

CURRICULUM VITAE

H. ELLIOTT ALBERS

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Born: 7 April 1953
Ames, Iowa

Education:

1974 University of Nebraska, Lincoln, Nebraska; B.A.

1978 Tulane University, New Orleans, Louisiana; M.S.

1979 Tulane University, New Orleans, Louisiana; Ph.D.

1979 - 1982 Research Fellow in Physiology, Harvard Medical School, Boston, Massachusetts

1981 - 1982 Research Associate in Endocrinology and Neurobiology, Worcester Foundation for Experimental Biology, Shrewsbury, Massachusetts

1982 - 1984 Senior Research Associate in Endocrinology and Neurobiology, Worcester Foundation for Experimental Biology, Shrewsbury, MA

Research and Professional Experience:

2004 - Regents Professor of Neuroscience, Georgia State University, Atlanta, Georgia

2003 - Director, National Science Foundation Science and Technology Center for Behavioral Neuroscience, Atlanta, Georgia

1999 - 2003 Co-Director, National Science Foundation Science and Technology Center for Behavioral Neuroscience, Atlanta, Georgia

1996 - Director, Center for Brain Sciences and Health, Georgia State University, Atlanta, Georgia

- 1994 - Director, Laboratory of Neuroendocrinology and Behavior, Professor of Biology and Psychology, Georgia State University, Atlanta, Georgia
- 1989 - 1994 Associate Professor of Biology and Psychology, Georgia State University, Atlanta, Georgia
- 1986 - 1989 Assistant Professor of Biology and Psychology, Georgia State University, Atlanta, Georgia
- 1986 Assistant Professor of Biology (Neuroscience - Affiliate), Clark University, Worcester, Massachusetts
- 1984 - 1986 Assistant Professor of Physiology, University of Massachusetts Medical School, Worcester, Massachusetts
- 1982 - 1984 Senior Research Associate in Endocrinology and Neurobiology, Worcester Foundation for Experimental Biology, Shrewsbury, MA
- 1981 - 1982 Research Associate in Endocrinology and Neurobiology, Worcester Foundation for Experimental Biology, Shrewsbury, Massachusetts
- 1979 - 1982 Research Fellow in Physiology, Harvard Medical School, Boston, Massachusetts

Professional Honors and Activities:

- 2012 External Advisory Committee for Social, Behavioral and Economic Sciences, Montana State University
- 2011- Advisory Council – ScienceWorks International LLC, Washington DC
- 2011- External Advisory Committee, Georgia Health Sciences University, Institute of Neuroscience, Neurodegenerative Diseases and Neural Repair Program
- 2010 Consultant, Office of Science and Technology Policy, The White House
- 2010 Editorial Board, Frontiers in Neuroendocrine Science
- 2010 External Advisory Committee, Georgia Health Sciences University, Institute of Neuroscience, Neurodegenerative Diseases and Neural Repair
- 2009- Advisory Board, Society for Behavioral Neuroendocrinology
- 2009 Exceptional Service Award, Georgia State University
- 2009 Program Review, Neuroscience, University of Massachusetts- Amherst

2007-2012 Member, Board of Directors, Georgia Bio

2006 Mentor of the Year, Center for Biomedical and Behavioral Research, Spelman College

2005 - 2007 Editorial Board, Endocrinology

2004 - NSF-HBCU-UP Advisory Committee, Morehouse College

2003 - RIMI External Advisory Board, Spelman College

2000 - 2007 Editorial Board, Hormones and Behavior

2000 - 2004 Board of Scientific Advisors, Tulane University Neuroscience Center, Tulane University

2000 – 2004 External Advisory Board, Alaska Basic Neuroscience Program, University of Alaska-Fairbanks

1998 - 2002 Board of Scientific Councilors, National Space Biomedical Research Institute (NASA)

1998 – 2001 Advisory Board, Interdisciplinary Neuroscience Initiative, Morehouse College

