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November 21, 2005

U.S. Nuclear Regulatory Commission Region 1, Licensing Assistance Team 475 Allendale Road King of Prussia, PA 19406-1415

RE: West Virginia University

NRC License No. 47-23035-01, Docket 030-20199

and

West Virginia University Hospitals, Inc.

Br.

Br. 2

NRC License No. 47-23066-02, Docket 030-20199

The licensees, West Virginia University (47-23035-01) and West Virginia University Hospitals, Inc. (47-23066-02), would like to respectively submit this request to amend their NRC Licenses to delete Dr. David Yelton and add Dr. Gregory Konat as the Chair of the Radiological Safety Committee. A copy of the appointment letter sent to Dr. Konat and the biographical sketch submitted by Dr. Konat are enclosed for your review.

The Radiological Safety Committee was created to preside over the enforcement of rules and policies in the use of ionizing radiation within the university and the hospital; plans for new buildings and modifications to existing structures, additional license requests or modifications to current licenses; annual review of Radiation Safety Program including ALARA; and the text included in the Radiation Safety Manual.

Academic Affairs Research Extension and Public Service Information Technology

Stewart Hall PO Box 6203 Morgantown, WV 26506-6203 139013/138014 NMSS/RGNI MATERIALS-002 Thank you for your assistance in processing the requested amendment to both licenses.

Sincerely,

Gerald E. Lang, Ph.D.

Gerald E. Jang

Provost and Vice President for Academic Affairs and Research

Enc: Appointment Letter

Biographical Sketch

C: Robert D'Alessandri

Bruce McClymonds Nasser Razmianfar



November 9, 2005

Gregory Konat, Ph.D. **Professor** WVU Neurobiology & Anatomy PO Box 9128 Morgantown, WV 26506

Dear Dr. Konat

We thank you for agreeing to serve as Chairperson of the West Virginia University and WVU Hospitals Radiological Safety Committee. This letter is your official notice of appointment. Please sign and return a copy to the Provost's Office.

The Radiological Safety Committee is composed of the Provost of WVU or his/her representative, the Vice President for Health Sciences or his/her representative, the Dean of the College of Medicine or his/her representative, the President of West Virginia University Hospitals, Inc. or his/her representative, others who may be nominated by any of the above, the Radiation Safety Officer and the chairperson of each of the Radiation Safety Sub-Committees reporting to the Radiological Safety Committee.

The overall mission of this committee is to:

- 1. Propose rules and policies on the use of ionizing radiation within the University and Hospital; such rules and policies are to be forwarded to the Provost who will consult with the Vice President for Health Sciences and the President of WVU Hospitals before adopting the recommendations.
- 2. Review plans for all new buildings and modifications of existing structures where ionizing radiation is to be used.
- 3. Review reports by the Radiation Safety Officer and the chairs of the Sub-Committees.
- 4. Approve and/or modify proposals for amendments to the various licenses or applications for the new licenses.
- 5. Perform an annual review of the content and implementation of the Radiation Safety Program including ALARA considerations. This includes a review Radiation Safety operations to ensure that all license obligations and regulations of NRC and WVRHP are met and that sources of ionizing radiation are beings used in a safe manner.
- 6. Approve changes and update the Radiation Safety Manual.

Academic Affairs Research **Extension and Public Service** Information Technology

In closing, please know that we appreciate your commitment to West Virginia's only land-grant research university (WVU), WVU Hospitals, and the nation through your continuous contributions to teaching, research, healthcare, and service.

Sincerely,

Gerald E. Lang, Ph.D.

