

CURRICULUM VITAE
of
MICHAEL HALE SMOLENSKY

Education:

University of Illinois, Urbana, Illinois; B.S. (Zoology); June 1964
University of Illinois; M.S. (Physiology); August 1966*
University of Illinois; Ph.D. (Physiology); August 1971*

*C.I.C. Biometeorology Fellow (1964-1970) for study at the University of Illinois-Champaign/Urbana, September 1964 to August 1966 (Department of Physiology), University of Wisconsin-Madison (Department of Meteorology), September 1966 to March 1968 and University of Minnesota-Minneapolis (Department of Pathology, Chronobiology Laboratories), March 1968 to August 1970.

M.S. Thesis: Twenty-Four-Hour Rhythm in Susceptibility of Humans to Physical Stress

Doctoral Dissertation: *Quantification of Human Circadian and Circannual Population Rhythms in Natality, Morbidity, and Mortality; and Circadian Susceptibility of Male Inbred C-Mice to Certain Side Effects of Methylprednisolone.*

Research Expertise and Interests:

Medical and Public Health Chronobiology, Sleep and Shiftwork, Environmental and Occupational Health, Environmental Physiology, Human Ecology, Biometeorology, Toxicology/Pharmacology, Hypertension, Asthma, Cardiovascular Disease, Gender Health.

Past/Present Course Offerings:

Environmental Physiology
Overview of Environmental Health
Medical and Public Health Chronobiology (Biological Rhythms)
Medical Geography (Jointly with Dr. Irina Cech and Keith Burau)
Water Environment (Jointly with Drs. Irina Cech and Keith Burau)
Individual Studies: chronobiology, biometeorology, environmental physiology, shiftwork, chronopharmacology/ chronotoxicology

Academic Appointments/Affiliations:

Professor of Environmental Sciences, September 1988 to present, The University of Texas-Houston Health Sciences Center, School of Public Health.

Adjunct Professor Biomedical Engineering, The University of Texas-Austin (Since 2004)

Assistant Professor of Environmental Physiology, August 1, 1970, through August 31, 1974, The University of Texas-Houston Health Science Center, School of Public Health

Associate Professor of Environmental Physiology (with tenure), August 31, 1974, to September 1988, The University of Texas-Houston Health Science Center, School of Public Health.

Graduate School of Biomedical Sciences, The University of Texas-Houston Health Science Center (1978-2000)

School of Allied Health Sciences, The University of Texas-Houston Health Science Center, Program in Respiratory Therapy (1980-88)

Medical School, The University of Texas-Houston Health Science Center, Department of Internal Medicine, Division of Pulmonary Medicine, at Houston (1983-2002)

Graduate Faculty, University of Texas-Austin, Department of Biomedical Engineering (since March, 2004)

Faculty Associate, Gazi University, Department of Pharmacology, Ankara, Turkey (Since 1998)

Faculty Associate, Tel Aviv University, Sackler School of Medicine, Department of Human Genetics (Since 1996)

Administration Duties/Appointments

Convener: Environmental Sciences Discipline, University of Texas-Houston, School of Public Health (1999-2001 & 2003-2004)

Director: Memorial-Hermann Center of Clinical Chronobiology and Chronotherapeutics (teaching and research patient care center for the University Texas-Houston Medical School, Texas (1991-2001)

Journal Editor:

Founder and Senior-Editor-in-Chief (1984-current): *Chronobiology International* (Taylor and Francis)

Founder and Co-Editor-in-Chief (1984-1990): *Annual Review of Chronopharmacology* (Pergamon Press).

Committees Memberships (Local, State, National and International):

National Institutes of Health Heart, Lung and Blood Institute: Member, advisory board for sleep research (Since June 2006)

Executive Committee, Biomedical Engineering Program Graduate Student Committee (since January, 2005)

Gender Health: Agency for HealthCare Quality and Research, DHHS (Since April, 2004)

Member: Sleep Disorders Research Advisory Board, NHLBI, NIH (Since December, 2004)

The Food and Drug Administration, Cardioresenal Division (*ad hoc*, since 1994).

Vice-President, American Association of Medical Chronobiology and Chronotherapeutics (since 1998).

Board member, Society for Light Therapy and Biological Rhythms (Since 2001)

Board Member, Working Time Society (Shift Work and Night Work), Since 2003.

Board Member: International Society of Chronobiology (1991-2001)

Board member: Cypress Creek Emergency Medical Association (1976-1986)

Board member: Life-Flight Medivac Development Committee (1977-1980)

Texas Allergy Research Foundation (1972-1992).

NASA-JSC Astronaut Circadian Shifting Committee, 1991-1994.

United States Navy, San Diego, (Environmental Physiology): Issues Relating to (1) Shift Work and Performance and (2) Health Effects of Unusual Work Environments (1982-1990).

Organizer: National and International Conferences and Meeting Sessions:

Organizing Committee, 2nd International Congress of Medical and Applied Chronobiology, March, 2007 (Tunis, Tunisia)

Co-organizer and a presenter: Conference session of *Chronobiology and Chronotherapeutics*. 15th World Congress of Pharmacology (IUPHAR2006), Beijing, China, July 5, 2006

Co-organizer 1st International Congress of Medical and Applied Chronobiology, May 31-June 6, 2005, Antalya (Kemer), Turkey and Organizer and Moderator of Sessions on Gender Medicine

Co-organizer: Joint Meeting of the Society of Light Therapy and Biological Rhythms and American Association of Medical Chronobiology and Chronotherapeutics, May, 2004, Toronto, Canada

Organizer and a presenter: Workshop – “Circadian Rhythms in COPD, Ischemic Heart Disease and Special Treatment Options”, American Thoracic Society, May, 2003, Seattle, Washington

Organizing Committee: 16th International Symposium of Night and Shiftwork, Santos, Brazil November 18-21, 2003.

Organizer and a presenter: Workshop -“Body Clocks, Allergic Disease and Clinical Medicine” American College of Allergy, Asthma and Immunology, November 17, 2002, San Antonio, Texas

Co-Organizer: International Symposium on the Use of 24-Hour Ambulatory Blood Pressure Data for the Evaluation and Management of Blood Pressure Disorders in Children and Adolescents, April 15-17, 1999, Woodlands, Texas

Co-Organizer: Joint Meeting of the 8th International Congress of Chronopharmacology and Chronotherapeutics and American Association of Medical Chronobiology and Chronotherapeutics, August 24-28, 1999, Williamsburg, Virginia

Organizing Committees: International Conferences of Chronopharmacology and Chronotherapeutics, 1984 (Montreau, Switzerland), 1986 (Montreau, Switzerland), 1988 (Montreau, Switzerland), 1990 (Nice, France), 1992 (Nice, France) 1994 (Amelia Island, Florida) and 1996 (Amelia Island, Florida)

Advisor, Chairman and Moderator: American Medical Association Press Briefing on Medical Chronobiology and Chronotherapeutics, February 29, 1996, New York, NY

Co-Organizer New York Academy of Sciences Conference: Time-Dependent Structure and Control of Arterial blood Pressure, September 1995 (Ferrara, Italy)

Active International Collaborative Research Programs:

Israel: University of Tel Aviv Department of Human Genetics (Dr. Israel Ashkenazi): Genetic Aspects of Circadian Rhythm of Blood Pressure in Hypertension

Turkey: Gazi University Departments of Public Health and Pharmacology (Dr. Hakan Zengil and associates): Population Studies of Hypertension Using Circadian Rhythm Methods—Genetic and Environmental Attributes

Brazil: University of San Paulo School of Public Health (Dr. Frida Fischer and colleagues), Adaptation and Stress of Shift-Working nursing

Spain: University of Vigo-Vigo (Dr. Ramon Hermida), Chronopharmacology and chronotherapy of blood pressure-lowering medications

Special Journal Issues (Edited):

Smolensky M.H., Peppas N. Guest Co-editors: Chronotherapeutics and Drug Delivery Technology. *Advances in Drug Delivery Research*. In preparation for 2007.

Supporting Editor: Proceedings, 17th International Symposium of Shift Work and Working Time –Vital Working Hour Schemes: The Dynamic Balance between Various Interests. *Chronobiology International* 23(6), 2006

Supporting Editor: Proceedings, 16th International Symposium of Shift Work and Working Time- Equality and Working Time: A Challenge to Achieve. *Chronobiology International* 21(6), 2004.

Supporting Editor: Special Issue - Cancer Chronotherapeutics. *Chronobiology International* 19(1), 2002.

Smolensky M.H., Martin R.J. Guest Co-editors - Special issue: Nocturnal Asthma. *Chronobiology International* 16(5), 1999.

Portaluppi F., Smolensky M.H. (Eds.) - Time-Dependent Structure and Control of Arterial Blood Pressure.. *Annals of the New York Academy of Sciences*, vol. 783, 1996.