1998 Outstanding Educator Award, Georgia Psychological Association

1997 Chair, Panel on Human Performance Factors, Sleep and Chronobiology (NASA)

1997 Outstanding Scholarship Award, College of Arts and Sciences, Georgia State University

1995 - 2002 Internal Advisory Committee, Neuroscience Institute, Morehouse School of Medicine

1995 - Adjunct Professor of Psychiatry and Behavioral Sciences, Emory University School of Medicine, Atlanta, Georgia

1995 - 2000 NIH ICN-3 Study Section

1994 - 1995 Executive Committee of the Atlanta Chapter of the Society for Neuroscience

1989 - Served on grant review panels for NIH, NIMH, NSF, NASA, AFOSR

1989 - 1990 Councilor, Society for Neuroscience, Atlanta Chapter

1984 Promising Young Investigator Award, Gordon Conference on Peptides

1979 National Research Service Award

Extramural Grant Support:

Current Support

1. Neurobiology of Social Behavior, National Science Foundation, IOS-0923301; July 1, 2009-June 30, 2014, \$600,000 (Total).
2. Neurogenetics of Social Behavior, National Science Foundation, IOS1035960; September 2, 2010 – August 31, 2013, \$149,722 (Total).
3. Communication within the Suprachiasmatic Neural Circadian Network, National Institute of Neurological Disorders and Stroke; R01 NS 078220; September 1, 2012-June 30, 2017, \$1,606,325 (Total).
4. The Prosocial Brain: Evolution of the Human Capacity for Empathy, Compassion and Cooperation, The John Templeton Foundation, 40463, July 1, 2013 – June 30, 2016, \$3,382,664 (Total).

Previous Support

1. Center for Behavioral Neuroscience, Georgia Research Alliance, 1999-2009, \$16,000,000 (Direct).
2. National Science Foundation Science and Technology Center in Behavioral Neuroscience, H.E. Albers, P.I., 11/1/99 - 10/31/09, \$37,232,696 (Total).
3. Science Education Partnership Programs between Colleges, Universities, Schools and Life Sciences Community Educational Organizations, 2008-2009, \$80,567 (Direct).
4. Neurobiology of Social Behavior, National Institutes of Health - R01 MH62641; 07/01/01-06/30/07, \$1,000,000 (Direct).
5. Photic Entrainment of Circadian Behaviors, National Institutes of Health - R01 MH58789; 8/1/98 - 7/31/07, \$1,347,263 (Direct).
6. Photic and Nonphotic Interactions on Circadian Behavior, National Institutes of Mental Health- 5F31 MH067420-02; 7/1/03 – 6/30/05; National Research Service Award to Karen L. Gamble, H. E. Albers, Sponsor, \$48,894 (Direct).
7. Sleep and Melatonin in Diurnal and Nocturnal Rodents, National Institutes of Mental Health - F32 MH12956; 8/15/01 - 8/15/04; National Research Service

Award to Colleen M. Novak, H. E. Albers, Sponsor, \$117,684.00 (Direct).