Provost & Vice President

Academic Affairs & Research

Robert M. D'Alessandri, MD Vice President for Health Sciences

Signature

c: Nasser Razmianfar, Director and Radiation Safety Officer Fred Butcher, Sr. Assoc. VP, HSC Stephen L. Tancin, VP, WVUH Richard Dey, Chair, Neurobiology & Anatomy Radiological Safety Committee

CURRICULUM VITAE OF GREGORY W. KONAT

Personal

Mailing Address: Department of Neurobiology and Anatomy

West Virginia University School of Medicine

4052 HSN, P.O. Box 9128 Morgantown, WV 26506-9128

Telephone: (304) 293-0594; Fax: (304) 293-8159; E-mail: Gkonat@wvu.edu

Education

M.Sc. in Biochemistry (summa cum laude), Warsaw University, 6/1969.

Ph.D./L.M. in Biochemistry (summa cum laude), Odense University Medical School, 6/1975.

FEBS Advanced Course on Biomembranes and Lipids, University of Utrecht, 4/1975.

Academic Appointments

Research Associate, Department of Neurochemistry, Medical Research Center, Polish Academy of Sciences, Warsaw, 10/1969-2/1971.

Research Associate, The Neurochemical Institute, Copenhagen, 3/1971-9/1975.

Senior Scientist (tenured), The Neurochemical Institute, Copenhagen, 10/1975-12/1981.

Research Associate Professor, Institute of Medical Physiology and Institute of Neuropathology, University of Copenhagen 12/1981-4/1986.

Research Scientist and Teaching Associate, Department of Neurobiology and Anatomy, The University of Texas, Houston, 5/1983-9/1984.

Assistant Professor, Department of Neurology, Medical University of South Carolina, Charleston, 10/1984-05/1987.

Associate Professor, Department of Neurology, Medical University of South Carolina, Charleston, 06/1987-02/1989.

Professor, Department of Neurobiology and Anatomy, West Virginia University Medical School, Morgantown, 03/1989-present.

Academic Honors and Awards

Outstanding Scholar Awards, Warsaw University, 1966, 1967, 1968, 1969.

Presidential Award for Excellence in Scientific Research, Warsaw University, 1969.

Gold Medal from Odense University, the highest honor awarded in an open competition by a Danish University for solicited research project (The effect of triethyllead on developing rat brain), 1976.

Grant Support

The Royal Danish Multiple Sclerosis Society Travel Grant, 1973, 1978, 1979, 1980, 1981, 1982.

Warwara Larsen Foundation Travel Grant, 1977.

Iranian Academy of Sciences Travel Grant, 1978.

Danish State Research Council Travel Grant, 1979.

Polish Academy of Sciences Travel Grant, 1983.

The Royal Danish Multiple Sclerosis Society Training Grant, 1975 (FEBS Advanced Course No 30 on Biomembranes and Lipids, Utrecht, The Netherlands).

Postdoctoral Research Fellowship from The Canadian Multiple Sclerosis Society (\$32,000), 1977 (Myelin metabolism).

Privatbanken Research Grant (\$1,000), 1979 (Myelin metabolism), PI.

W. Larsen Foundation Research Grant (\$17,000), 1981 (Assembly of myelin membrane), PI.

J.O. Madsen Foundation Research Grant (\$2,500), 1982 (Pathogenic factors in multiple sclerosis), PI.

Senior Research Grant from the Royal Danish Multiple Sclerosis Society (\$51,000), 1982 (Pathoneurochemistry of multiple sclerosis), PI.

NIH Grant NINCDS NS-12044 (\$273,026), 1984-1987 (Molecular pathobiology of myelination), Co-PI.

MUSC Institutional Funds for Research Grant (\$8,073), 1986 (Biogenesis of myelin membrane), PI.

MUSC Institutional Funds for Research Grant (\$11,899), 1986 (Proteolipid protein processing in transgenic cell line), PI.

NIH Grant NINCDS NS-12044 (\$299,415), 1987-1990 (Myelin assembly and its genetic disorder), Co-PI.

National Multiple Sclerosis Society Research Grant (\$120,357), 1987-1990 (Myelin assembly in murine genetic dysmyelination), Co-PI.