Monographs:

- Smolensky M.H. Circadian Rhythm and Cardiovascular Disease. *Milestones in Hypertension*. 2001;6:1-8 (Monograph)
- Smolensky M.H. Medical Chronobiology and Chronotherapeutics with Applications to COPD. *Chronotherapeutics and Chronic Obstructive Pulmonary Disease*. Power-Pak, 1999; pp 8-15 (Monograph)
- Smolensky MH and Martin RJ (Eds.). *Taking Your medication: A Question of Timing. A Patient Guide to Chronotherapy*. American Medical Association, 1997 (Patient Booklet)
- Smolensky M.H. and Carter B. (Eds). *New Concepts in Pharmacy Practice: Chronopharmacology and Chronotherapeutics*. American Council of Pharmaceutical Education. (ACPE #008-999-96-052-H01), (23 pages). The University of Colorado School of Pharmacy, Denver, Colorado, 1996 (Monograph)
- Martin RJ, D'Alonzo G.E. and Smolensky M.H. *Chronotherapeutic Strategies for Nocturnal Asthma and COPD: Emphasis on the Use of Theophylline*. Caduceus, Pawling, NY (18 pages), 1994 (monograph)
- Smolensky M.H. *Biological Rhythms and Asthma. The Four O'Clock Flower and Airways Caliber*. The Purdue Frederick Co., Ct. (17 pgs), 1992 (Monograph)

Books (Authored and Edited):

- Smolensky M.H. and Lamberg L. *The Body Clock Guide to Better Health*. NY, Henry Holt and Company, May, 2000, 428pp
- Reinberg A., Labrecque G. and Smolensky M. H. *Chronobiologie et Chronotherapeutique. Heure optimale d'administration des medicaments*. Medecine-Sciences Flammarion, Paris, France, 1st edition, 1991.
- Reinberg A. and Smolensky M. *Biological Rhythms and Medicine*, Springer-Verlag, NY, 1983
- Smolensky M.H., Reinberg A. and McGovern J.P. (Eds.). *Recent Advances in the Chronobiology of Allergy and Immunology*. Pergamon Press, Oxford, 1980.
- McGovern J.P., Smolensky M.H. and Reinberg, A.(Eds.). *Chronobiology in Allergy and Immunology*, C.C. Thomas, Springfield, Illinois, 1977

Juried Publications:

- Batschelet E., Hillman D, Smolensky M.H., Halberg F. Angular-linear correlation coefficient for rhythmometry and circannually changing human birth rates at different geographic latitudes. *Int. J. Chronobiology* 1(3):183-202, 1973.
- Reinberg A., Smolensky M.H., Ghata, G. Gervais A., Gervais P. Approche chronobiologique des rythmes mensuels des femms saines spontanément régels. *Annales d'Endocrinologie* 35:309-310, 1974.

- McGovern J.P., Smolensky M.H., Reinberg A. Chronobiology and allergic disease. *Advances in Asthma and Allergy* 3(1):22-37, 1974.
- Smolensky M.H., Kraft I.A., Sothorn R.B., Downs T.D., Eifler C.W., Mealy E.A. Circadian rhythmicity in pulse rate and duration of cardiac cycle (P-P interval) in donor and recipient cardiac tissue of heart homograph patients. *Texas Reports on Biology and Medicine* 33(4):533-548, 1975.
- McHugh R.B., Smolensky M.H., Halberg F. Biological rhythm experimentation: A longitudinal design and analysis. *Chronobiologia* 2(1):1-12, 1975.
- Smolensky M., Samueloff S., Harlevy B., McDonald E., Reinberg A. Circannual rhythm of cardiac mortality: An attempt to identify possible endogenous and exogenous factors. *Israel J. Med. Sci.* 12(8):818-827, 1976.
- Cech I., Smolensky M.H., Lane R., Harlevy B., Samueloff S. Biometeorologic aspects of short-term fluctuations of cardiac mortality in Jerusalem and Tel-Aviv studied by lagged cross-covariance analysis. *Israel J. Med. Sci.* 12(8):828-831, 1976.
- Weinmann S., Dawson, E.B., Smolensky M.H., Weisberg R.F., Lane B., Bryan S. Effects of oral contraceptives on rhythmic urinary metal excretion. *Am. J. Ob. Gyn.* 124(7):719-722, 1976.
- Smolensky M.H., Bergman S.A., Barnard C.N., Beck W., Kraft I. Circadian rhythmic characteristics of innervated and non-innervated cardiac tissues of single and double-heart transplanted patients. *Cardiovascular Disease Bulletin, Texas Heart Institute* 3(2):150-168, 1976.
- Smolensky M.H., Reinberg A. The chronotherapy of corticosteroids: A practical application of chronobiological findings to clinical and hospital nursing. *J. Nursing Clinics* 11(4):609-620, 1976.
- Cech I., Smolensky M.H. Daily and seasonal cardiovascular mortality patterns in Houston. *Cardiovascular Disease Bulletin, Texas Heart Institute* 3(4):370-381, 1976.
- Gervais P., Reinberg A., Gervais C., DeFrance O., Smolensky M.H. Twenty-four-hour rhythm in bronchial hyperactivity to house dust in asthmatics. *J. Clin. Allergy Immunol.* 59:207-214, 1977.
- Hartung H.O., Smolensky M.H., Harrist R., Skrovan C. Effects of varied durations of physical training on improvement in cardiorespiratory endurance. *J. Human Ergol.* 6:61-68, 1977.
- Smolensky M.H., Tatar S.E., Bergman S.A., Losman, J.G., Barnard C.N., Dacso C.C., Kraft I.A. Circadian rhythmic aspects of cardiovascular function. A review by chronobiologic statistical methods. *Chronobiologia* 3:337-371, 1977.
- Bafitis H., Smolensky M., Hsi, B., Mahoney S., Kresse.H. A circadian susceptibility-resistance cycle to potassium cyanide in male Balb/cCr mice. *J. Pharmacol. Toxicol.* 11:251-258, 1978.
- Gonzales E.A., Cech I., Smolensky M.H. Sodium in drinking water: Information for clinical application. *Southern Medical Journal* 72:753-755, 1979.

- Cech I., Smolensky M.H., Gonzales E.A. Excessive sodium in drinking water. *Southern Medical Journal* 73:639-641, 1979.
- Cech I., Youngs K., Smolensky M.H., F. Sargent II. Meteorotropic considerations in day-to-day and seasonal fluctuations of urban mortality in Houston. *Int. J. Biometeorology* 23(2):77-87, 1979.
- Emery J.C., Furry D.E., Sacks E.J., Kapadia A.S., Smolensky M.H. Medical barofunction testing of aviators with otorhinolaryngologic disease. *Aviation, Space and Environmental Medicine J.* 50:1062-1066, 1979.
- Kapadia A., Hsi B., Smolensky M., McInnis M. Application of stochastic processes to data arising from cancer treatment trials. *Estadistica* 121:208-214, 1979.
- Cech I., Smolensky M.H., Lane R., Nagata H., Takahashi Y., Morimoto T. Day-to-day and seasonal fluctuations of urban mortality in Kyoto, Japan. *Int. J. Biometeorology* 23(2):89-105, 1979.
- Reinberg A., Vieux N., Chaumont A.J., Laporte A., Smolensky M., Nicolai A., Abulker Ch., Dupont J. Aims and conditions of shift-work studies. In: Chronobiological Field Studies of Oil Refinery Workers, *Chronobiologia* 4(Suppl 1):7-21, 1979.
- Reinberg A., Vieux N., Andlauer P., Smolensky M., Ghata J., LaPorte A., Nicolai A. Concluding remarks. Shift-work tolerance: Perspectives based upon findings derived from chronobiologic field studies on oil refinery workers. Chronobiological Field Studies of Oil Refinery Workers, *Chronobiologia* 4(Suppl 1):105-110,1979.
- Gombeski W.R., Smolensky M.H. An evaluation of non-emergency health transportation needs of the rural elderly of Houston County, Texas. *Gerontologist* 20:452-456, 1980.
- Snyder N.K., Smolensky M.H., His B.P. Circadian variation in the susceptibility of male Balb/C mice to ifosfamide. *Chronobiologia* 8(1):33-44, 1981.
- Smolensky M.H., Reinberg A., Queng.J. Chronobiology and chronopharmacology of allergy. *Ann. Allergy* 47(4):234-252, 1981.
- Reinberg, A., Clench J., Dziewanowska Z., Ghata J., Smolensky M.H. Circadian changes in the bioavailability and effects of indomethacin demonstrated in 9 healthy subjects given single doses of 100 mg for testing at 5 different time points. *J.Clin. Pharmacol.* 20:359-369, 1981.
- Smolensky M.H., Reinberg A., Bicakova-Rocher A., Sanford J. Indirect evidence of circannual changes in the sexual activity of human males. *Chronobiologia* 8:217-230, 1981.
- Smolensky M.H., Lee E., Mott D., Colligan M. A health profile of American flight attendants (FA). *J. Human Ergol.* 11 (Suppl.):103-119, 1982.
- Reinberg A., Smolensky M.H., Levi F. Clinical chronopharmacology: Aims and perspectives. *Biomed.* 34:171-178, 1982.

- Tjoa W.K., Smolensky M.H., Smith K., Steinberger E., Hsi B. Circannual rhythms in human sperm count documented by serially independent sampling. *J. Fertility and Sterility* 38:454-459, 1982.
- Reinberg A., Smolensky M.H. Circadian changes of drug disposition in man. *Clinical Pharmacokinetics* 7:401-420, 1982.
- McGovern J.P., Queng J.T., Smolensky M.H.. On clinical applications of chronobiology in the treatment of allergic disease. *The Medical Journal of St. Joseph Hospital Houston* 17(4):173-184, 1982.
- Reinberg A., Vieux N., Andlauer P., Smolensky M.H. Tolerance to shift work: A chronobiologic approach. *Adv. Biol. Psychiat.* 11:35-47, 1983.
- Reinberg A., Smolensky M.H. Chronobiology and thermoregulation. *Pharmacol. Therapeutics.* 22:425-464, 1983.
- D'Eramo J.E., DuPont H.L, Preston G.A, Smolensky M.H., Roht L.H. The short and long-term effects of a handbook on antimicrobial prescribing patterns of hospital physicians. *Infection Control* 4:209-214, 1983.
- Reinberg A., Smolensky M.H., Levi F. Aspects of clinical chronopharmacology. *Cephalalgia* 3(Suppl 1):69-78, 1983.
- Reinberg A., Levi F., Smolensky M.H. Clinical pharmacokinetics. *J. Pharmacol.(Paris)* 15 (Suppl 1):95-124, 1984.
- Jonkman J., Smolensky M.H. Chronopharmacology of theophylline with special reference to age. *Ann. Rev. Chronopharmacol.* 1:73-76, 1984.
- Kramer W., Scott P., Smolensky M.H., Harrist R., Hiatt P., Baenziger J., Klank B., Eigen. H. Circadian rhythms in steady-state theophylline pharmacokinetics in children. *Ann. Rev. Chronopharmacol.* 1:77-80, 1984.
- Scott P., Harrist R., Smolensky M.H., Hiatt P. Baenzinger J, Klank B., Eigen H. The effect of sustained-release theophylline on the circadian variation of pulmonary function in pediatric asthmatic patients. *Ann. Rev. Chronopharmacol.* 1:89-92, 1984.
- Harrist R., Smolensky M.H., Scott P. An experimental design for evaluating treatment effects and circadian rhythm in respiratory function. *Ann. Rev. Chronopharmacol.* 1:177-180, 1984.
- Fisch J., Yonovitz A., Smolensky M.H. The effect of circadian rhythm on kanamycin-induced hearing loss. *Ann. Rev. Chronopharmacol.* 1:385-388, 1984.
- Flannigan S.A., Smolensky M.H., Harrist R., Brown R., Menon V., McGovern J.P. Scapular reactivity to contact irritants: application-time and area variations. *Chronobiologia* 11:93-107, 1984.
- Flannigan S.A., Smolensky M.H., Harrist R., Brown R., Machinski G., McGovern J. Time considerations in scoring contact irritant patch test sites. *Contact Dermatology* 9(6):519, 1984.