8. Minority Predoctoral, National Institute of Mental Health - F31 MH12683; 9/1/99 – 8/31/02; National Research Service Award to Ketema Paul, H. E. Albers, Sponsor, \$94,917 (Direct).
9. Neuropeptide Control of Agonistic Behavior, National Institutes of Health - 1-S11-NS37232-01; 09/30/97 - 08/31/02; Subcontract from Morehouse College, Timothy O. Moore, P.I.; H.E. Albers, Co-Inv.; \$545,204 (Direct).
10. Neuroendocrine Control of Communication, National Science Foundation - BNS 8711373; BNS 8910863; 9/1/87 - 4/30/99, \$659,090 (Direct).
11. Regulation of Circadian Behaviors by GABA, National Institutes of Health – R01NS34586; 4/1/95 - 3/31/99, \$523,191 (Direct).
12. Growth Hormone Regulation of Puberty and Fertility, National Institutes of Health – R01HD16305; 12/1/94 - 11/30/98; Subcontract from Yerkes Primate Center; M.E. Wilson, P.I.; H.E. Albers, Co-Inv.; \$121,975 (Direct).
13. Neuroendocrine Responses to Social Conflict in Hamsters, National Institute of Neurological Disorders and Stroke - 5-U54-NS-34194; 2/1/96 - 8/31/97; Subcontract from Morehouse College; Timothy O. Moore, P.I.; H.E. Albers, Co-Inv., \$53,975 (Direct).
14. Interaction of Neuropeptides Colocalized in SCN Neurons, National Institutes of Health - R01NS30022; 8/1/92 - 1/31/97, \$433,877 (Direct).
15. Role of the Raphe Nuclei in Circadian Rhythms, National Institute of Neurological Disorders and Stroke - F32NS09927-01; 7/01/95 - 6/30/97; National Research Service Award to Eric M. Mintz, H.E. Albers, Sponsor, \$46,308 (Direct).
16. Circadian Rhythms: Role of GABA in the SCN, National Institute of Mental Health – F32MH10178; 8/1/92 - 9/30/95; National Research Service Award to Kim Huhman, H.E. Albers, Sponsor, \$97,500 (Direct).
17. Common Neuroendocrine Mechanisms for Growth and Puberty, National Institutes of Health - R01HD16305; 9/30/90 - 8/31/93; Subcontract from Yerkes Primate Center; M.E. Wilson, P.I.; H.E. Albers, Co-Inv., \$129,708 (Direct).
18. Neurochemical Control of Circadian Rhythms, Office of Naval Research - N00014-87-K0172; 4/1/86 - 10/31/91, \$282,665 (Direct).
19. Neural and hormonal control of circadian behavior, National Institutes of Health; R01GM34798; 8/1/85-7/31/88, \$256,651 (Direct).

20. Neuroendocrine Control of Behavior: Interaction Between Androgen and Vasopressin; Joseph P. Healey Endowment Grant; 8/1/85 - 7/31/86, \$4,830.
21. Neural and hormonal control of circadian behaviors, National Institutes of Health; R01GM31199; 7/1/82 - 6/30/85, \$128,500 (Direct).
22. Neural and Hormonal Control of Cyclic Rodent Behavior, National Institute of Child Health and Human Development, National Research Service Award F32HD05877; 9/1/79 - 8/31/81, \$26,400.

Organizations:

American Physiological Society
Society for Behavioral Endocrinology
Society for Neuroscience
Society for Research on Biological Rhythms
The Endocrine Society

Ad Hoc Reviewer, Journals:

American Journal of Physiology
Behavioral Brain Research
Biology Letters
Brain Research
Cell and Tissue Research
Developmental Neurobiology
Developmental Neuroscience
Endocrinology
Endocrine Reviews
European Journal of Pharmacology
Experimental Neurology
Journal of Applied Physiology
Journal of Biological Rhythms
Journal of Comparative Neurology
Journal of Comparative Physiology
Journal of Comparative Psychology
Journal of Histochemistry and Cytochemistry
Journal of Neurobiology
Journal of Neuroendocrinology
Journal of Neuroscience
Journal of Neurophysiology
Life Sciences
Molecular and Cellular Neurosciences

Neuroendocrinology
Neuron
Neuroscience
Neuroscience and Biobehavioral Reviews
Neuroscience Letters
Peptides
Pharmacology, Biochemistry and Behavior
Physiology and Behavior
PLoS ONE
Proceedings of the National Academy of Science
Proceedings of the Society for Experimental Biology and Medicine
Psychoneuroendocrinology
Science

Grant Review Panels:

National Science Foundation
Site Visit California Institute of Technology (Chair)
Science and Technology Centers: Integrative Partnerships
2012

