

CURRICULUM VITAE

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EDUCATION

M.D. (1980) University of Athens School of Medicine, Athens, Greece Athens

Ph.D. (1982) University of Athens School of Medicine, Athens, Greece Athens

ACADEMIC APPOINTMENTS

6/95 -present: Associate Director for Clinical Affairs, Northwest Center for Medical Education, Indiana University School of Medicine

6/1995 -present: Assistant Professor of Pharmacology, Toxicology and Neurology, Indiana University School of Medicine at the Northwest Center for Medical Education, Gary, Indiana

6/1992-6/1995: Resident, Department of Neurology, Loyola University, Stritch School of Medicine, Maywood, Chicago, Illinois

6/1991-6/1995: Resident, Department of Medicine, Loyola University, Stritch School of Medicine, Maywood, Chicago, Illinois

1988 -present: Assistant Professor, Department of Pharmacology, University of Indiana School of Medicine

1988 - 1989: Instructor Departments of Pharmacology and Psychiatry, University of Colorado School of Medicine, Denver, Colorado

1984 - 1988: Research Associate, Departments of Pharmacology and Psychiatry, University of Colorado, School of Medicine, Denver, Colorado

1982 - 1984: Fellow, Department of Pharmacology, University of Colorado School of Medicine, Denver, Colorado.

1980-1982: Research Associate, Department of Physiology, University of Athens Medical School, Athens, Greece.

1980-1981 Intern, State Department of Internal Medicine, Ippokration General Hospital, Athens, Greece.

HOSPITAL APPOINTMENTS

Not applicable

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANT SHIPS:

Member Institute for developmental Neuroscience and Aging

SPECIALTY BOARD STATUS

Board eligible Neurology

LICENSURE AND CERTIFICATION

12/31/1980 Medical Licensure #28058 (Athens, Greece).

1981: Educational Council for Foreign Medical Graduates (E.C.F.M.G. #324-7

PROFESSIONAL SOCIETIES

American Medical Association (A.M.A.)

American Society for Cell Biology (A.S.C.B.)

British Brain Research Association (Hon)

European Brain and Behaviour Society (Hon.)

International Brain Research Organization (I.B.R.Q.)

International Society for Developmental Neuroscience (I.S.D.N.)

International Society for Neurochemistry (I.S.N.)

New York Academy of Sciences

Sigma Xi

Society for Neuroscience

American Academy of Neurology

HONORS and AWARDS

Ph.D. cum laude University of Athens 1982

American Academy of Neurology Annual Scholarship Award, 1995

Attracted Fogarty fellowship 1989

Ad hoc reviewer "International Journal of Developmental Neuroscience"

TEACHING ASSIGNMENTS:

Dr Sakellaridis serves as the Second Year Coordinator in the Northwest Center for Medical Education and Step 6 Stepmaster. Also he serves as the Northwest Center for Medical Education Liaison with the Family Practice Residency Training Program at Methodist Hospital, Gary, Indiana. The teaching commitments encompass tutoring in our Problem Based Curriculum and lecturing. Also by being the Chair of the case review committee reviews the cases used. A more detailed reference follows:

Step 4. Neural Control and Disease

Reviewed, ammended and updated all cases of this step.

Tutored one of the three groups through the entire step
March 18 to May 10

PBL 661 Doctor Patient Relationship

Participated in the weekly meetings with Dr. Iatridis, Ms S. Vaughn, Ms M. Petersen to help form this new course, integrate the concept of the standardized patients, monitor the students progress by means of reviewing videotape, the charts that the students use for their patient and finally moderate and monitor the Student presentations in 490 minute sessions in which the students present their H & Ps that were held on:

March 19,1996

March,26,1996

March 28,1996

April 2, 1996

Step 6. Pathophysiology and advanced Problem solving. (Introduction to medicine)

Section of Cardiology. Six cases. Tutored entire section.
10.30.96 to 11.10.95

Section of Renal Medicine. Six cases. Tutored entire section.
11.29.95 to 12.12.95

Section of Endocrinology. Six cases. Tutored entire section.
01.22.96 to 01.26.96

Section of Hematology / Oncology. Seven cases. Tutored entire section.
02.05.96 to 02. 09.96

Section of Psychiatry. Six cases. Tutored entire section.
03.25.96 to 04.05.96

Section of Neurology. Six cases. Tutored entire section.
04.08.96 to 04.19.96

Methodist Hospital Family Practice Training Program

Presented Seminar Series on " Brain Imaging as a Tool to Study Neurological disease"

SERVICE

1. Attended

Introduction to Medicine Statewide Meeting July 1995

Gary Board of trustees of Gary Community Board, Wednesday, September 27, 1995
(9:00-11:00AM)