- Scott P.H., Kramer W.G., Smolensky M.H., Harrist R. Circadian rhythms in theophylline pharmacodynamics in asthmatic children. *Brit. J. Clin. Pract.* 38(Suppl 35):57-63, 1984.
- Reinberg A., Smolensky M.H., McGovern J.P. Concepts en chronopharmacologie clinique. *La Pharmacie Biologiste* 158:45-50, 1985.
- Langlois P.H., Smolensky M.H., Hsi B.P., Weir F. Temporal patterns of reported single-vehicle car and truck accidents in Texas, U.S.A, during 1980-1983. *Chronobiol. Int.* 2(2):131-146, 1985.
- Smolensky M.H., Reinberg A. Chronobiology and biometeorology. *Int.J.Biometeorology* 29(Suppl 2):149-164, 1985.
- Bicakova-Rocher A., Smolensky M.H., Reinberg A. Seasonal variations in socially and legally unacceptable sexual behavior. *Chronobiol. Int.* 2:203-208, 1985.
- Reinberg A., Smolensky M.H., Labrecque G., Levi F., Cambar J. Biological rhythms and exposure limits to potentially noxious agents. *Assn. Am. Conf. Ind. Hyg.* 12:89-98, 1985.
- Labrecque G., Reinberg A., Smolensky M.H. Rythmes biologiques et medicaments. Method porer optimiser la pharmacotherapie. *Act. Med.* 6:34-36, 1985.
- Reinberg A., Smolensky M.H., Labrecque G. New aspects in chronopharmacology. *Ann.Rev. Chronopharmacol.* 2:3-26, 1986.
- Smolensky M.H., Scott P.H., Barnes P.J., Jonkman J.H. The chronopharmacology and chronotherapy of asthma. *Ann. Rev. Chronopharmacol.* 2:229-274, 1986.
- Tamashiro H., Arakaki M., Akagi H., Hirayama K., Smolensky M.H. Methylmercury toxicity in spontaneously hypertensive rats (SHR). *Bull. Environ. Contam. Toxicol.* 36:668-673, 1986.
- Smolensky M.H., Albright D., Hsi B., Scott P.H., McGovern J.P. Sustained-release theophylline at 12-hour intervals does not alter staging of circadian rhythms. *Ann. Rev. Chronopharmacol.* 3:131-133, 1986.
- Smolensky M.H., Scott P.H., Albright D., McGovern J.P. Circadian difference in theophylline effect during constant rate infusion with aminophylline. *Ann. Rev. Chronopharmacol.* 3:139-142, 1986.
- Tamashiro H., Arakaki M., Akagi H., Murao K., Kirayama K., Smolensky M.H., Hsi B. Chronotoxicity of methylmercury chloride in BALB/c mice. *Ann. Rev. Chronopharmacol.* 3:95-98, 1986.
- Scott P., Smolensky M.H., Kramer W., Harrist R. Clinical relevance of day/night patterns of theophylline concentrations in asthmatic children. *Ann. Rev. Chronopharmacol.* 3:129, 1986.
- Reinberg A., Pauchet F., Ruff F., Gervais A., Smolensky M.H., Levi F., Gervais P., Chaouat D., Zidani R., Abella M. The advantage of once-daily evening versus morning sustained release theophylline dosing for nocturnal asthma. *Ann. Rev. Chronopharmacol.* 3:147-150, 1986.
- Harrist R., Smolensky M.H., Kramer W. Comparison of the effect of sustained release theophyllines (SRT) in asthmatic children. *Ann. Rev. Chronopharmacol.* 3:153-156, 1986.

- Kramer W., Scott P.H., Smolensky M.H., Harrist R., Hiatt P., Baenziger J., Klank B., Eigen H. Effect of time of once-daily dosing on serum theophylline concentration at steady-state. *Ann. Rev. Chronopharmacol.* 3:151-152, 1986.
- Tamashiro H., Arakaki M., Akagi H., Murao K., Hirayama K., Smolensky M.H. Effects of ethanol on methyl mercury toxicity in rats. *J. Toxicol. Environ. Health* 18:595-605, 1986.
- Smolensky M.H., Scott P.H., Kramer W. Clinical significance of day-night differences in serum theophylline concentration with special reference to TheoDur. *J. Allergy Clin. Immunol.* 78: 716-722, 1986.
- Tamashiro H., Arakaki M., Akagi H., Hirayama K., Murao K., Smolensky M.H. Sex differential of methylmercury toxicity in spontaneously hypertensive rats (SHR). *Bull. Environ. Contam. Toxicol.* 37:916-924, 1986.
- Smolensky M.H., Barnes P.J., Reinberg A., McGovern J.P. Chronobiology and asthma. I. Day-night differences in bronchial patency and dyspnea and circadian rhythm dependencies. *J. Asthma* 23(6):321-343, 1986.
- Vener K., Moore J., Szabo S., Smolensky M.H. Summary and perspectives: Chronobiology and ulcerogenesis in 1987. *Chronobiol. Int.* 4(2):117-122, 1987.
- Randem B., Smolensky M.H., Hsi B., Albright D., Burge S. Field survey of circadian rhythm in PEF of electronics workers suffering from colophony-induced asthma. *Chronobiol.Int.* 4(3):263-272, 1987.
- Smolensky M.H., McGovern J.P., Scott P.H., Reinberg A. Chronobiology and asthma. II. Day-night differences in the kinetics and effects of bronchodilator medications. *J. Asthma* 24(2):91-134, 1987.
- Smolensky M.H. Chronobiology and epidemiology. *Pathol. Biol.* 35(6):991-1004, 1987.
- Smolensky, M.H. D'Alonzo G.E., Kunkel G., Barnes P.J. Sustained-release theophylline and nocturnal asthma, role of once-daily and unequal dosing schedules (editorial). *Chronobiol. Int.* 4(3):301, 1987.
- Smolensky M.H., D'Alonzo G.E., Kunkel G. and Barnes P.J. Day-night patterns in bronchial patency and dyspnea: basis for once-daily and unequally divided, twice daily theophylline schedules. *Chronobiol. Int.* 4(3):303-317, 1987.
- Reinberg A., Pauchet F., Ruff F., Gervais A., Smolensky M.H., Levi F., Gervais P., Chaout D., Zidani R. Comparison of once-daily evening versus morning sustained-release theophylline dosing for nocturnal asthma. *Chronobiol. Int.* 4(3):409-420, 1987.
- Frankoff H.M., Smolensky M.H., D'Alonzo G.E., Gianotti L., Hsi B., McGovern J.P. Comparison of sustained-release theophylline scheduled conventionally (twice-daily, equal interval in equal amount) versus once-daily mornings or evenings on circadian pattern of bronchial patency in adult asthmatics. *Chronobiol. Int.* 4(3):421-433, 1987.
- Smolensky M.H., Scott P.H., Harrist R., Hiatt H., Wong T., Baenziger J.C., Klank B., Marbella A., Meltzer A. Administration-time-dependency of pharmacokinetic behavior and therapeutic effect of a once-a-day theophylline in asthmatic children. *Chronobiol. Int.* 4(3):435-447, 1987.

- Smolensky M.H., D'Alonzo G.E., Kunkel G., Barnes P.J. Summary and perspectives: sustained-release theophylline and nocturnal asthma, role of once-daily and unequal dosing schedules. *Chronobiol. Int.* 4(3):459-466, 1987.
- Reinberg A., Levi F., Smolensky M.H. Chronobiologie et Pathologie infectieuse. *Med. Mal. Inf.* 17:348-350, 1987.
- Reinberg A., Smolensky M.H., Labrecque G., Hallek M. Aspects of chronopharmacology and chronotherapy in children. *Chronobiologia* 14:303-325, 1987.
- Smolensky M.H., D'Alonzo, G.E. Nachtelijk astma: de invloed van het circadiane ritme en chronotherapeutische behandelingswijzen. *Airways* 7:2-12, 1988.
- Smith, K.D., Smolensky M.H., Reinberg A.E, Hallek M. Annual variation in sperm characteristics and plasma hormone levels in men undergoing vasectomy. *Fertility-Sterility* 49:309-315, 1988.
- Reinberg A., Gervais P., Levi F., Smolensky M.H., Del Cerro L., Ugolini C. Circadian and circannual rhythms of allergic rhinitis. A chronoepidemiologic study. *J. Allergy Clin. Immunol.* 81:51-62, 1988.
- Reinberg A., Bicakova-Rocher A., Levi F., Smolensky M.H. The jet lag pill or chronobiotic: no clinical evidence as yet. *Ann. Rev. Chronopharmacology* 4:171-208, 1988.
- Reinberg A., Smolensky M.H., D'Alonzo G.E., McGovern J.P. Chronobiology and asthma. III. Timing corticotherapy to biological rhythms to optimize treatment goals. *J. Asthma* 25(4):219-248, 1988.
- Smolensky M.H. Medical chronobiology. *Amer. J. Medicine* 85(Suppl 1b): 34-46, 1988.
- Smolensky M.H., McGovern J.P. Once-daily theophylline formulations: chronopharmacologic considerations and evaluative criteria. *Royal Soc. Med., Sym. Series*, 1988.
- Brown A., Smolensky M.H., D'Alonzo G.E., Frankoff H. Circadian chronesthesia of the airways of healthy adults to the β -agonist bronchodilator isoproterenol. *Ann. Rev. Chronopharmacol.* 5:163-166, 1988.
- Frankoff H.M., Smolensky M.H., D'Alonzo G.E., Hsi B., Tomlinson J. Kinetic comparison of plasma theophylline concentration due to Theo-Dur treatment scheduled conventionally twice daily with once-daily mornings or evenings in asthmatics. *Ann. Rev. Chronopharmacol.* 5:167-170, 1988.
- Meltzer A.A., Smolensky M.H., D'Alonzo G.E., Harrist R.B., Scott P.H. Comparison of the relationship between two measures of bronchial patency, peak flow (PEF) and forced expiratory volume (FEV₁) over 24 hours under steady-state theophylline treatment. *Ann. Rev. Chronopharmacol.* 5:197-200, 1988.
- Marbella A., Graham D., Smolensky M.H. Seasonal variation in the incidence of bleeding ulcer. *Ann. Rev. Chronopharmacol.* 5:307-309, 1988.
- Auvil-Novak S.E., Novak R.D., Smolensky M.H., Kavanagh J.J, Kwan J.W. Twenty-four-hour variation in self-administration of morphine sulfate and hydromorphone by post-surgical gynecologic cancer patients. *Ann. Rev. Chronopharmacol.* 5:343-346, 1988.