National Institutes of Health
ZNR1 Centers of Excellence in Symptom Science
2012

National Institutes of Health
Special Emphasis Panel
2012

National Science Foundation
Site Visit Gallaudet University
Science and Learning Centers
2010

National Science Foundation
Review Panel
Science and Technology Centers: Integrative Partnerships
2009

National Institutes of Health
T-34 Training Grant Review Panel
2008

National Institutes of Health
Special Emphasis Panel

2006

National Institutes of Health
IFCN-1 Special Emphasis
2001

National Institutes of Health
IFCN-3
1998-2000

National Institute of Mental Health
Psychobiology, Behavior and Neuroscience Review Committee
1996 - 1998

National Institute of Mental Health (Chair)
Special Study Section
7/3/97

National Science Foundation
Neuroendocrinology Advisory Panel
1995 - 1996

National Institute of Mental Health
Psychobiology, Behavior and Neuroscience Review Committee
2/22/96 - 2/23/96

National Institute of Mental Health
Psychobiology, Behavior and Neuroscience Review Committee
6/19/95 - 6/20/95

NASA Human and Animal Biology Panel
7/13/94 - 7/15/94

NASA/National Institutes of Health
Space Shuttle Mission Neurolab
Study Section - 3/3/94

National Institute of Aging
Neuroscience, Behavior and Sociology of Aging
Study Section - 11/30/93

National Institute of Aging
Reverse Site Visit - 7/20/92 - 7/21/92

National Institutes of Health Special Study

Section VR SSS-5 - 4/2/90

Chronobiology Review Panel, Air Force
Office of Scientific Research - 5/25/89

Ad Hoc Reviewer, Grants:

Air Force Office of Scientific Research
Behavioral Endocrinology Program, NSF
Biological Instrumentation Program, NSF
The Canada Council
Deutsche Forschungsgemeinschaft
Harry Frank Guggenheim Foundation
Human Frontier Science Program
Integrative Neural Systems Program, NSF
The Israel Science Foundation
The March of Dimes
NASA Space Biology Program
Neural Mechanisms of Behavior, NSF
Neurobiology of Learning and Memory, NSF
Neurobiology Program, NSF
Ontario Mental Health Foundation
Psychobiology Program, NSF
Regulatory Biology Program, NSF
Research Committee of Emory University
United States-Israel Binational Science Foundation
Veterans Administration
Visiting Professorships for Women, NSF

University Service:

Neuroscience Institute:

Promotion and Tenure Committee, 2009 - Present

Department of Biology:

Promotion and Tenure Committee, 1991 - Present
Executive Committee, 1989-91
Curriculum Committee, 1988-90

Department of Psychology:

Promotion and Tenure Committee, 1992 - Present
Self-Study Committee, 1993-94
Executive committee, 1991-93

University:

Regents Professor Evaluation Committee, July 2011

Brains and Behavior IDC Committee, 2010-
Deans Search Committee, College of Arts and Sciences, 2009
Academic Programs and Continuing Education, 1998 - 2000
Animal Care and Use Committee, 1987-95
University Senate, 1992 - 2000
Executive Committee, College of Arts and Sciences, 1993 - 1996
Tenure and Promotion Review Board, College of Arts and Sciences, 1993 - 1996
Budget Committee of the University Senate, 1994 - 1998
Administrative and Support Unit Review Committee, 1995-96
Science, Math and Technology Committee, 1996
State Appropriations Subcommittee of the University Senate, 1996
Research Initiation Grant Review Panel, 1996
Strategic Planning Subcommittee of the University Senate, 1994-95
Dean's Evaluation Committee, 1995
Cote d'Ivoire Development Committee, 1995
One Time Spending Committee of the University Senate, 1995
Ad hoc Committee on General Learning Outcomes, College of Arts & Sciences, 1994
Gerontology Center Advisory Committee, 1992-93
Library Committee of the University Senate, 1992-93
Curriculum Committee, College of Arts and Sciences, 1991-93

Bibliography:

Theses:

1. Albers, H.E. Interaction of Entrainment and Hormones in the Estrous Activity Rhythm of the Rat. M.S. Thesis, Tulane University, 1978.
2. Albers, H.E. The Effect of Estrogen and Progesterone on Circadian Periodicities in Male, Female and Androgenized Female Rats. Ph.D. Thesis, Tulane University, 1979.