NIH Grant NINCDS NS-11066 (\$4,000,000), 1987-1992 (Fundamental studies of spinal cord trauma, Program 3 (Mechanism of vascular injuries in spinal cord trauma), Co-I.

WVU Biomedical Research Grant 2 S07 RR05433-29 (\$7,525), 1990 (Trophic regulation of myelin gene expression), PI.

NIH Grant NINCDS NS-13799 (\$351,388), 1992-1994 (Undernutrition vulnerable subcellular membranes), Co-PI.

WVU Senate Research Grant (\$5,000), 1993 (Mechanisms of myelin gene regulation), PL

WVU Senate Faculty Travel Grant, 1993.

Biomedical Research Support Grant (\$7,750), 1995 (Expression of malic enzyme in oligodendrocytes), PI.

Beatrice P. Madera Medical Research Grant (\$54,000), 1995 (Characterization of NPY function using transgenic rats). PI of one of three subprojects (Chromatin organization of the NPY gene).

WVU Senate Faculty Travel Grant, 1995.

NIH Grant DK-45517 (\$767,772), 1995-2000 (Nitric oxide, NO and the kidney), Co-I.

CTR Research Grant 4287 (\$266,660), 1996-1998 (MAG gene and CNS regeneration), PI.

Research Development Grant, WVU School of Medicine (\$11,243), 1999 (Mechanisms of ischemic leukoencephalopathy), PI.

National Multiple Sclerosis Society Research Grant (\$228,301), 1999-2002 (Oxidative stress of oligodendrocytes and inflammatory demyelination), PI.

Research Development Grant, WVU School of Medicine (\$11,000), 2003 (Mechanisms of TP53 gene mutation in gliomas: The role of H₂O₂-induced chromatin digestion), PI.

NIH R21 NS051787 (\$231,250), 2005-2007 (Toll-like receptor 3 activation in astrocytes), PI

Teaching Experience

Courses

Enzymology, Department of Neurochemistry, Medical Research Center, Polish Academy of Sciences, 1970-1971

General Biochemistry, Neurochemical Institute, Copenhagen, 1971-1981

Eukaryotic Cell Biology (491), West Virginia University School of Medicine, 1989-1994 Course Director 1993-1994

Neurobiology (775), West Virginia University School of Medicine, 1989-present Principles of Human Anatomy (101), West Virginia University School of Medicine, 1989-1992

Cellular and Molecular Biochemistry (399D), West Virginia University School of Medicine, 1994-1998

Medical Histology (303), West Virginia University School of Medicine, 1999-present.

Cell Signaling, West Virginia University School of Medicine, 2002.

Fundamentals of Integrated Systems, West Virginia University School of Medicine, 2003-present.

Advanced Neurobiology, West Virginia University School of Medicine, 2004-present.

Graduate Student Advisor

Ping Ye, Ph.D., Department of Anatomy, 1989-1993

Weimen Zhu, Ph.D., Department of Anatomy, 1989-1994

Patrick Yassini, M.D./M.Sc., Department of Anatomy, 1991-1995

Jin Gu, Ph.D., Department of Anatomy, 1991-1996

Iwona Laszkiewicz, Ph.D., Department of Anatomy, 1993-1997

Houman Khosrovi, M.D/Ph.D., Department of Anatomy, 1996-1998

Raymond Mouzannar, Ph.D., Genetics and Developmental Biology, 1995-2001

Yaonan Sun, Ph.D. student, Department of Neurobiology and Anatomy, 2002-2004

Saritha Krishna, Ph.D. student, Genetics and Developmental Biology, 2003-present

Member of Graduate and Undergraduate Students Committees

William Fu, Ph.D., Department of Biochemistry, 1989-1991

Charles Francis, M.Sc., Department of Microbiology, 1989-1992

Jack Blackford, Ph.D., Department of Anatomy, 1992-1995

Ram S. Badran, Ph.D., Department of Biochemistry, 1993-1995

William S. Poling, Ph.D., Department of Neurobiology and Anatomy, 2000-2001

Deva Darwish, Ph.D., Neuroscience, 2005-present

Rotation and Summer Students

Carl Malanga, M.D./Ph.D. student, WVU School of Medicine, 1990

Franklin Shuler, M.D./Ph.D. student, WVU School of Medicine, 1990

Stacie Naylor, undergraduate student, WVU Department of Biology, 1993

Leera Patel, undergraduate student, WVU Department of Biology, 1995

Stephen Slowikowski, undergraduate student, University of Toronto, Department of Biology, 1998-2000