- Levi F., Adam R., Soussan A., Caussanel J.P., Benavides M, Misset J.L., Burki F., Reinberg A., Smolensky M., Bismuth H., Mathe.G. Chronotherapie ambulatoire de 5 jours par perfusion intraveineuse de 5-fluorouracile avec modulation circadienne du debit dans le traitement des cancers recto-coliques. Resultats preliminaires. *Cancer Communication* 2(5)(suppl):50-52, 1988.
- Meltzer A.A., Smolensky M.H., D'Alonzo G.E., Harrist R.B., Scott P.H. An assessment of peak expiratory flow as a surrogate measurement of FEV₁ in stable asthmatic children. *Chest* 96:329-333, 1989.
- Scott P.H., Kramer W.G., Smolensky M.H., Harrist R., Hiatt P.W., Baenzigar J.C., Klank B.J., Eigen H. Day-night differences in steady state theophylline pharmacokinetics in asthmatic children. *Chronobiol. Int.* 6:163-171, 1989.
- Albright D., Voda A., Smolensky M.H., Hsi B.P., Decker M. Circadian rhythm in hot flash in natural and surgically induced menopause. *Chronobiol. Int.* 6:279-284, 1989.
- Albright D.L., Voda A.M., Smolensky M.H, Hsi B., Decker M. Seasonal characteristics of and age at menarche. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y., 341A:708-720, 1990.
- Albright D.L., Voda A.M., Smolensky M.H., Hsi B., Decker M. Temporal patterns of hot flashes in natural and surgically-induced menopause. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y., 341A:731-739, 1990.
- Novak R.D., Smolensky M.H. Seasonal and circadian trends in occupational injuries. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y.,341B:355-362, 1990.
- Brown A., Smolensky M.H., D'Alonzo G.E, Redmond D., Conrad E., Hsi B. Circadian rhythm in human activity objectively quantified by actigraphy. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y.,341A:77-83, 1990.
- White C.A., Smolensky M.H., Sanders S., Buchi K., Moore J. Circadian rhythm of gastric pH in patients with healed ulcer under placebo and constant-rate ranitidine infusions. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y., 341B:203-208, 1990.
- D'Alonzo G.E., Smolensky M.H. Nocturnal asthma, its pathogenesis and treatment. In: *Chronobiology: Its Role in Clinical Medicine, General Biology and Agriculture*, L.E. Scheving, J.P. Pauly and D.K. Hayes (eds.), A. Liss, N.Y., 341A:223-233, 1990.
- D'Alonzo G.E., Smolensky M.H., Feldman S., Gianotti L.A., Emerson M., Staudinger H., Steijnans V.W. Twenty-four-hour lung function in adult patients with asthma: chronoptimized theophylline therapy once daily in the evening versus conventional twice-daily dosing. *Amer. Rev. Res. Dis.* 142:84-90, 1990.

- Brown A.C., Smolensky M.H., D'Alonzo G.E. Actigraphy: a means of assessing circadian patterns in human activity. *Chronobiol. Int.* 7(2):125-133, 1990.
- Moore J.G., Smolensky M.H. The chronobiology of peptic ulcer disease and implications for its chronotherapy with H₂-antihistamine medications. *Ann. Rev. Chronopharmacol.* 6:113-135, 1990.
- Smolensky M.H., D'Alonzo G.E., Reinberg A. Current developments in the chronotherapy of nocturnal asthma. *Ann. Rev. Chronopharmacol.* 6:81-112, 1990.
- Novak R., Smolensky M.H. Shiftwork and industrial injuries at a chemical industry in southeast Texas. *Chronobiol. Int.* 7:155-164, 1990.
- Reinberg A., Koulbains C., Soudant E., Nicolai A., Mechkouri M., Smolensky M.H. Day-night differences in effects of cosmetic treatments on facial skin. Effects on facial skin appearance. *Chronobiol. Int.* 7:69-80, 1990.
- D'Alonzo G.E., Smolensky M.H. Nocturnal asthma: pathogenesis and treatment. *Pulmonary Critical Care Update* 6:2-7, 1990.
- Gillooly P., Smolensky M.H., Hsi B.P., Thorne D. Circadian variation in human performance evaluated by the Walter Reed Performance Assessment Battery. *Chronobiol. Int.* 7:143-153, 1990.
- Gillooly P., Smolensky M.H., White C., Forthofer R., Hsi, B. Administration-time dependent effects of triazolam on cognitive performance. *Ann. Rev. Chronopharmacol.* 7:49-52, 1990.
- White C., Smolensky M.H., Moore J., Sanders S. Evaluation of individual and temporal patterns in gastric pH response to ranitidine given as multiple boluses or constant-rate IV infusion over 24 hours. *Ann. Rev. Chronopharmacol.* 7:83-86, 1990.
- Auvil-Novak S.E., Novak R.D., Smolensky M.H., Kwan J.W. Temporal variation in the self-administration of morphine sulfate via patient-controlled analgesia in postoperative gynecologic patients. *Ann. Rev. Chronopharmacol.* 7:253-256, 1990.
- Brown A.C., Smolensky M.H., D'Alonzo G.E. Day-night pattern of isoproterenol use for relief of acute asthma. *Ann. Rev. Chronopharmacol.* 7:317, 1990.
- D'Alonzo G.E., Smolensky M.H., Gianotti L., Emerson M., Staudinger H., Steinijans V. Chronotherapeutically optimized theophylline therapy. *Ann. Rev. Chronopharmacol.* 7:319-322, 1990.
- Albright D., Voda A.M, Smolensky M.H., Hsi B.P. Seasonal characteristics of age at menarche. *Chronobiol. Int.* 7:251-258, 1990.
- Smolensky M.H., Reinberg A. Clinical chronobiology: Relevance and applications to the practice of occupational medicine. In: A.J. Scott (ed.). *Shiftwork.: State of the Art Reviews: Occupational Medicine.* 5: 239-272, 1990.
- Albright D., Voda A.M., Smolensky M.H., Hsi. B.P. Seasonal characteristics of and age at menarche. *Chronobiology Int.* 7:251-258, 1990.

- Soulban G., Smolensky M.H., Yonivitz A. Gentamicin-induced chronotoxicity: use of body temperature as a circadian marker rhythm. *Chronobiology Int.* 7:393-402, 1990.
- Smolensky M.H., D'Alonzo G.E. Investigative protocols for chronotherapeutics: basic requirements and illustrative case histories. *N.Y. Acad. Sci.* 618:465-483, 1991.
- D'Alonzo G.E., Smolensky M.H. Pulmonary chronophysiology and its relationship to common lung diseases. *N.Y. Acad. Sci.* 618:123-139, 1991.
- D'Alonzo G.E., Smolensky M.H. Nachtliches Asthma und seine Mechanismen. *Der Internist* 32:402-410, 1991.
- Smolensky M.H., D'Alonzo G.E., Reinberg A. Chronotherapie des Asthmas. *Der Internist* 32:411-417, 1991.
- Smolensky M.H. Tag-Nacht-Muster der Bronchialweite und Dyspnoe: Ausgangspunkt für die Wahl des optimalen Dosierungsschemas für Theophyllin. *Pneumologie* 45:819-826, 1991.
- Miller L.G., Smolensky M.H., Kraft I.A., Malseed L. Sleep disturbances and epileptiform activity in four children with attention deficit hyperactivity disorder (ADHD). *Houston Medicine* 8:95-100, 1992.
- Brown A.C., Smolensky M.H., D'Alonzo G.E. Day-night variation in airways status in sympathomimetic and theophylline-treated asthma patients. *J. Osteopath. Med.* 93:321-333, 1993.
- Smolensky M.H., D'Alonzo G.E. Medical chronobiology: concepts and applications. *Amer. Rev. Respir. Dis.* 147:S2-S19, 1993.
- Reinberg A., Bicakova-Rocher A., Gorceix A., Ashkenazi I., Smolensky M.H. Placebo effect on the circadian period of temperature and hand grip strength rhythms. Interindividual and gender-related differences. *Chronobiol. Int.* 11:45-53, 1994.
- Smolensky M.H., D'Alonzo G.E. Chronopharmacology: Using the body clock in drug therapy. *Lab.Med.* 25:561-565, 1994.
- Smolensky M.H., Campos, L.T. Marker rhythms for chronotherapy of cancer (Letter). *Cancer Chemother. Pharmacol.* 34:270, 1994.
- D'Alonzo G.E., Smolensky M.H. The Chronopharmacological application of theophylline therapy in asthma. *Monaldi Arch. Chest Dis.* 1994; 49.
- Langlois P., Smolensky M.H., Glezen W.P., Keiter W.A. Diurnal variation in response to influenza vaccine. *Chronobiol. Int.* 12:28-36, 1995.
- D'Alonzo G.E., Smolensky M.H., Feldman S., Gianotti L., Emerson M., Gnosspelius Y., Karlson.K. Bambuterol in the treatment of asthma: A placebo-controlled comparison of once-daily morning versus evening administration. *Chest* 107: 406-407, 1995.