Book Reviews:

1. Albers, H.E. The Dreaming Brain. J. Allen Hobson. Bioscience, 39, 125, 1989.

Book Forewords:

1. Albers, H.E. Handbook of Technology in Psychology, Psychiatry and Neurology: Theory, Research, and Practice, L. L'Abate & D.A. Kaiser (Eds) Nova Science Publishers, New York, 2011.

Papers:

1. Albers, H.E., Gerall, A.A. and Axelson, J.F. Effect of reproductive state on circadian periodicity in the rat. Physiology and Behavior, 26:21-25, 1981.
2. Axelson, J.F., Gerall, A.A. and Albers, H.E. Effect of progesterone on the estrous activity cycle of the rat. Physiology and Behavior, 25:631-635, 1981.
3. Albers, H.E. Gonadal hormones organize and modulate the circadian system of the

- rat. American Journal of Physiology, 241:R62-R66, 1981.
4. Albers, H.E., Gerall, A.A. and Axelson, J.F. Circadian rhythm dissociation in the rat: effects of long-term constant. Neuroscience Letters, 25:89-94, 1981.
 5. Fuller, C.A., Lydic, R., Sulzman, F.M., Albers, H.E., Tepper, B. and Moore-Ede, M.C. Circadian rhythm of body temperature persists after suprachiasmatic lesions in the squirrel monkey. American Journal of Physiology, 241:R385-R391, 1981.
 6. Moline, M.L., Albers, H.E., Todd, R.B. and Moore-Ede, M.C. Light-dark entrainment of proestrous LH surges and circadian locomotor activity in female hamsters. Hormones and Behavior, 15:451-458, 1981.
 7. Albers, H.E., Lydic, R., Gander, P.H. and Moore-Ede, M.C. Gradual decay of circadian drinking organization following lesions of the suprachiasmatic nuclei in primates. Neuroscience Letters, 27:119-124, 1981.
 8. Lydic, R., Albers, H.E., Tepper, B. and Moore-Ede, M.C. Three-dimensional structure of the mammalian suprachiasmatic nuclei: A comparative study of five species. Journal of Comparative Neurology, 204:225-237, 1982.
 9. Albers, H.E., Lydic, R., and Moore-Ede, M.C. Entrainment and masking of circadian drinking rhythms in primates: Influence of light intensity. Physiology and Behavior, 28:205-211, 1982.
 10. Albers, H.E., Carter, D.S., Darrow, J.M. and Goldman, B.D. Circadian organization of locomotor activity in the Turkish hamster (Mesocricetus branti). Behavioral and Neural Biology, 37:362-366, 1983.
 11. Fuller, C.A., Lydic, R., Sulzman, F.M., Albers, H.E. and Moore-Ede, M.C. Auditory entrainment of primate drinking rhythms following partial suprachiasmatic nuclei lesions. Physiology and Behavior, 31:573-576, 1983.
 12. Albers, H.E., Moline, M.L. and Moore-Ede, M.C. Sex differences in circadian control of LH secretion. Journal of Endocrinology, 10:101-105, 1984.
 13. Albers, H.E., Ferris, C.F., Leeman, S.E. and Goldman, B.D. Avian pancreatic polypeptide phase shifts hamster activity rhythms when microinjected into the suprachiasmatic region. Science, 223:833-835, 1984.
 14. Ferris, C.F., Albers, H.E., Wesolowski, S.M., Goldman, B.D. and Leeman, S.E. Vasopressin injected into the hypothalamus triggers a stereotypic behavior in golden hamsters. Science, 224:521-523, 1984.
 15. Albers, H.E., Lydic, R., Gander, P.H. and Moore-Ede, M.C. Role of the