Daniel Delo, undergraduate student, WVU Department of Biology, 1998-1999 Joshua Barker, Ph.D. student, WVU Department of Neurobiology and Anatomy, 2001-2002

Yaonan Sun, Ph.D. student, WVU Department of Neurobiology and Anatomy, 2002 Isaac James, undergraduate student, WVU Department of Biology, 2005 Christopher Hertel, undergraduate student, WVU Department of Biology, 2005

Trainees

Margaret Bong-Mastek, Ph.D., Medical University of South Carolina, 1987-1990
Janusz Stanczak, Ph.D., Medical University of South Carolina, 1988-1989
Stefan Dowgird, M.Sc., West Virginia University School of Medicine, 1989-1990
Tad Bednarczuk, M.Sc., West Virginia University School of Medicine, 1989-1990
Makoto Kanoh, Ph.D., West Virginia University School of Medicine, 1989-1991
Joyce Royland, Ph.D., West Virginia University School of Medicine, 1989-1995
Iwona Laszkiewicz, Ph.D., West Virginia University School of Medicine, 1989-1998
Gary Goldberg, Ph.D., West Virginia University School of Medicine, 1990
Barbara Grubinska, M.Sc., West Virginia University School of Medicine, 1997-2000
Srinivas Narayan, Ph.D., West Virginia University School of Medicine, 2000-2001
Padmashree Tirumalai, Ph.D., West Virginia University School of Medicine, 2000-2002
Hua Bai, Ph.D., West Virginia University School of Medicine, 2000-2002
Monika Banaszewska, M.Sc., West Virginia University School of Medicine, 2001-present

Alicja Krasowska, M.Sc., West Virginia University School of Medicine, 2002-present

Committees at West Virginia University

Biomedical Research Support Committee, Chairman, 1989-1994

Promotion and Tenure Committee, Department of Neurobiology and Anatomy, 1989-2002

Academic Review Committee for Department of Biochemistry, 1989-1990

Cancer Center Search Committee, 1989-1990

Academic Review Committee for Department of Neurosurgery, 1993-1994

Van Liere Committee, 1994-2000

Non-Human Use of Radiation and Radionuclide Committee, 1996-present Chairman, 2003-present

Radiological Safety Committee, 2003-present

Research Renaissance Task Force, 1997-2000

University Faculty Senate, senator, 1998-1999

Forensic Identification Research Advisory Committee, 1998-2000

M.D./Ph.D. Oversight Committee, 1999-2003

Executive Committee of Genetics and Developmental Biology Program, 1999-present School of Medicine Faculty Promotion and Tenure Committee, Chairman, 2003-present Graduate Program Examination Committee, Chairman 2003-2005

Other Committees

Anti-Leukemia Foundation, Warsaw, Poland, Vice Chairman, 1999-present.

Invited Presentations

Department of Hygiene and Preventive Medicine, University of Copenhagen, 1973, (Degradation of environmental xenobiotics by liver cytochrome P-450 complex)

Department of Neurochemistry, University of London, 1978 (Trietyllead as a model drug to study cerebral myelination)

Department of Neurochemistry, Medical Research Center, Polish Academy of Sciences, Warsaw, 1979, (Biochemistry of CNS myelination)

International Conference on the Neurotoxicology of Selected Chemicals, Chicago, 1982, (Triethyllead and cerebral myelination)