Breakfast and Lunch Meeting with Center Directors, October 23, 1995

Long term follow up patient Meeting with freshmen medical students, October 24 1995

Family Practice Residency program "Program evaluation Meeting at Gary Methodist Hospital"

Family Practice Residency program "Governing Body meeting"
NWC for medical Education 2/9/94

Attended Lake County medical Society Meeting and Dinner on 02-07-96

Family Practice Faculty Monthly Meetings
January 24, 1996
February 28, 1996
April 24, 1996

Introduction to Medicine Statewide Meeting July 1996

Family Practise Residency Disciplinary meeting; 07-18-96

Community Service

Career day at St Andrews School in Calumet City., IL

Participated "mini Medical School" and was the featured speaker April 1996 discussing dementia and its implications.

COMMITTEES

Associate Director Northwest Center for Medical Education
Second Year Coordinator

1. Chair. Case review committee

Oversees the development of every new case that is used in our curriculum

2. Seminar Committee.

Responsible for running the Northwest Center invited speaker seminar series for the first Semester of 1995-1996 with Dr P. Bankston

3. Homepage committee

Member of the committee that is constructing the Northwest Center for Medical Education homepage at the World Wide Web

Meetings: November 22,1995
 December 6, 1995
 January 31, 1996
 February 14, 1996
 March 12, 1996

4. Staff Evaluation Committee

Participate in the evaluation of all NW center Staff Member twice a year.

5. Resident Selection Committee for The IU Northwest / Methodist family Practice Residency Program

Interviewed all candidates: November 22,1995
 November 29, 1995
 December 13, 1995
 January 10, 1996
 January 17, 1996
 January 31,1996
 February 7, 1996

6. Masters Council

This is the committee that oversees the running of our PBL curriculum.

Participated in meetings: March 5, 1996
 March 12, 1996
 May 7.1996

7. Resident Disciplinary Committee for The IU Northwest / Methodist family Practice Residency Program

Oversees the progress of the residents in the program.

8. Indiana University Northwest / Methodist Family Practice Residency Program Governing Body

This is the Primary liaison committee between Indiana University School of Medicine and the IU Northwest / Methodist Family Practice Residency Program.

BIBLIOGRAPHY ARTICLES

- * Sakellaridis, N., Bau D., Mangoura, D. and Vernadakis, A. Developmental profiles of glial enzymes in the chick embryo: in vivo and in culture. *Neurochem. Intern.* 5: 685-689, 1983.
- * Vernadakis, A., Mangoura, D., Sakellaridis, N. and Linderholm, S. Glial cells dissociated from newborn and aged mouse brain. *J. Neurosci. Res.* 11: 253-262, 1984.
- * Sakellaridis, N., Mangoura, D. and Vernadakis, A. Glial cell growth in culture: influence of living cell substrata. *Neurochem. Res.*, 9: 1469-1483, 1984.
- * Vernadakis, A., Davies, D., Sakellaridis, N. and Mangoura, D. Growth patterns of glial cells dissociated from newborn and aged mouse brain with cell passage. *J. Neurosci. Res.* 15: 79-85, 1986.
- * Sakellaridis, N. and Vernadakis, A. An unconventional response of adenylate cyclase to morphine and naloxone in the chick during early development. *Proc. Nat. Acad. Sci. U.S.A.* 83: 2738-2742, 1986.
- * Sakellaridis, N., Mangoura, D. and Vernadakis, A. Effects of opiates on the growth of neuron enriched cultures from chick embryonic brain. *Int. J. Devl. Neurosci.* 4: 293-303, 1986.
- * Sakellaridis, N., Mangoura, D. and Vernadakis, A. Effects of neuron conditioned medium and fetal calf serum content on glial growth in dissociated cultures. *Devl. Brain Res.* 27: 31-41, 1986..
- * Davies, D.L., Sakellaridis, N., Valkana, T. and Vernadakis, A. Cholinergic neurotoxicity induced by ethylcholine aziridinium (AF64A) in neuron enriched cultures. *Brain Res.* 378: 251-261, 1986.
- * Vernadakis, A., Sakellaridis, N. and Mangoura, D. Growth patterns of primary cultures dissociated from 3-day-old chick embryos: morphological and biochemical comparisons. *J. Neurosci. Res.* 16: 397-408, 1986.
- * Geladopoulos, T., Sakellaridis, N. and Vernadakis, A. Differential maturation of mu and delta receptors in the chick embryonic brain. *Neurochem. Res.* 12: 279-288, 1987.
- * Mangoura, D., Sakellaridis, N. and Vernadakis, A. Factors influencing neuronal growth in primary cultures derived from 3- day-old chick embryos. *Int. J. Devl. Neurosci.* 6: 89-102. 1988.