- suprachiasmatic nuclei in the circadian timing system of the squirrel monkey. I. The generation of rhythmicity. Brain Research, 300:275-284, 1984.
16. Albers, H.E., Lydic, R. and Moore-Ede, M.C. Role of the suprachiasmatic nuclei in the circadian timing system of the squirrel monkey. II. Light-dark cycle entrainment. Brain Research, 300:285-293, 1984.
 17. Albers, H.E. and Ferris, C.F. Neuropeptide Y: Role in light-dark cycle entrainment of hamster circadian rhythms. Neuroscience Letters, 50:163-168, 1984.
 18. Stockman, E.R., Albers, H.E. and Baum, M.J. Activity in the ferret: Estradiol effects and circadian rhythms. Animal Behavior, 33:150-154, 1985.
 19. Albers, H.E., Yorgev, L., Todd, R.B. and Goldman, B.D. Adrenal corticoids in hamster: Role in circadian timing. American Journal of Physiology, 248:R434-R438, 1985.
 20. Ferris, C.F., Pollock, J., Albers, H.E. and Leeman, S.E. Inhibition of flank-marking behavior in golden hamsters by microinjection of a vasopressin antagonist into the hypothalamus. Neuroscience Letters, 50:163-168, 1985.
 21. Gander, P.H., Lydic, R., Albers, H.E. and Moore-Ede, M.C. Forced internal desynchronization between circadian temperature and activity rhythms in squirrel monkeys. American Journal of Physiology, 248:R567-R572, 1985.
 22. Albers, H.E. and Ferris, C.F. Behavioral effects of vasopressin and oxytocin within the medial preoptic area of the golden hamster. Regulatory Peptides, 12:257-260, 1985.
 23. Ferris, C.F., Meenan, D.M. and Albers, H.E. Microinjection of kainic acid into the hypothalamus of golden hamsters prevents vasopressin-dependent flank-marking behavior. Neuroendocrinology, 44:112-116, 1986.
 24. Ferris, C.F., Meenan, D.M., Axelson, J.F. and Albers, H.E. A vasopressin antagonist can reverse dominant/subordinate behavior in hamsters. Physiology and Behavior, 38:135-138, 1986.
 25. Albers, H.E. Response of the hamster circadian system to transitions between light and darkness. American Journal of Physiology, 250:R708-R711, 1986.
 26. Albers, H.E. Pollock, J., Simmons, W.H. and Ferris, C.F. A V1-like receptor mediates vasopressin-induced flank marking in hamster hypothalamus. Journal of Neuroscience, 6:2085-2089, 1986.
 27. Albers, H.E. and Ferris, C.F. Role of the flank gland in vasopressin induced scent