Department of Biophysics, The Weizmann Institute of Science, Rehovot, 1982, (Pathochemistry of multiple sclerosis)

Department of Neurochemistry, Medical Research Center, Polish Academy of Sciences, Warsaw, 1983, (Possible mechanisms of my elin degradation in multiple sclerosis)

Department of Pharmacology, University of Houston, 1983, (Chemical approach to the pathogenesis of multiple sclerosis)

Department of Neurosurgery, University of Texas Medical School at Houston, 1983, (Myelinolytic activity of serum)

Department of Neurology, Medical University of South Carolina, 1984, (Intracellular translocation of myelin proteins)

Panum Institute, University of Copenhagen, 1985, (Posttranslational processing of myelin proteins)

Veterans Administration Medical Center, Portland OR, 1988, (Mechanisms of myelin assembly)

Department of Anatomy, West Virginia University, 1988, (Molecular mechanisms of myelination)

Department of Medical Physiology, University of Copenhagen, 1991, (Myelin gene expression in glioma C6 cells)

International Minisymposium on Developmental Neurochemistry, Medical Research Center, Polish Academy of Sciences, Warsaw, 1991, (Regulation of myelin gene expression in C6 cells)

American Association of Anatomists, 105 Annual Meeting, New York, 1992, (What every anatomist wants to know about molecular biology, but is afraid to ask)

Department of Cell Biology and Anatomy, Chicago University Medical School, 1992, (Differential regulation of myelin genes)

Second International Congress of the Polish Neuroscience Society, Cracow, 1995, (Chromatin remodeling of the MAG gene in differentiating oligodendrocytes)

Fourteenth Pfefferkorn Conference on Science of Biological Specimen Preparation and Microscopy, Belleville, IL, 1995, (Generation of high efficiency ssDNA probes by linear PCR)

Department of Molecular Biology, New York State Institute for Basic Research and Developmental Disabilities, Staten Islands, NY, 1996, (Characterization of MAG gene regulatory mechanisms in differentiating oligodendrocytes)

Institute of Pharmacology, Polish Academy of Sciences, Cracow, 1997, (Developmental upregulation of MAG gene in differentiating oligodendrocytes)

Department of Chemistry, Arizona State University, Tempe, 1997, (Activation of myelin associated glycoprotein gene in differentiating oligodendrocytes)

Symposium on Experimental and Clinical Pathophysiology, Warsaw, 1997, (Molecular basis of glial-myelin interaction: physiological and pathological implications)

Medical Research Center, Polish Academy of Sciences, Warsaw, 1997, (Structural characterization of MAG gene core promoter)

Nineteenth European Winter Conference on Brain Research, La Plagne, France, 1999, (Oxidative stress induces delayed degeneration of oligodendrocytes. Implications for inflammatory demyelination).

Fourth International Congress of Polish Neuroscience Society, Gdansk, 1999, (Oxidative oligodendrocyte damage).

33rd Annual Winter Conference on Brain Research, Breckenridge, 2000, (Degeneration of oligodendrocytes induced by inflammatory reactive oxygen species).

38th Annual Winter Conference on Brain Research, Breckenridge, 2005, (Double stranded RNA, a viral mimic triggers proinflammatory response in astrocytes).

36th Annual Meeting of American Society for Neurochemistry, Madison, 2005, Session Organizer (Toll-Like Receptors in the Nervous System).

Grant Reviews

NSF, external reviewer, 1995, 1998, 1999, 2002 National Multiple Sclerosis Society of Australia, external reviewer, 1998 Department of Veterans Affairs Grants, external reviewer, 2000 NIH, Behavioral and Neurosciences Special Emphasis Panel, 1997 NIH, Brain Disorders and Clinical Neuroscience, 2003-present

EDITORIAL POSITIONS

Ad hoc Reviewer: Environmental Physiology and Biochemistry, Neurobiology, Acta Neurologica Scandinavica, Journal of Neurochemistry, European Neurochemistry International, Neurobiology of Aging, Metabolic Brain Disease, Experimental Neurology. Central Nervous System Trauma, Life Sciences. BioTechniques, Brain Research, Journal of Neurological Research, Journal of Neuroscience Research, Neurochemical Research, Cytokines.