- Smolensky M.H., Reinberg A., Labrecque G. Twenty-four-hour pattern in symptom intensity of viral and allergic rhinitis: Treatment implications. *J. Immunol. Clin. Allergy* 95(part 2):1084-96, 1995.
- Thomas V., Chan W., Yetman R., Smolensky M.H., Portman R.J. Circadian rhythm in blood pressure: dependence on activity. *Chronobiol. Int.* 12: 419-426, 1995.
- Jaffe M.P., Smolensky M.H., Wun C.C. Sleep quality and physical and social well-being in North American petrochemical shiftworkers. *Southern Med. J.* 89:305-312, 1996.
- Smolensky M.H. Chronobiology and Chronotherapeutics: Applications to cardiovascular medicine. *Amer. J. Hypertens.* 9:11S-21S, 1996.
- Yetman R., Portman R., Thomas V., Chan W., Smolensky M.H., Franco C. Non-invasive ambulatory blood pressure monitoring: Effect of Nocturnal Sleep of Children and Adults. *Blood Pressure Monitor.* 1:1-3, 1996.
- Smolensky M.H., Portaluppi F. Ambulatory blood pressure monitoring. Applications to clinical medicine and antihypertension medication trials. In Portaluppi, F. and Smolensky, M.H. (Eds.) Time-Dependent Structure and Control of Arterial blood Pressure. *Annals NY Acad. Sci.* 783:278-294, 1996.
- Portaluppi F., Smolensky M.H. Preface. In: *Time-Dependent Structure and Control of Blood Pressure.* F. Portaluppi and M.H Smolensky (Eds). Annals of the New York Academy of Sciences, 1996,783: ix-x.
- Smolensky M.H., Bing M.L. Chronobiology and chronotherapeutics in primary care. *Patient Care. Clinical Focus (Summer Supplement)* June 1997, pp.1-15.
- Smolensky M.H. Kronobioloji ve Kronoterapötikler. *Cronometre Hipertansiyon ve Kardiyoloji Bülteni.* 1(2):54-64, 1997.
- Smolensky M. H. Editorial. *Patient Care. Clinical Focus, (Summer Supplement)* June 1997.
- Smolensky, M.H., Labrecque G. Chronotherapeutics. *Pharmaceutical News* 4:10-16, 1997.
- Labrecque, G., Beauchamp, D., Vanier, M-C., Smolensky, M.H. Chronopharmacokinetics. *Pharmaceutical News* 4:17-21, 1997.
- D'Alonzo G.E., Smolensky M.H., Kukafka D. Twenty-four hour pattern of cardiovascular accidents: Role of circadian rhythms and environmental triggers. *J. Amer. Osteopath. Ass.* (July Supplement). 98/7: S1-S6, 1998.
- Smolensky M.H., D'Alonzo G.E., Portman R.J. Chronobiology and Chronotherapeutics: New Concepts in cardiovascular medicine. *J. Amer.Osteopath. Ass.* (July Supplement). 98/7: S6-16, 1998.
- Smolensky, M.H. Knowledge of North American physicians about medical chronobiology and chronotherapeutics. Results of two Gallup surveys. *Chronobiol. Int.* 15:377-394, 1998.
- Smolensky M.H., White W.W., Mion D. Jr., Frishman W., Fakouhi T.D. Cronobiologia e cronoterapia: Novos conceitos na medicina cardiovascular. *J. Brasileiro Nefrologia* . 20 (Suppl. 1): S1-S30, 1998.

- Smolensky M.H., Portaluppi F. The chronopharmacology and chronotherapy of cardiovascular medications: Relevance to the prevention and treatment of coronary heart disease. *Amer. Heart. J.* 137(4):S14-S24,1999.
- Smolensky M.H., Martin R.J. Nocturnal asthma: Role of circadian rhythms in mechanisms and treatment. Editorial. *Chronobiol. Int.* 16(5): vii-ix, 1999.
- Smolensky M.H., Reinberg A.E., Martin R.J., Haus E. Clinical chronobiology and chronotherapeutics: Applications to asthma. *Chronobiol. Int.* 16(5):539-563, 1999.
- D'Alonzo G.E. Jr., Crocetti J.G., Smolensky M.H. Circadian rhythms in the pharmacokinetics and clinical effects of beta-agonist, theophylline, and anticholinergic medications in the treatment of nocturnal asthma. *Chronobiol. Int.* 6(5): 663-682, 1999.
- Haus E., Smolensky M.H. Biologic rhythms in the immune system. *Chronobiol. Int.* 16(5): 581-622, 1999.
- Smolensky, M.H., Mion, D., Jr. Cronomedicina: Conceito e aplicações. *Rev. Incor.(Brazil)* 4:58, 1999.
- Koch, V.H., Okay Y., Pierin A., Marques N., Nion D., Bertolli C., Ferreira M.A., Piragini, E., Portman R.J., Smolensky, M.H., Labarthe, D. Roberts, R., Hanis, C. Population studies of ambulatory monitoring in Brazilian Children. *Blood Pres. Monit.* 1999:111-114.
- Parks D.K., Yetman R.J., McNeese M.C., Burau K., Smolensky M.H. Day-night patterns in accidental exposure to blood-borne pathogens among medical students and residents. *Chronobiol. Int.* 17(1): 61-70, 2000.
- Noel H.C., Saunders E., Smolensky MH. Hypertension, chronotherapy and patient management. *The Nurse Practitioner.* 253(Suppl.1):2-12, 2000.
- Reinberg A., Lewy H., Smolensky M.H. The birth of chonobiology: Julien Joseph Virey 1814. *Chronobiol. Int.* 18:2:173-186, 2001.
- Hermida R.C., Fernández J.R., Ayala D.E., Artemio A., Smolensky M.H. Circadian rhythm of the double (rate-pressure) product in healthy normotensive young adults. *Chronobiol. Int.* 18:477-489, 2001.
- Smolensky, M.H., Haus, E. Circadian rhythms in clinical medicine with application to hypertension. *Am. J. Hypertens.* 14(issue 9, Part 2):280S-290S, 2001.
- Manfredini R., Vanni A., La Cecilla O., Grassi L., Smolensky M.H. Day-night variation in aggressive behavior among psychiatric inpatients. *Chronobiol. Int.* 18:3; 503-512, 2001.
- Smolensky M.H. Circadian rhythms in medicine. *CNS Spectrums.* 6(6): 467-482, 2001.
- Hodoglugil U., Gunnaydin B., Yardim S., Zengil H., Smolensky M.H. Seasonal variation in the effect of a fixed dose of heparin on activated clotting time in patients prepared for open-heart surgery. *Chronobiol. Int.* 18:865-873, 2001.

- Smolensky M.H. Compliance to prescription medication entails respect for treatment timing (Letter). *Chronobiol. Int.* 19:502-505, 2002.
- Yetman R.J., Andres-Casal M., Hermida R.C, Dominguez B., Portman R.J., Northrup H., Smolensky M.H. Blood pressure level and patterns in patients with liver glycogen storage disease. *Chronobiol. Int.* 19(4):765-783, 2002.
- Manfredini R., Gallerani M., Boari B., Maraldi C., La Cecilia O., Rafael Ferreira A.B., Smolensky M.H. Portaluppi F. Morning preference in onset of symptomatic third-degree atrio-ventricular heart block. *Chronobiol. Int.*19(4):785-791,2002.
- Chandwani K., Smolensky M.H., Bureau K. Cech, I. Seasonal pattern in conceptions in the state of Texas. *Chronobiol. Int.* 21:73-93, 2004.
- Touitou Y., Portaluppi F., Smolensky M.H., Rensing L. Ethical principles and standards for the conduct of human animal biological rhythm research. *Chronobiol. Int.* 21:161-170, 2004.
- Hermida R.C., Smolensky M.H. Chronotherapy of Hypertension. *Current Opinion Nephrol. Hypertens.* 13: 501-505, 2004.
- Smolensky M.H., Hermida R.C., Haus E., Portaluppi F., Reinberg A. Biological rhythms, medication safety and women's health. *J. Women's Health.* 14:38-46, 2005.
- Manfredini R., Boari B., Smolensky M.H., Salmi R., la Cecilia O., Malagoni A.M., Haus E., Manfredini F. Circadian variation in stroke onset: identical temporal pattern in ischemic and hemorrhagic events. *Chronobiol. Int.* 22(3): 417-453, 2005.
- Smolensky M.H., Haus E., Hermida R.C. Twenty-four-hour patterns in angina pectoris, myocardial infarct, and stroke: Mechanisms and implications for preventive pharmacotherapy. *Medicina Clínica (Spanish)* 6(2):11-16, 2005.
- Manfredin R., Boari B., Smolensky M.H., Salmi, R., Gallerani M., Guerzoni F., Guerra, V. Malagoni A.M. Manfredini F. Seasonal variation in onset of myocardial infarction: A 7-year single-center study in Italy. *Chronobiol. Int.* 22(6):1121-1135, 2005.
- Cech I. Smolensky M.H., Afshar M., Broyles G., Barczyk M., Bureau K., Emery R. Lead and Copper in the drinking water fountains – Information for physicians. *Southern Med. J.* 99(2):137-142, 2006.
- Haus E., Smolensky M.H. Biological clocks and shiftwork. Circadian dysregulation and potential long-term effects. *Cancer Causes Control.* 17(4):489-500, 2006.
- Shah A., Smolensky M.H., Bureau K.D., Cech I., Lai D. Seasonality of primarily childhood and adult infectious diseases in the United States. *Chronobiol. Int.*23(5):1065-1082, 2006.
- Touitou Y., Smolensky M.H., Portaluppi F. Ethics, standards, and procedures of animal and human chronobiology research. *Chronobiol. Int.* 23(6): Accepted and in press, 2006.