- marking behavior in the hamster. Brain Research Bulletin, 17:387-389, 1986.
28. Moline, M.L., Albers, H.E., and Moore-Ede, M.C. Estrogen modifies the circadian timing and amplitude of the luteinizing hormone surge in female hamsters exposed to short photoperiods. Biology of Reproduction, 35:516-523, 1986.
 29. Ferris, C.F., George, J.K. and Albers, H.E. Circadian rhythm of neurotensin levels in rat small intestine. Regulatory Peptides, 15:285-292, 1986.
 30. Ferris, C.F., Axelson, J.F., Shinto, L.H. and Albers, H.E. Scent marking and the maintenance of dominant/subordinate status in male golden hamsters. Physiology and Behavior, 40:661-664, 1987.
 31. George, J.K., Albers, H.E., Carraway, R.E. and Ferris, C.F. Neurotensin levels in the hepatic-portal circulation are inversely related to the circadian feeding cycle in rats. Endocrinology, 121:7-13, 1987.
 32. Albers, H.E., Minamitani, N., Stopa, E. and Ferris, C.F. Light selectively alters vasoactive intestinal peptide and peptide histidine isoleucine immunoreactivity within the rat suprachiasmatic nucleus. Brain Research, 437:189-192, 1987.
 33. Moline, M.L. and Albers, H.E. Response of circadian locomotor activity and the proestrous luteinizing hormone surge to phase shifts of the light-dark cycle in the hamster. Physiology and Behavior, 43:435-440, 1988.
 34. Albers, H.E., Liou, S.Y. and Ferris, C.F. Testosterone alters the behavioral response of the medial preoptic-anterior hypothalamus to microinjection of arginine vasopressin in the hamster. Brain Research, 456:382-386, 1988.
 35. Ferris, C.F., Singer, E., Meenan, D.M. and Albers, H.E. Inhibition of vasopressin-stimulated flank marking behavior by V1-receptor antagonists. European Journal of Pharmacology, 154:153-159, 1988.
 36. Stopa, E.G., Minamitani, N., Jonassen, J.A., King, J.C., Wolfe, H., Mobtaker, H. and Albers, H.E. Localization of vasoactive intestinal peptide and peptide histidine isoleucine immunoreactivity and mRNA within the rat suprachiasmatic nucleus. Molecular Brain Research, 4:319-325, 1988.
 37. Albers, H.E. and Rowland, C.M. Ovarian hormones influence odor stimulated flank marking behavior in the hamster (Mesocricetus auratus). Physiology and Behavior, 45:113-117, 1989.
 38. Liou, S.Y., and Albers, H.E. Single unit response of suprachiasmatic neurons to arginine vasopressin (AVP) is mediated by a V1-like receptor in the hamster. Brain Research, 477:336-343, 1989.

39. Albers, H.E. and Rawls, S. Coordination of hamster lordosis and flank marking behavior: Role of arginine vasopressin (AVP) within the medial preoptic-anterior hypothalamus (MPOA-AH). Brain Research Bulletin, 23:105-109, 1989.
40. Albers, H.E., Stopa, E.G., Zoeller, R.T., Kauer, J.S., King, J.C., Fink, J.S. Mobtaker, H. and Wolfe, H. Day-night variation in prepro vasoactive intestinal peptide/peptide histidine isoleucine mRNA within the rat suprachiasmatic nucleus. Molecular Brain Research, 7:85-89, 1990.
41. Albers, H.E., Ottenweller, J.E., Liou, S.Y., Lumpkin, M.D. and Anderson, E.R. Neuropeptide Y in the hypothalamus: Effect on corticosterone and single-unit activity. American Journal of Physiology, 258:R376-R382, 1990.
42. Liou, S.Y., Shibata, S., Albers, H.E., and Ueki, S. Effects of GABA and anxiolytics on the single unit discharge of suprachiasmatic neurons in rat hypothalamus slices. Brain Research Bulletin, 25:103-107, 1990.
43. Liou, S.Y. and Albers, H.E. Single unit response of neurons within the hamster suprachiasmatic nucleus to GABA and low chloride perfusate during the day and night. Brain Research Bulletin, 25:93-98, 1990.
44. Zoeller, R.T., Kabeer, N. and Albers, H.E. Cold exposure elevates cellular levels of messenger ribonucleic acid encoding thyrotropin-releasing hormone in paraventricular nucleus despite elevated levels of thyroid hormones. Endocrinology, 127:2955-2962, 1990.
45. Albers HE, Rowland CM and Ferris CF. "Neurochemistry of circadian timing", In: The Suprachiasmatic Nucleus: The Mind's Clock, Klein, D.C., Moore, R.Y. and Reppert, S.M., Oxford University Press, 263-288, 1991.
46. Albers, H.E., Rowland, C.M. and Ferris, C.F. Arginine-vasopressin immunoreactivity is not altered by photoperiod or gonadal hormones in the Syrian hamster (Mesocricetus auratus). Brain Research, 539:137-142, 1991.
47. Albers, H.E., Liou, S.Y., Stopa, E.G. and Zoeller, R.T. Interaction of colocalized neuropeptides: Functional significance in the circadian timing system. Journal of Neuroscience, 11:846-851, 1991.
48. Cohen, R.A. and Albers, H.E. Disruption of human circadian and cognitive regulation following a discrete hypothalamic lesion: A case study. Neurology, 41:726-729, 1991.
49. Liou, S.Y. and Albers, H.E. Single unit response of neurons within the hamster suprachiasmatic nucleus to neuropeptide Y. Brain Research Bulletin, 27:825-828,

