat hippocampus shows a partial dissociation from total hippocampal taurine content and independence from activation of known taurine transporters. J. Neurochem. 89: 1195-1205, 2004 33

37. Smith, A. D., Watson, C. J., Frantz, K. J., Eppler, B., Kennedy, R. T. & **Peris, J.** Differential increase in taurine levels by low dose ethanol in the dorsal and ventral striatum revealed by microdialysis with on-line capillary electrophoresis. Alcohol: Clin. Exp. Res. 28: 1028-1038, 2004. 43

38. Shou, M., Smith, A.D., Shackman, J.G., **Peris, J.** & Kennedy, R.T. *In vivo* monitoring of amino acids by microdialysis sampling with on-line derivatization by naphthalene-2,3-dicarboxyaldehyde and rapid micellar electrokinetic capillary chromatography. J. Neurosci. Meth. 138: 189-197, 2004. 82

39. Nakano, Y., Hirko, A.C., Smith, A.D., Oka, M., Dawson, R., **Peris, J**., Terado, N. & Meyer, E.M. Presynaptic dopaminergic properties of differentiated mouse embryonic stem cells. Neuroscience Int. 45: 1067-1073, 2004. 7

40. Yang, S., Lee, Y. J., Kimm, J-M., Park, S., **Peris, J.,** Laipis, P., Park, Y. S., Chung, J. H., & Oh, S. P. A murine model for human sepiapterin reductase deficiency. Am. J. Human Genetics 78:575-87, 2006. 66

41. Li, Y., **Peris, J.** & Derendorf, H. Microdialysis as a tool in local pharmacodynamics. AAPS Journal 8: E222-235, 2006. 54

42. **Peris, J.**, Zharikova, A., Lingis, M., Li, Z., MacNeill, M., Wu, M. T. & Rowland, N. Brain ethanol levels in rats after voluntary ethanol consumption using a sweetened gelatin vehicle. Pharmacol. Biochem. Behav. 85: 562-568, 2006. 35

43. Ramirez, H. E., Esperon, L. & **Peris, J.** Effects of an enrichment device on voluntary alcohol consumption on single-housed rats. JAALAS, 47:24-29, 2008. 2

44. Li, Z., Zharikova, A., Bastian, J., Esperon, L., Hebert, N., Mathes, C., Rowland N. E. & **Peris, J.** High temporal resolution of amino acid levels in rat nucleus accumbens during operant ethanol self-administration: Involvement of elevated glycine in anticipation. J. Neurochem. 106:170-181, 2008. 30

45. Li, Z., Zharikova, A., Vaughan, C. H., Bastian, J., Zandy, S., Esperon, L., Rowland N. E. & **Peris J**. Intermittent high-dose ethanol exposures increase motivation for operant ethanol self-administration: possible neurochemical mechanism. Brain Res. 1310: 142-153, 2010. PMCID: PMC2812672 26

46. Li, Z., Boules, M., Williams, K., **Peris, J.** & Richelson, E. The novel neurotensin analog NT69L blocks phencyclidine (PCP)-induced increases in locomotor activity and PCP-induced increases in monoamine and amino acids levels in the medial prefrontal cortex. Brain Res. 1311:28-36, 2010. 29

47. Le HT, Hirko AC, Thinschmidt JS, Grant M, Li Z, **Peris J**, King MA, Hughes JA, Song S. The protective effects of plasma gelsolin on stroke outcome in rats. Exp Transl Stroke Med. 3:13-21, 2011. PMCID: PMC3224589 29

48. Kasper, J., Tikamdas, R., Kim, M. S., MacFadyen, K., Aramini, R., Ladd, J., Bisceglia, S., Booth, R. G. & **Peris, J.** The serotonin-2 receptor modulator, (-)-trans-PAT, decreases voluntary ethanol consumption in rats. Eur. J. Pharmacology, 718: 98-104, 2013. PMCID: PMC3833445 17

49. Moldthan, H.L., Hirko, A.C., Thinschmidt, J.S., Grant, M., Li, Z., **Peris,** J., King, M.A., Hughes, J.A. & Song, S. Alpha 1-Antitrypsin therapy mitigated ischemic stroke damage in rats. J. Stroke Cerebrovasc. Dis, 23: 355-363, 2014. 21