- Smolensky M.H., Hermida R.C., Portaluppi F., Haus E. Twenty-four-hour pattern of angina pectoris, myocardial infarction, and sudden cardiac death: Potential role of blood pressure, heart rate and rate-pressure product circadian rhythms. *Biological Rhythm Res.* 38(3), (accepted and in press), 2007.
- Smolensky M.H., Hermida, R.C., Portaluppi, F. Comparison of the efficacy of morning versus evening administration of olmesartan in uncomplicated essential hypertension. *Chronobiol. Int.* 24(1), accepted and in press, 2007.
- Smolensky MH, Hermida R.C., Portaluppi F., Castriotta, R,J. Sleep-wake cycle, blood pressure circadian rhythms and hypertension. *Sleep Medicine.* Accepted and in press, 2007.
- Gallereini, M., Boari, B., Smolensky, M.H., Salmi, R., Fabbri, D., Contato, E., Manfredini, R. (2006). Seasonal variation in occurrence of pulmonary embolism: analysis of the database of the Emilia-Romagna region, Italy. *Chronobiol. Int.* 24(1): Accepted and in press, 2007.
- Hermida R.C., Ayala D.E., Calvo C, Smolensky MH. Chronotherapy of hypertension: Administration-time-dependent effects of treatment on the circadian pattern of blood pressure. *Advanced Drug-Delivery Research*,.Submitted, 2006.
- Jiao L., Bondy M.L., Hassan M.M., Chang D.Z., Abbruzzese J.L., Evans D.B., Smolensky M.H., Li D. Glutathione S-transferase gene polymorphisms and risk and survival of pancreatic cancer. *Pharmacogenetics Genomics* Submitted, 2006.
- Barczyk M.B., Gregg D., Clarage M., Cech I., Smolensky M.H. Analysis of endocrine disrupting compounds by accelerated one-step extraction and GC-MS-NCI with pentafluorobenzoyl chloride derivation. *Water Research.* Under revision.
- Shah A.P., Smolensky M.H., Burau K.D., Cech I., Lai D. Recent changes in the seasonal pattern of sexually transmitted infections Disease in the United States. In preparation.
- Bruno G., Smolensky M.H., Bureau K, Giffin L. Carson C. Temporal patterns in drowsy driver passenger and truck accidents. In preparation.
- Butler B.D., Little T., Sothern R.B., Smolensky, M.H. Chronobiologic studies of decompression sickness. *J Applied Physiol.* In preparation.
- Ceyhan M., Hodoglugil U., Cemri M., Durakoglugil D.B., Dortlemez O., Smolensky M.H., Zengil H. Ambulatory blood pressure characteristics: Normotensives vs. hypertensives. *Gazi Med. J.* (Turkey) in preparation.
- McCarley C., Hanneman S., Padhye, N., Smolensky M.H. Temporal variations of dyspnea, fatigue and lung function in chronic lung disease. *J. Nursing Research.* In preparation.

Non-Juried Publications and Book Chapters

- Reinberg A., Smolensky M.H. Circatrigintan secondary rhythms related to hormonal changes in the menstrual cycle. General considerations. In: *Biorhythms and Human Reproduction*. John Wiley and Sons, Inc., New York, 1972, pp. 241-258.
- Smolensky M.H., Halberg F., Sargent II F. Chronobiology of the life sequence. In: *Advances in Climatic Physiology*, S.I.K. Ogata and H. Yoshimura (eds.). Igaku Shoin, Tokyo, Japan, Chapter 18, 1972, pp. 281-319.
- Smolensky M.H., Reinberg A., Lee R.E., McGovern J.P. Secondary rhythms related to hormonal changes in the menstrual cycle. Special reference to allergology. In: *Biorhythms and Human Reproduction*. John Wiley and Sons, Inc., New York, 1972, pp. 287-306.
- Smolensky M.H. Rationale for circadian-system phased glucocorticoid management. In: *Chronobiology*. Igaku Shoin, Tokyo, Japan, 1974, pp. 197-201.
- Roberts D., Smolensky M.H., Hsi B., Scanlon J.E. Circadian pattern in susceptibility of *Aedes Aegypti* (L.) larvae to Dursban. In: *Chronobiology*. Igaku Shoin, Tokyo, Japan, 1974, pp. 612-616.
- Smolensky M.H., Halberg F., Reinberg A., Stupfel M. CO respiratory regulation and chronobiology. In: *Carbon Dioxide*, G. Nahas, K.E. Schafer (eds.), Springer-Verlag, New York, 1974, pp. 118-124.
- Smolensky M.H. Chronobiology applied to therapy of human breast cancer. In: *Time: The Fourth Dimension of Medicine*, Symposium on the Clinical Implications of Chronobiology, sponsored by Upjohn Company, November 3-4, 1973, 2:6-7, 1974.
- Smolensky M.H. Chronobiologic aspects of cutaneous reactivity: An example of endogenous rhythmicity and implications upon the evaluation of environmental quality. In: *Proceedings of the International Congress of Asthma, Respiratory Allergy and Socioecological Environment*, 1976, pp. 41-60.
- Bartlett J.C., Zimmerman L. J., Smolensky M.H., Duke J.H. The role of a medical school in developing EMS for rural communities. In: *Proceedings/Society for Advanced Medical Systems 8th Annual Conference*, 1976, pp. 203-212.
- Smolensky M.H., McGovern J.P. Rationale for management of steroid dependent allergic patients according to circadian rhythms. In: *Chronobiology in Allergy and Immunology*, J.P. McGovern, M. H. Smolensky and A. Reinberg (eds.). C.C. Thomas, Springfield, Il., 1977, pp. 162-186.
- Reinberg A., Smolensky M.H., McGovern J.P. Methodologic considerations for chronobiologic study for application to clinical and laboratory investigations in allergy and immunology. In: *Chronobiology in Allergy and Immunology*, J.P. McGovern, M.H. Smolensky, A. Reinberg (eds.). C.C. Thomas, Springfield, Il., 1977, pp. 3-16.
- McGovern J.P., Smolensky M.H., Reinberg A. Circadian and circamensual rhythmicity in cutaneous reactivity to histamine and allergenic extracts. In: *Chronobiology in Allergy and Immunology*, J.P. McGovern, M.H. Smolensky. A. Reinberg (eds.). C.C. Thomas, Springfield, Il., 1977, pp. 79-116.

- Smolensky M.H., Halberg F. Circadian rhythm in airway patency and lung volumes. In: *Chronobiology in Allergy and Immunology*, J.P. McGovern, M.H. Smolensky, A. Reinberg (eds.). C.C. Thomas, Springfield, Il., 1977, pp. 117-138.
- Weinmann S., Dawson, E.B., Smolensky, M.H., Weisberg R.F., Sargent II F.S. with Technical Assistance from B. Lane and S. Bryan. Circadian rhythmic aspects of urinary metal excretion in users and non-users of oral contraceptives. In: *Proceedings of the XII International Conference on Chronobiology* (Washington, D.C.). Publishing House "Il Ponte," Milano, 1977, pp. 387-393.
- Kyle G., Smolensky M., McGovern J. Circadian variation in the susceptibility of rodents to the toxic effects of theophylline. In: *Chronopharmacology*, A. Reinberg, F. Halberg (eds.). Pergamon Press, Oxford, 1979, pp. 239-244.
- Smolensky M.H., Ouellette J., Meyer M, Skeleton M., Iser L., McClellan D., Ouellette L., Martin D. Utilization of self-monitoring procedures to augment the high school health education curriculum. In: *Selected Proceedings from the Symposium on Ocular and Systemic Disorders*, R. Sair (ed.). American Optometric Association, 1979, pp. 117-122.
- Smolensky M., Jovonovich J., Kyle G., Hsi B. Chronotoxicity in rodents challenged with propranolol HCL (Inderal). In: *Chronopharmacology*, A. Reinberg, F. Halberg (eds.). Pergamon Press, Oxford, 1979, pp. 263-271.
- Smolensky M.H. Dr. John McGovern: Proponent and facilitator of serendipity in applied clinical research. *Appreciations, Reminiscences and Tributes Honoring John P. McGovern*. Health Science Institute, O. Bell Press, Inc., Missouri, 1980, pp. 211-214.
- Smolensky M.H. Chronobiologic considerations in the investigation and interpretation of circamensual rhythms in women. In: *The Menstrual Cycle, A Synthesis of Interdisciplinary Research*, A.J. Dan, E.A. Graham, C.P. Beecher (eds.). Springer, New York, 1980, pp. 76-90.
- Smolensky M.H. Chronobiological aspects of the epidemiology of human reproduction and fertility. In: *Rhythms et Reproduction*, R. Ortavant, A. Reinberg (eds.). Masson, Paris, 1980, pp. 218-242.
- Kyle G.M., Smolensky M.H., McGovern J.P. Comparison of salivary (S) and blood (B) theophylline levels: Constancy in the S/B over 24-hrs and over days. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 113-121.
- Kyle G.M., Smolensky M.H., Thorne L.G., Hsi B., Robinson A., McGovern J.P. Circadian rhythm in the pharmacokinetics of orally administered theophylline. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 95-111.
- Kyle G.M., Smolensky M.H., Thorne L.G., McGovern J.P. Indirect monitoring of theophylline blood levels utilizing saliva: A practical non-invasive approach to verifying dosage and understanding temporal variability in pharmacokinetics. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 123-128.