Professional Organization Membership

Federation of European Biochemical Societies (Danish Chapter) (since 1972) International Society for Neurochemistry (since 1977) International Society for Developmental Neuroscience (since 1978) Society for Complex Carbohydrates (since 1986) American Society for Neurochemistry (since 1986) American Society for Biochemistry and Molecular Biology (since 1988) Northern West Virginia Chapter Society for Neuroscience (since 1989)

Research Interests

Molecular mechanisms of neuroinflammation and neurodegeneration Oxidative stress Higher order chromatin degradation and mutagenesis

PUBLICATIONS

Books and Book Chapters

- Konat, G. (1969) Purification and characterization of ferredoxin from spinach leaves. The University of Warsaw, Master Thesis, pp. 1-71.
- Melchior, C., Clausen, J., Konat, G. & Brandt, S. (1973) Are there abnormalities in the fatty acids metabolism in ceroid lipofuscinosis (Spielmeyer-Vogt's Syndrome)? In: *Psykisk Utevecklingsstorda*. B. Lindstrom, S. Rayner, R. Sannerstedt (eds.), Molndal: Lindgren & Sonner, pp. 61-66.
- Konat, G. (1975) The comparison of liver and brain tissue response towards intoxication induced by DDT, lindane and Aroclor 1254. The University of Odense, Doctoral Dissertation, pp. 1-63.
- Konat, G. (1976) The effect of triethyllead on developing rat brain. Gold Medal Research Prize Dissertation, Odense University, Egen Udgave, pp. 1-53.
- Offner, H., Konat, G. & Clausen, J. (1977) Myoinositol test. In: *Histocompatability System in Multiple Sclerosis*, T. Fog (ed.), Acta Neural. Scand. vol. 55, Suppl. 63, p. 757-759.
- Clausen, J., Rastogi, S., Offner, H. & Konat, G. (1979) Partial purification of MS specific antigens. In: *Progress in Multiple Sclerosis Research*, H.J. Bauer, S. Poser & G. Ritter (eds.), Springer-Verlag, pp. 221-231.
- Rastogi, S.C., Clausen, J., Offner, H. & Konat, G. (1979) Partial purification of multiple sclerosis antigens. In: *Humoral Immunity in Neurological Diseases*, Karcher, D. & Lowenthal, A. (eds.), NATO Advanced Study Institutes Series, Series A: Life Sciences, vol. 24, p. 373-381.
- Offner, H., Konat, G., Rastogi, S.C., Fog, T. & Clausen, J. (1979) The enhancing effect of multiple sclerosis brain homogenate on the active E-rosette forming lymphocytes. In: *Humoral Immunity in Neurological Diseases*, Karcher, D. & Lowenthal, A. (eds.), NATO Advanced Study Institutes Series, Series A: Life Sciences, vol. 24, p. 475-479.
- Konat, G. & Offner, H. (1983) Effect of serum on CNS myelin. In: Actual Problems in MS Research, E. Pedersen, J. Clausen & L. Oades (eds.), p. 384-386.
- Konat, G. & Offner, H.(1983) CNS myelin in multiple sclerosis. In: Actual Problems in MS Research, E. Pedersen, J. Clausen & L. Oades (eds.), p. 387-389.
- Offner, H., Konat, G. & Sela, B.A. (1983) Elevated ganglioside concentration in serum and peripheral blood lymphocytes from multiple sclerosis patients in remission. In: *Actual Problems in MS Research*, E. Pedersen, J. Clausen & L. Oades, p. 390-392.