- 1991.
50. Albers, H.E., Liou, S.Y., Stopa, E.G., and Zoeller, R.T. Neurotransmitter colocalization and circadian rhythms. Progress in Brain Research, 92:289-308, 1992.
 51. Hennessey, A.C., Whitman, D.C. and Albers, H.E. Microinjection of arginine-vasopressin into the periaqueductal gray stimulates flank marking in Syrian hamsters (Mesocricetus auratus). Brain Research, 569:136-140, 1992.
 52. Albers, H.E., and Prishkolnik, J. Sex differences in odor-stimulated flank marking golden hamster (Mesocricetus auratus). Hormones and Behavior, 26:229-339, 1992.
 53. Albers, H.E., Hennessey, A.C., and Whitman, D.C. Vasopressin and the regulation of hamster social behavior. Annals of the New York Academy of Sciences, 652:227-242, 1992.
 54. Zoeller RT, Broyles B, Earley J, Anderson ER and Albers HE. Cellular levels of messenger RNAs encoding VIP/PHI and gastrin releasing peptide (GRP, Bombesin) exhibit different 24hr rhythms in the rat SCN. Journal of Neuroendocrinology, 4: 119-124, 1992.
 55. Hennessey AC and Albers HE. Afferent projections of the hamster periaqueductal gray: A neural site where vasopressin can stimulate flank marking. Annals of the New York Academy of Sciences, 652:466-469, 1992.
 56. Whitman DC, Hennessey AC and Albers HE. Norepinephrine inhibits vasopressin-stimulated flank marking in the Syrian hamster by acting within the medial preoptic-anterior hypothalamus. Journal of Neuroendocrinology, 4:541-546, 1992.
 57. Zoeller RT, Kabeer N and Albers HE. Molecular mechanisms of signal integration in hypothalamic neurons. American Zoologist, 33:244-254, 1993.
 58. Huhman, K.L., and Albers, H.E. Estradiol increases the behavioral response to arginine vasopressin in the medial preoptic-anterior hypothalamus. Peptides, 14:1049-1054, 1993.
 59. Huhman, K.L. and Albers, H.E. Neuropeptide Y microinjected into the suprachiasmatic region phase shifts circadian rhythms in constant darkness. Peptides, 15:1475-1478, 1994
 60. Clancy, A.N., Whitman, D.C., Michael, R.P. and Albers, H.E. Distribution of androgen receptor-like immunoreactivity in the brains of intact and castrated male hamsters. Brain Research Bulletin, 33:325-332, 1994.

61. Peters, R.V., Zoeller, R.T., Hennessey, A.C., Stopa, E.G., Anderson, G. and Albers, H.E. The control of circadian rhythms and the levels of vasoactive intestinal peptide mRNA in the suprachiasmatic nucleus are altered in spontaneously hypertensive rats. Brain Research, 639:217-227, 1994.
62. Hennessey, A.C., Huhman, K.L. and Albers, H.E. Vasopressin and sex differences in hamster flank marking. Physiology and Behavior, 55:905-911, 1994.
63. Hennessey, A.C., Wilson, M.E. and Albers, H.E. Somatostatin mRNA within the periventricular nucleus are regulated by estradiol and insulin-like growth factor-I in immature female rats. Molecular and Cellular Neurosciences, 5:540-548, 1994.
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