- Lemmer B., Simrock R., Hellenbrecht D., Smolensky M.H. Chronopharmacological studies with racemic propranolol in rodents: Implications for the management of COPD patients with cardiovascular disease. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 195-208.
- Lu M.C., Smolensky M.H., Hsi B., McGovern J.P. Seasonal changes in immunoglobulin and complement levels in atopic and non-atopic persons. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 261-273.
- Lu M.C., Smolensky M.H., Hsi B., McGovern J.P. Seasonal variation in total and specific IgE. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 275-285.
- Prevost E.J., Smolensky M.H., Reinberg A., McGovern J.P. Circadian rhythm of respiratory distress in asthmatic, bronchitic and emphysemic patients. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 237-250.
- Smolensky M.H., Reinberg A., Prevost R.J., McGovern J.P., Sargent II F., Gervais P. The application of chronobiological finding and methods to the epidemiological investigation of the health effects of air pollutants on sentinel organisms. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 211-236.
- Reinberg A., Smolensky M.H. Chronotherapy of allergic disease. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 5-87.
- Smolensky M.H., Halberg F., Pitts G.C., Nelson W. The chronopharmacology of methylprednisolone: Clinical implication of animal studies with special emphasis upon the moderation of growth inhibition by timing to circadian rhythms. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 137-171.
- Reinberg A., Schuller E., Clench J., Smolensky M.H. Circadian and circannual rhythms of leukocytes, proteins and immunoglobulins. In: *Recent Advances in the Chronobiology of Allergy and Immunology*, M.H. Smolensky, A. Reinberg, J.P. McGovern (eds.). Pergamon Press, Ltd., Oxford, England, 1980, pp. 251-259.
- Smolensky M.H. The conceptual implications of chronotoxicology and chronopathology for occupational health and shift work. L.E. Scheving, F. Halberg, (eds.). In: *Chronobiology: Principles and Applications to Shifts in Schedules*, Sijthoff & Noordhoff, Rockville, Md., 1980, pp. 325-337.
- Smolensky M.H. The chronoepidemiology of occupational health and shift work. In: *Chronobiologic Aspects of Shift Work*, A. Reinberg, N. Vieux, P. Andlauer (eds.). Pergamon Press, London, 1981, pp. 51-65.

- Smolensky M.H. Rhythmes circadiens du travail et de la naissance. In: *Rhythmes Biologiques en Gynecologie faits cliniques et perspectives d'application*. Sandoz, Paris, France, 1981, pp. 10-11.
- Smolensky M.H. Chronobiologic factors related to the epidemiology of human reproduction. In: *Research on Fertility and Sterility*, J. Cortes-Prieto, A. Campos da Paz, M. Nevese-Castro, (eds.). MTP Press, Lancaster, 1981, pp. 157-181.
- Smolensky M. Chronotherapeutics: Practical applications arising from chronopathology of disease processes and drug chronobioavailability and chronotoxicity. In: *Chronopharmacology and Chronotherapeutics*, C.A. Walker, K.F.A. Soliman, C.M. Winget (eds.). Florida A&M University Foundation, Tallahassee, 1981, pp. 15-30.
- Smolensky M., Simpson H., Dodd G.D., Marks I., Halberg F., Cech I. Future directions of interdisciplinary research on the menstrual cycle and women's health. In: *The Menstrual Cycle, Vol. 2, Research and Implications for Women's Health*, P. Komnenich, M. McSweeney, J.A. Noack, N. Elder (eds.). Springer, New York, 1981, pp. 206-223.
- Bafitis H., Smolensky M., Hsi B., Mahoney S. and Kresse H. Chronotoxicity in male Balb/cCr mice to potassium cyanide. In: *Chronopharmacology and Chronotherapeutics*, C.A. Walker, K.F.A. Solimann, C.M. Winget (eds.). Florida A&M University Foundation, Tallahassee, 1981.
- Smolensky M.H., Ouellette J., Meyer M., Skeleton M., Iser L., McClellan D., Ouellette L., Martin D. The utilization of self-monitoring procedures to augment the high school health education curriculum. In: *Proceedings, International Society for Chronobiology, XIII International Conference*, F. Halberg, L.E. Scheving, E.W. Powell, D.K. Hayes (eds.). Il Ponte, Milan, 1982, pp. 355-361.
- Smolensky M.H., Harrist R., Scott P.H., MacLeod S., Newth C., Levison H., Reinberg A. A chronobiologic evaluation of a sustained-release theophylline compound. In: *Toward Chronopharmacology*, H. Takahashi, F. Halberg (eds.). Pergamon Press, Oxford, 1982, pp. 225-232.
- Smolensky M.H., Reinberg A. The chronobiology and chronopharmacology of allergy. In: *Seminar Allergy*, J. Pepys (ed.). Update Publications Ltd., London, 1984, pp. 31-38.
- McKinney B., Evans B., Yonovitz A., Smolensky M.H. Circadian rhythm modulation of aminoglycoside ototoxicity. In: *Circadian Rhythms in the CNS*, P.H. Redfern (ed.), 1984.
- Smolensky M.H., Scheving L.E., Paustenbach D. Biological rhythms in shift work and occupational health. In: *Patty's Theory and Practice of Industrial Hygiene, Volume 3B, Biological Responses, Edition II*, L.J. Cralley, L. Cralley (eds.). John Wiley and Sons, Inc., New York, 1985, pp. 175-311.
- Reinberg A., Smolensky M.H., Levi F. Therapeutic implications of time dependencies. In: *Topics in Pharmaceutical Sciences 1985*, Elsevier Science Publishers B.V. (Biomedical Division), 1985, pp. 191-205.
- Reinberg A., Smolensky M.H., Levi F. Clinical chronopharmacology. In: *Clinical Aspects of Chronobiology*, W.J. Rietveld (ed.). CIP-Gegevens Koninklijke Bibliotheek, Den Haag, Netherlands, 1985, pp. 127-140.

- Smolensky M.H., McGovern J.P. Circadian rhythms in chronic obstructive pulmonary disease. In: *Sustained Release Theophylline and Nocturnal Asthma*, A. Isles, P. von Wichert (eds.). Excerpta Medica, Amsterdam, The Netherlands, 1985, pp. 1-17.
- Smolensky M.H., McGovern J.P. Circadian rhythms in theophylline disposition. In: *Sustained Release Theophylline and Nocturnal Asthma*, A. Isles, P. von Wichert (eds.). Excerpta Medica, Amsterdam, The Netherlands, 1985, pp. 75-92.
- Smolensky M.H., Reinberg A., McGovern J.P. Bedeutung der Chronobiologie für das nächtliche Asthma: seine etiologie und Behandlung mit Theophyllin. In: *Relevanz zirkadianer Rhythmen in der Pneumologie*, P. Dorow, P. von Wichert (eds.). Walter de Gruyter, Berlin, 1986, pp. 1-25.
- Smolensky M.H., Scott P.H., McGovern J.P. Circadian variation in bronchomotor tone and theophylline disposition in asthmatic patients. In: *Advances in Bronchial Asthma*, A. Oehling, J.L. Cortes (eds.). Garsi, S.A. Madrid, 1986, pp. 132-136.
- Reinberg A., Smolensky M.H., Labrecque G., Levi F., Cambar J. Biological rhythms and exposure limits to potentially noxious agents. In: *Proceedings, 7th International Symposium on Night- and Shift-Work*, Koller et al. (eds.). Igl, Austria, 1986.
- Smolensky M.H., Scott P.H., McGovern J.P. Clinical relevance of theophylline chronokinetics for asthmatic children. In: *Advances in Chronobiology, Part B*, J.E. Pauly, L.E. Scheving (eds.). A.R. Liss, Inc., 1987, pp. 259-270.
- Reinberg A., Hallek M., Levi F., Touitou Y., Smolensky M. Aspects of chronopharmacology and chronotherapy in pediatrics. In: *Advances in Chronobiology, Part B*, J.E. Pauly, L.E. Scheving (eds.). A.R. Liss, Inc., 1987, pp. 249-258.
- Smolensky M.H., McGovern J.P., Scott P.H. Circadian features of asthma: implications for the optimization of bronchodilators. In: *Nocturnal Dyspnoea, Inflammation and Reactivity*, K.F. Kerrebijn, H.J. Sluiter (eds.). Astra, The Netherlands, 1987, pp. 15-36.
- Simpson H.W., Smolensky M.H. et al. Human thermometry in health and disease: the chronobiologist's perspective. In: *Chronobiotechnology and Chronobiological Engineering*, L.E. Scheving, F. Halberg and C.F. Ehret (eds.). Martinus Nijhoff Publishers, Dordrecht, The Netherlands, 1987, pp. 141-188.
- Smolensky M.H. Pumps as devices for clocking medications. In: *Klinische Pharmakologie*, H.P. Kuemmerle, G. Hitzenberger, K.H. Spitzzy (eds.). Ecomed Publisher, Federal Republic of Germany, 1988, section 2.15.5, pp. 1-6.
- Smolensky M.H. Bronchodilators with reference to sustained-release theophylline. In: *Klinische Pharmakologie*, H.P. Kuemmerle, G. Hitzenberger, K.H. Spitzzy (eds.). Ecomed Publisher, Federal Republic of Germany, 1988, section 2.15.3.4, pp. 1-32.
- Reinberg A., Lemmer B., Lebreque G., Smolensky M.H., Levi F. Clinical chronopharmacology. In: *Klinische Pharmakologie*, H.P. Kuemmerle, G. Hitzenberger, K.H. Spitzzy (eds.). Ecomed Publisher, Federal Republic of Germany, 1988, section 2.15.3, pp. 1-6.