- Sela, B., Offner, H., Konat, G., Lev-Ram, V., Cohen, O. & Cohen. I.R. (1984) Immunological expression of gangliosides in multiple sclerosis and in a demyelinating model disease in rabbits. In: *Ganglioside Structure, Function and Biomedical Potential*, R.W. Ledeen, R.K. Yu, M.M. Rapport, K. Suzuki & G. Tettamanti (eds.), Plenum Press, New York and London, p. 441-453.
- Gould, R.M., Spivack, W., Cataneo, R., Holshek, J. & Konat, G. (1988) Lipids and myelination. In: *A Multidisciplinary Approach to Myelin Disease*, G. Serlupi Crescenzi (ed.), Plenum Publishing Corporation, p. 87-102.
- Konat, G. & Wiggins R.C. (1992) Genetic dysmyelination: A key to the mechanisms and regulation of myelination. In: *Animal Models of Neurological Disease I (Series: Neuromethods 21)*, A. Boulton, G. Baker and R. Butterworth (eds.), The Humana Press Inc., (invited review), pp. 175-203.
- Konat, G.W., Laszkiewicz, I., Grubinska, B. & Wiggins R.C. (1994) Generation of labeled DNA probes by PCR. In: *PCR Technology: Current Innovations*, H.G. Griffin and A.M. Griffin (eds.), CRC Press Inc., (invited contribution), pp. 37-42.
- Wiggins, R.C. & Konat, G.W. (1994) Myelination: A developmentally vulnerable system. In: *Developmental Neurotoxicology*, G.J. Harry (ed.), CRC Press Inc., (invited contribution), pp. 33-41.
- Konat, G.W. (1996) Chromatin structure and transcriptional activity of MAG gene (invited contribution). In: CNS Myelinogenesis, K. Domanska-Janik (ed.), Acta Neurobiol. Exper. 56:281-285.
- Konat, G.W. (1996) Generation of high efficiency ssDNA hybridization probes by linear polymerase chain reaction (LPCR). In: *The Science of Biological Specimen Preparation for Microscopy*, M. Malecki and G. Roomans (eds.), Microscopy International Inc. (invited contribution), pp. 57-60.

Articles

- Konat, G. (1971) The oxidative citrate metabolism in the cytoplasmic fraction of rat brain. Neurobiol. 1:153-161.
- Konat, G. & Clausen, J.(1971) The activity of cytochrome P-450 complex in multiple intoxication of the mouse. Environ. Physiol. 1:72-76.
- Dinesen, B. & Konat, G. (1971) Changes in the activity of rat liver nuclear and microsomal enzymes induced by a low dietary intake of vitamin E and linoleic acid. Environ. Physiol. 1:110-118.

- Clausen, J. & Konat, G. (1972) Enzymic and behavioural changes induced in mice fed polychlorinated biocides followed by starvation. Experientia 2:902-903.
- Konat, G. & Clausen, J. (1973) The cytochrome P-450 complex and esterase of the liver and brain in lindane, Aroclor 1254, and DDT-induced intoxication of the mouse. Environ. Physiol. Biochem. 3:139-147.
- Offner, H., Konat, G. & Clausen, J. (1973) The effect of DDT, lindane and Aroclor 1254 on brain cell culture. Environ. Physiol. Biochem. 3:204-211.
- Konat, G. (1973) Endogenous microsomal phospholipid peroxidation in mouse brain. J. Neurochem. 20:1247-1256.
- Offner, H., Konat, G. & Clausen, J. (1974) Effect of phytohemagglutinin, basic protein and measles antigen on myo-(2-3H) inositol incorporation into phosphatidylinositol of lymphocytes from patients with multiple sclerosis. Acta Neurol. Scand. 50:791-800.
- Grundt, I., Offner, H., Konat, G. & Clausen, J. (1974) The effect of methyl-mercury chloride and triethyllead chloride on sulphate incorporation into sulphatides of rat cerebellum slices during myelination. Environ. Physiol. Biochem. 4:166-171.
- Konat, G. & Clausen, J. (1974) The effect of long-term administration of triethyllead on the developing rat brain. Environ. Physiol. Biochem. 4:236-242.
- Offner, H., Konat, G. & Clausen, J. (1975) Morphological changes of astrocyte-like cells induced by serum \(\beta\)-lipoprotein in brain cell culture. Neurobiol. 5:192-196.
- Konat, G. & Clausen, J. (1976) Triethyllead-induced hypomyelination in the developing rat forebrain. Exp. Neurol. 50:124-133.
- Konat, G., Offner, Y. & Clausen, J. (1976) Triethyllead-restrained myelin deposition and protein synthesis in the developing rat forebrain. Exp. Neurol. 52:58-65.
- Jensen, G.E., Clausen, J., Melchior, J.C. & Konat, G. (1977) Clinical, social and biochemical studies on Batten's syndrome, alias Spielmeyer-Vogt or Stengel's syndrome. Eur. Neurol. 15:203-211.
- Offner, H., Konat, G. & Clausen, J. (1977) A blood test for multiple sclerosis. New Eng. J. Med. 296:451-452.
- Offner, H., Raun, N.E., Konat, G., Fog, T. & Clausen, J. (1977) Lymphocytes stimulation in multiple sclerosis patients untreated and treated with transfer factor. Acta Neurol. Scand. 56:465-474.