50. **Peris, J.,** Rhodes, N., McCullough, B., Aramini R. & Zharikova, A. Intermittent high dose ethanol exposure increases ethanol preference in rats. J. Stud. Alc. Drugs, 76: 165-73, 2015. PMCID: PMC4263777 6

51. Kasper, J., Booth, R.G. & **Peris, J.** Serotonin-2C receptor agonists decrease potassium-stimulated GABA release in the nucleus accumbens. Synapse 69: 78-85, 2015. 7

52. MacFadyen, K., Loveless, R., DeLucca, B., Wardley, K, Deogan, S., Thomas, C. & **Peris, J.** Peripheral oxytocin administration reduces ethanol consumption in rats. Pharmacol. Biochem. Behav. 140: 27-32, 2016. PMID: 26519603 45

53. Peris, J., MacFadyen, K., Smith, J., Wang, L., de Kloet, A.D. & Krause, E. G. Oxytocin receptors are expressed on dopamine and glutamate neurons in the mouse ventral tegmental area that project to nucleus accumbens and other mesolimbic targets, Journal of Comparative Neurology, 525: 1094-1108, 2017. PMID: 27615433 62

54. Stennett, B. A., Frankowski, J. C., Peris, J. & Knackstedt, L. A. Ceftriaxone reduces alcohol intake in outbred rats while upregulating xCT in the nucleus accumbens. Pharmacol. Biochem. Behav. 159: 18-23, 2017. 10

55. Weber, R. A., Logan, C. N., Leong, K.C., Peris, J., Knackstedt, L & Reichel, C.M. Regionally specific effects of oxytocin on reinstatement of cocaine seeking in male and female rats. Int. J Neuropsychopharmacol. 21: 677-686, 2018. 12

56. Peris, J., Steck, M. R., & Krause, E. G. Oxytocin treatment for alcoholism: Potential neurocircuitry targets. Neuropharmacology. 2020 Apr 15;171:108091. doi: 10.1016/j.neuropharm.2020.108091. [Epub ahead of print] PMID: 32304701

57. Rath, M., Guergues, J.G., Pinho, J.P.C., Zhang, P., Nguyen, T.G., MacFadyen, K.A., Peris, J., McLaughlin , J.P., Stevens, S. M. & Liu, B. Chronic voluntary binge ethanol consumption causes sex-specific differences in microglial signaling pathways and withdrawal-associated behaviors in mice. Alcohol.: Clin. Exp. Res. 44: in press, 2020.

58. Peris, J., Montgomery, D., Totten, K., Lester, H., Weatherington, A., Piotrowski, B., Sowell, S., MacFadyen, K., Engle, H., de Kloet, A. D., Scott, K.A., Tan, Y. & Krause, E.G. Daily binge ethanol intake decreases both social reward and the reward value of activation of OxTR-expressing VTA neurons. Alcoholism: Clin. Exp. Res. Submitted 2020.

59. Smith, A. E., Kasper, J. M, Ochoa, L., Peris, J., Vargas, G., Hommel, J. D. Glutamate release from the PVN→NAc pathway decreases intake of high-fat food. Nature Metabolism Submitted 2020.

60. Peris, J., Totten, K., Montgomery, D., de Kloet, A. D., Scott, K. A. & Krause, E. G. Activation of oxytocin receptor expressing neurons in the ventral tegmental area that project to nucleus accumbens can be rewarding or aversive. In preparation for submission, 2020.

BOOK CHAPTERS

Zahniser, N. R., **Peris, J.**, & Dwoskin, L. P. Modulation of neurotransmitter release: An assay for receptor function. Soc. Neurosci. Short Course I, 73-81, 1986. 6

Zahniser, N.R., **Peris, J.**, Dwoskin, L.P., Curella, P., Yasuda, R. & Boyson, S.J. Sensitization to cocaine in the nigrostriatal dopamine system. In D. Clouet, K. Asghar & R. Brown (eds): Mechanisms of Cocaine Abuse and Toxicity, NIDA Research Monograph 88, Washington, D.C., pp. 55-77, 1988. PMID:3145458 45