- Reinberg A., Smolensky M.H., Gaultier C., Gervais P. Chronopharmacologie et Chronotherapie en Allergologie pediatrique. In: *Allergologie Pediatrique*, J. Paupe, P. Scheinman (eds.). Flammarion, Paris, 1988, pp. 95-103.
- Gervais P., Gaultier C., Reinberg A., Smolensky M.H. Chronobiologie et Chronopathologie des maladies allergiques de l'enfant. In: *Allergologie Pediatrique*, J. Paupe, P. Scheinmann (eds.). Flammarion, Paris, 1988, pp. 424-430.
- Smolensky M.H., D'Alonzo G.E. Nocturnal asthma: circadian components and implications for chronotherapeutic strategies. In: *Trends in Chronobiology*, W.Th Hekkens, J.M. Kerkhop, W.J. Rietveld (eds.). Pergamon Press, Oxford, 1988, pp. 243-260.
- Smolensky M.H. Chronopharmacology of theophylline and beta-sympathomimetics. In: *Cellular and Biochemical Aspects of Chronopharmacology*, B. Lemmer (ed.). Marcel Dekker, Inc., New York, 1989, pp. 65-113.
- Smolensky M.H. Present achievements and future prospects for clinical chronobiology. In: *Biological Rhythms in Clinical Practice*, J. Arendt, J. Waterhouse, D. Minors (eds.). Butterworth, London, 1989, pp. 253-271.
- Reinberg A., Levi, F., Smolensky, M.H., Labrecque, G., Bruguerole, B., Ollagnier, M. Chronokinetics. In: *Comprehensive Medical Chemistry, vol. 5. Biopharmaceutics*, J.B. Taylor (ed.). Pergamon Press, Oxford, 1990, pp. 279-296.
- Smolensky M.H., Reinberg A. Medical chronobiology with special reference to temporal patterns in epileptic seizures. In: *Chronopharmacology and Chronotherapy in Epilepsy*. H. Meinardi (ed.). Raven Press, N.Y., 1990, pp. 71-86.
- Smolensky M.H., Reinberg A., Labrecque G. Chronopharmacology and chronotherapeutics: concepts and principles. In: *Chronopharmacology and Chronotherapy in Epilepsy*. H. Meinardi (ed.). Raven Press, N.Y., 1990, pp. 1-19.
- Reinberg A., Smolensky M.H. Chronobiology and thermoregulation. In: *Thermoregulation: Physiology and Biochemistry*. E. Schonbaumand, P. Lomax (eds.). Pergamon Press, New York, 1990, pp.61-100.
- Labrecque G., Reinberg A., Smolensky M.H. La chronopharmacocinetique. In: *Traite de Biopharmacie et de Pharmacocintique*. J.M. Aiache et al. (eds.). Editions Vigo et Presses de l'Universite de Montreal, Montreal, Canada, 1990. (Also published in Turkish as: Kronofarmakokinetik. In: *Biyofarmasi ve Farmakokinetik*. J.M. Aiache et al. (eds.). Cevirenler, Turkey, 1992, pp. 250-260).
- Moore J.G., Smolensky M.H. Biological rhythms in gastrointestinal function and processes: implications for the pathogenesis and treatment of peptic ulcer disease. In: *Ulcer Disease. Investigation and Basis for Therapy*. E.A. Swabb, S. Szabo (eds.). Marcel Dekker, Inc., New York, 1991, pp. 55-85.
- Smolensky M.H. Chronoepidemiology: chronobiology and epidemiology. In: *Biologic Rhythms and Laboratory Medicine*. Y. Touitou, E. Haus (eds.). Springer-Verlag, Heidelberg, 1992, pp 658-672.

- Smolensky M.H., D'Alonzo G.E. Chronobiology and chronotherapy of asthma. In: *Biologic Rhythms and Laboratory Medicine*. Y. Touitou, E. Haus (eds.). Springer-Verlag, Heidelberg, 1992, pp.453-469.
- Reinberg A.E., Smolensky M.H. Night and shift work and transmeridian space flights. In: *Proceedings of the First World Congress of Chronomedicine*. B. Tarquini, F. Halberg, F. Quagliata (eds.). Springer-Verlag, Milan, 1992; pp. 243-255.
- Smolensky M.H., D'Alonzo G.E., Reinberg A. Nocturnal asthma: chronobiology and its chronotherapy. In: *Proceedings of the First World Congress of Chronomedicine*. B. Tarquini, F. Halberg, F. Quagliata (eds.). Springer-Verlag, Milan, 1992, pp. 453-469.
- D'Alonzo G.E., Smolensky M.H. Nocturnal asthma, or simply asthma: the pathogenesis and treatment of nocturnal asthma. In: *Proceedings of the 5th Int'l. Symp. of Pneumology*, Seville, Spain, 1992, pp. 658-672.
- D'Alonzo G.E., Smolensky M.H. Chronopharmacology of theophylline and beta-2-sympathomimetic therapies. *Nocturnal Asthma*. R. Martin (ed.). Futura Pub. Co. N.Y., 1993, pp. 221-280.
- Smolensky M.H., D'Alonzo G.E. Medical chronobiology: Concepts and Applications. *Nocturnal Asthma*. R. Martin (ed.). Futura Pub. Co., N.Y., 1993, pp. 1-23.
- Smolensky M.H., D'Alonzo G.E. Biological rhythms and medications: Chronopharmacology and chronotherapeutics. *Nocturnal Asthma*. R. Martin (ed.). Futura Pub. Co., N.Y., 1993, pp. 25-69.
- Smolensky M.H. Time-dependent patterns in the occurrence and mechanisms of asthma. *The Encyclopedia of Time*. S. Macy (ed.). Garland Pub. Co., CT. 1993.
- Smolensky M.H. Day-night differences in the action of theophylline in asthma patients. *The Encyclopedia of Time*. S. Macy (ed.). Garland Pub. Co., CT. 1993.
- Smolensky M.H. Time-dependencies of beta-agonist bronchodilator medications in the treatment of asthma patients. *The Encyclopedia of Time*. S. Macy (ed.). Garland Pub. Co., CT. 1993.
- Reinberg A., Smolensky, M., Gaultier C.L., Gervais, P. Chronopharmacologie et Chronotherapie. In: *Allergologie Pediatique, 2nd edition*. J. Paupe, P. Scheinmann, J. de Blic (eds). Medecine-Sciences, Flammarion, Paris, 1994, pp. 526-533.
- Novak R.D., Smolensky M.H. Biological rhythms, shift work, and occupational health. In: *Patty's Industrial Hygiene and Toxicology, 3rd edition*. L.J. Cralley, L.V. Cralley, J.S. Bus (Eds). John Wiley & Sons, Inc., New York, 1995, pp. 319-438.
- Smolensky M.H. Chronobiology and Chronotherapeutics: Applications to Cardiovascular Medicine. In *Circadian Patterns of Cardiovascular Disease and Their Implications*. P.C. Deedwania (Ed.). Futura Publ. Co., Mt. Kisco, NY, 1997, pp. 173-206.
- Smolensky M.H. and D'Alonzo, G.E. Progress in the chronotherapy of nocturnal asthma. In: *Physiology and Pharmacology of Biological Rhythms Handbook of Pharmacology*. P.H. Redfern, B. Lemmer (Eds). Springer-Verlag, Heidelberg, 1997, 125: 205-249.

- Labrecque G, Reinberg A., Smolensky MH. La Chronopharmacocinétique. In: *Traité de Biopharmacie et de Pharmacocinétique*. P.P. LeBlanc (ed.). Les Éditions Vigot et Presses de l'Université de Montréal, Montréal, 1997, pp. 259-269.
- Butler B.D., Little T., Smolensky M.H. Circadian rhythm influences on decompression outcome in rats. In: *Proceedings, International Conference of Chronobiology*. Y. Touitou (Ed.). Amsterdam, The Netherlands, Elsevier Science B.V. 1998, pp. 541-544.
- Smolensky M.H., Yetman R., Portman R. Influence of circadian time structure on blood pressure and medications used to treat hypertension and ischemic heart disease. In: *Fundamentals of Chronobiology and Chronotherapy*. N. Abacioglu, H. Zengil (eds.). Ankara, Turkey. Palme Yayıncılık, 1999, pp. 71-87.
- Portaluppi F., Smolensky, M.H. Circadian rhythm and environmental determinants of blood pressure regulation in normal and hypertensive conditions. In: *Cardiovascular Chronobiology and Variability in Clinical Practice*. W.B. White (ed.). Humana Press, 2000, pp. 79-138.
- Smolensky M.H., D'Alonzo G.E., Reinberg A. Circadian rhythm dependencies of asthma medications and their chronotherapy. In: R.J. Martin, M. Kraft (eds.). *Combination Therapy for Asthma and Chronic Obstructive Pulmonary Disease*. New York, Marcel Dekker, Inc., 2000, pp. 181-218.
- Smolensky, M.H. Human biological time structure. In: *Basics and Concepts of Chronotherapy and Their Application to Human Health and Disease*. N. Abacıoğlu, İ. Çakici, H. Zengil (eds.). Med.Soc. Chronobiol. April, 2001, pp. 118-119.
- Smolensky, M.H. Menstrual cycle-related patterns in disease. In: *Basics and Concepts of Chronotherapy and Their Application to Human Health and Disease*. N. Abacıoğlu, İ. Çakici, H. Zengil (eds.). Med.Soc. Chronobiol. April, 2001, pp. 120-121.
- Smolensky, M.H. Chronobiology and chronotherapeutics: Concepts and applications to clinical medicine. *Biometica* (Turkish), 2002.
- Colégio S., Smolensky M.H. A importância do estudo da ritmicidade biológica para a higiene e toxicologia ocupacional (The importance of the study of biological rhythms for occupational hygiene and toxicology). In: *Trabalho em Turnos e Noturno na Sociedade 24 Horas (Night and Shiftwork in the 24 Hour Society)*. F.M. Fischer., C.R. Moreno L. Rotenberg (eds). Atheneu, São Paulo, Brazil, 2003, pp.115-136.
- Smolensky M., Reinberg A., Haus E., Labrecque G. Asthma nocturne: rythmes circadiens de son épidémiologie. De sa physiopathologie et de son traitement. In: *Chronobiologie Médicale, Chronothérapeutique*. A.E. Reinberg. (ed.). Médecine-Sciences Flammarion. Paris, 2003; pp. 111-131.
- Smolensky M., Reinberg, A. Système Cardiovasculaire: Chronopathologie et Chronothérapie. In: *Chronobiologie Médicale, Chronothérapeutique*. A.E Reinberg. (ed.). Médecine-Sciences Flammarion. Paris, 2003; pp. 153-166.

Michael H. Smolensky, Ph.D.
November 20, 2006,
Curriculum Vitae

Haus E., Smolensky M.H. Development of the circadian time structure and blood pressure rhythm. In: Pediatric Hypertension. In: Portman R.J., Sorof, J.M., Einglefinger J.R. (Eds). Totowa , New Jersey, Humana Press, 2004: 45-73.

Smolensky M.H., Hermida R., Portaluppi, F., Haus, E., Reinberg A. Chronotherapeutics in the treatment of hypertension. In. Oparil, S., Weber, M.A. (eds.), Hypertension: A companion to Brenner and Rector's The Kidney, 2nd Ed., Elsevier Saunders, Philadelphia, 2005, pp.530-542.

Portaluppi, F., Smolensky, M.H. Circadian rhythmic and environmental determinants of 24-hour blood pressure regulation in normal and hypertensive conditions. In: *Cardiovascular Chronobiology and Variability in Clinical Practice*, 2nd edition. W.B. White (Ed.). Totowa, New Jersey, Humana Press, In press, 2007.