- * Mangoura, D., Sakellaridis, N. and Vernadakis, A. Cholinergic neurons in cultures derived from three, six and eight-day-old chick embryo: a biochemical and immunocytochemical study. *Devl. Brain Res.* 40: 37-46, 1988.
- * Sakellaridis, N., Mangoura, D., Masserano, J.M., Detsis, D., Leoni, C.J., Deitrich, R. and Vernadakis, A. Developmental profile of glutamine synthetase in lines of mice inbred for ethanol sensitivity. *J. Neurosci. Res.* 24: 391-397, 1989.
- * Mangoura, D., Sakellaridis, N., Jones, J. and Vernadakis, A. Early and late passage C-6 glial cells growth: similarities with primary glial cells in culture *Neurochem. Res.* 14: 941-947, 1989.
- * Mangoura, D., Sakellaridis, N. and Vernadakis, A. Evidence for plasticity in neurotransmitter expression in neuronal cultures derived from 3-day-old chick embryo *Devl. Brain Res.* 51: 93-101, 1990
- * Vernadakis, A., Sakellaridis, N., Geladopoulos, T. and Mangoura, D. Function of opiates early in embryogenesis. In: *A decade of neuropeptides; past, present and future.* Annals N.Y. Acad. Sci. 579: 109-120, 1990.

*Referreed articles

CHAPTERS

Vernadakis, A. and Sakellaridis, N. Role of Glial Cells in Neurotransmission. In: "Neuroendocrinology of Hormono-transmitter Interaction". (H. Parvez, S. Parvez and D. Gupta, Eds.) Progress in Neuroendocrinology, Vol. 1, V.N.U. International Press, Utrecht, Holland, 1985, pp. 17-44.

Vernadakis, A., Sakellaridis, N., Mangoura, D., Davies, D. and Parker K Cellular and molecular aspects of glial cells with aging. In: "Dynamic properties of glial cells II. Cellular and molecular aspects". (T. Grisar, G. Franck, L. Hertz, W.T. Norton, M. Sensenbrenner and D. M. Woodbury, Eds.) Pergamon Press, Oxford, U.K, 1986, pp. 371-379.

Vernadakis, A., Sakellaridis, N., Mangoura, D. and Davies, D. Changes in glial cells in culture: development and aging. In "Model systems of development and aging of the nervous system". (A. Vernadakis, A. Privat, P.S. Timiras, E. Giacobini and J. Lauder, Eds.) Martinus Nijhoff Publishing, Boston, U.S.A., 1987, pp. 499-513.

Sakellaridis, N. and Vernadakis, A. The chick embryo vs. neural tissue culture as models for the study of opiate neurotoxicity in development. In: "Model Systems in Neurotoxicology- Alternative Approaches to Animal Testing." (A. Shahar and A. Goldberg Eds.), Alan R. Liss, Inc., New York, U.S.A., 1987, pp.85-100.

Vernadakis, A., Sakellaridis, N. and Mangoura, D. Nutrients and humoral substances in the microenvironment influence the development and aging of glial cells in culture. In: "Basic and Clinical Aspects of Nutrition and Brain Development." (D. K Rassin, B. Drujan and B. Haber Eds.), Alan R. Liss, Inc., New York, U.S.A. 1987, pp. 76-98.

Vernadakis, A., Sakellaridis, N. and Mangoura, D. Glial cells as metabolic regulators of neurons. In: "Amino acid availability and brain function in health and disease." (O. Huether, Ed.), Springer-Verlag Berlin Heidelberg, 1988, pp. 91-100.

Vernadakis, A., Kentroti, S., Brodie, C., Mangoura, D. and Sakellaridis, N. C-6 glioma cells of early passage have progenitor properties in culture. In: "Plasticity and Regeneration of the nervous system" A. Privat, P.S. Timiras, E. Giacobini, J. Lauder and A. Vernadakis, Eds., Plenum, New York, 1991.

Vernadakis, A., Kentroti, S., Brodie, C., Sakellaridis, N., Mangoura, D. and Davies, D. Neuron and glia interrelationships in developmental neurotoxicology in vitro. In: "In vitro toxicology: an alternative to animal testing?", Academic press, New York, 1991

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Sakellaridis, N., Mangoura, A. and Vernadakis, A. Glial enzyme development in chick brain: in vivo and in culture. Transactions of the American Society for Neurochemistry, 14: 220, 1983.