Zahniser, N.R., **Peris, J.**, Curella, P., Dwoskin, L.P., O'Keefe, L. & Boyson, S.J. Repeated cocaine administration results in supersensitive nigrostriatal D-2 autoreceptors. In P.M. Beart, G. N. Woodruff & D. M. Jackson (eds): Pharmacology and Functional Regulation of Dopaminergic neurons, Palgrave Macmillan, UK, pp. 168-174, 1988. 5

Zahniser, N. R. & **Peris, J.** Neurochemical mechanisms of cocaine-induced sensitization. In J. M. Lakoski, M. P. Galloway & F. J. White (eds): Cocaine: Pharmacology, Physiology and Clinical Strategies. CRC Press: Boca Raton, pp. 229-260, 1992. 47

Peris, J. Differential sensitivity of nigrotectal GABA neurons to alcohol and alcohol withdrawal seizures. In R. R. Watson (ed): Alcohol and Neurobiology: Receptors, Membranes, and Channels. CRC Press: Boca Raton, pp. 51-71, 1992. 8

Smith, A., Kennedy, R,T., Watson, C. J. & **Peris, J**. Ethanol-induced taurine efflux: Low dose effects and high temporal resolution. In: Lombardini, J. B., Schaffer, S. W. & Azuma, J. (Eds.) Taurine 5: Plenum: New York, pps. 485-492, 2003. 6

Peris, J. Drug receptor interactions and pharmacodynamics, Chapter 2. In Lippincott's Illustrated Reviews - Pharmacology (6th ed). Whalen K, Finkel R, Panavelil T, editors. Philadelphia, PA: Lippincott Williams & Wilkins; 2014.

Peris, J. Drug receptor interactions and pharmacodynamics, Chapter 2. In Lippincott's Illustrated Reviews - Pharmacology (7th ed). Whalen K, Finkel R, Panavelil T, editors. Philadelphia, PA: Lippincott Williams & Wilkins; 2018.

ABSTRACTS/PRESENTATIONS

Peris, J. & Cunningham, C. L. Dissociation of tolerance in two autonomic systems. Alcoholism: Clin. Exp. Res.8: 112, 1984.

Peris, J. & Cunningham, C. L. The interaction of ethanol and stress on body temperature in rats. Soc. Neurosci. Abstr. 10: 571, 1984.

Peris, J., R. A. Harris, & Zahniser, N. R. The calcium dependency of [^{3}H]-GABA release evoked by electrical or potassium stimulation. Soc. Neurosci. Abstr. 11: 283, 1985.

Peris, J., Dwoskin, L. P., & Zahniser, N. R. Biphasic modulation of [^{3}H]D-aspartate release by D_2 dopamine receptors in rat striatal slices. Soc. Neurosci. Abstr. 12: 489, 1986.

Peris, J. & Zahniser, N. R. Augmentation of amphetamine-stimulated [^{3}H]-dopamine release after one injection of cocaine: Do other dopamine uptake blockers, dopamine receptor agonists and local anesthetics mimic this effect? Soc. Neurosci. Abstr. 13: 479, 1987.

Peris, J., Harris, R.A. & Zahniser, N.R. [^{35}S]TBPS binding is altered in mice selected for alcohol sensitivity. Alc. Clin. Exp. Res., 12: 308, 1988.

Peris, J. & Zahniser, N. R. [^{35}S]-TBPS binding sites are decreased in the colliculi of mice with high sensitivity to ethanol. Soc. Neurosci. Abstr. 14: 344, 1988.

Zahniser, N. R., **Peris, J.**, & Curella, P. Delayed increase in amphetamine-induced release of dopamine from striatum following repeated cocaine administration. Soc. Neurosci. Abstr. 14: 659, 1988.

Peris, J. & Dawson, R. Persistent changes in brain catecholamine and monoamine levels after chronic cocaine administration. Soc. Neurosci. Abstr. 15, 1091, 1989.

Peris, J. & Coleman, M. Ethanol inhibition of ^{3}H-GABA release from substantia nigra in ethanol-withdrawn rats. Alcohol: Clin. Exp. Res., 14: 327, 1990.

Peris, J. Enhancement or inhibition of [^{35}S]-TBPS binding by bicuculline is region specific in rat brain. Soc. Neurosci. Abstr., 16: 77, 1990.

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