Sakellaridis, N., Deitrich, R. and Vernadakis, A. Evolution of adenylyl cyclase in chicks in ovo. Transactions of the American Society for Neurochemistry, 14: 231, 1983.

Mangoura, D., Sakellaridis, N. and Vernadakis, A. Characterization of glial cells cultured from newborn and aged brain. Transactions of the American Society for Neurochemistry, 14:219, 1983.

Sakellaridis, N., Mangoura, D., Deitrich, R. and Vernadakis, A. Microenvironment and glial growth in culture. J. Neurochem.,41 (Supp.) 37, 1983.

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Davies, D., Sakellaridis, N., Deitrich, R. and Vernadakis, A. Ethanol-related changes in adenylyl cyclase activity in glial cell cultures. The Pharmacologist, 25: 3, 1983.

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Davies, D., Valcana, T., Sakellaridis, N. and Vernadakis, A. Cytopathologic effects of cholinotoxin AF64A on Primary neural cultures. *Transactions of the American Society for Neurochemistry*, 16: 274, 1985.

Mangoura, D., Sakellaridis, N. and Vernadakis, A. Influence of neuronal conditioned medium and fetal calf serum on glial growth and differentiation in culture. *Int. J. Devl. Neurosci.* 3: 482, 1985.

Sakellaridis, N., Mangoura, D. and Vernadakis, A. Effects of opiates on the growth of cholinergic neurons in culture. *J. Neurochem.* 44 (Supp.): 135, 1985.

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Mangoura, D., Leoni, C., Sakellaridis, N. and Vernadakis, A. Primary cultures derived from 3-day-old chick embryo: a model for neuronal differentiation. *Int. J. Devl. Neurosci.* 4S: 26, 1986.

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Sakellaridis, N. and Vernadakis, A. Differences in binding patterns of ligands characterizing mu opiate receptors in the developing chick brain. *The Pharmacologist* 28: 126, 1986.

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Vernadakis, A., Sakellaridis, N., Mangoura, D. and Davies, D. Pharmacological manipulation of neural growth in culture. *Anticancer Research* 7 (5A): 914, 1987.

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Mangoura, D., Sakellaridis, N. and Vernadakis, A. The substratum influences neurotransmitter expression in cultures from 3-day-old chick embryo. *Soc. Neurosci. Abstr.* 14: 1020, 1988.

Sakellaridis, N., Mangoura, D., Masserano, J.M., Detsis, v., Leoni, C.J., Jones, J.D., Deitrich, R. and Vernadakis, A. Differences in astrocyte development in strains of mice inbred for different ethanol sensitivity. *Soc. Neurosci. Abstr.* 14: 431, 1988.

Sakellaridis, N., Mangoura, D. and Vernadakis, A. Neurons influence glial differentiation. *Trans. Am. Soc. Neurochem.* 20: 99, 1989.

Vernadakis, A. and Sakellaridis, N. Pharmacological approaches to the aging brain *Age.* 11: 174, 1989.

Vernadakis, A., Sakellaridis, N. and Mangoura, D. Changes in glial cells in culture derived from either newborn or aged mouse cerebral hemispheres. *J. Neurochem.* 1989.

Vernadakis, A., Sakellaridis, N. and Mangoura, D. Glial cells as metabolic regulators of neurons. 1989

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Pelletiere, C., Leung, S., Sakellaridis, N., Mangoura, D. Coupling of the prolactin receptor to tyrosine kinases regulate s activation of PLD, STAT91 and mitosis. *Soc. Neurosci.* 21: 562, 1995

Mangoura, D., Sakellaridis, N., Jastrow, A., Dawson, G. Staurosporine induces activation of a protein kinase (PK60) and apoptosis in chick embryonic astrocytes. Session: Apoptosis. *J. Neurochem.* S:50A, 1995.

Pelletiere, C., Leung, S., Sakellaridis, N., Mangoura, D. Coupling of the prolactin receptor to tyrosine kinases regulates activation of PLD, STAT91 and mitosis. Session: Glia. *Soc. Neuroscience*, 21:562, 1995.

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Mangoura, D., Cheng, Y., Sakellaridis, N., Leung, S. EGF activates FAK and ERK2 to regulate the cytoskeleton in cortical neuroblasts and neurons. Session: Trophic Factors And Cellular Mechanisms. *Soc. Neurosci.*, 23:1706, 1997.

Mangoura D. Pelletiere C., Wang D., Sakellaridis N., Sogos V. „Plasticity in astrocytic phenotypes. A role for protein kinase C, tyrosine kinases, and cytoskeleton signaling.” *Adv Exp Med Biol.* 1997;429:39-53. Review No abstract available. PMID: 9413564 [PubMed – indexed for MEDLINE].

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