- Konat, G. & Clausen, J. (1978) Protein composition of forebrain myelin isolated from triethyllead-intoxicated young rat. J. Neurochem. 30:907-909.
- Konat, G., Offner, H. & Clausen, J. (1978) Effect of triethyllead on protein synthesis in rat forebrain. Exp. Neurol. 59:162-167.
- Offner, H., Rastogi, S.C., Konat, G. & Clausen, J. (1978) The enhancing effect of multiple sclerosis brain homogenates on the active E rosette forming lymphocytes. J. Neurol. 218:242-251.
- Offner, H., Konat, G., Raun, N.E. & Clausen, J. (1978) E rosette forming lymphocytes in multiple sclerosis patient. Basic protein stimulation of rosette-forming cells. Acta Neurol. Scand. 57:380-384.
- Konat, G., Offner, H. & Clausen, J. (1979) The effect of triethyllead on total and myelin protein synthesis in rat forebrain slices. J. Neurochem. 32:187-190.
- Offner H., Fog, T. Rastogi, S.C. Konat, G. & Clausen, J. (1979) The enhancing effect of multiple sclerosis brain homogenates on the active E-rosette forming lymphocytes in neurological disorders. Acata Neurol. Scand. 59:49-54.
- Offner, H., Rastogi, S.C., Konat, G. & Clausen, J. (1979) Stimulation of active E-rosette forming lymphocytes by myelin basic protein and specific antigens from multiple sclerosis brains. J. Neurol. Sci. 42:349-355.
- Rastogi, S.C., Clausen, J., Offner, H., Konat, G. & Fog, T. (1979) Partial purification of MS specific brain antigens. Acta Neurol. Scand. 59:281-296.
- Offner H., Konat, G., Legg, N.J., Raun, N.E., Witenberg, H. & Clausen, J. (1980) Antigenic stimulation of active E-rosette forming lymphocytes in multiple sclerosis, systemic lupus erythematosus and rheumatoid arthritis. Clin. Immunol. Immunopathol. 16:367-373.
- Konat, G. & Clausen, H. (1980) Suppressive effect of triethyllead on entry of proteins into the CNS myelin sheath in vitro. J. Neurochem. 35:382-387.
- Offner, H. & Konat, G. (1980) Stimulation of active E-rosette forming lymphocytes from multiple sclerosis patients by gangliosides and cerebrosides. J. Neurol. Sci. 46:101-104.
- Konat, G. (1981) Intracellular translocation of newly synthesized myelin proteins in the rat brain stem slices. Exp. Neurol. 73:254-266.
- Offner, H., Karup-Pedersen, F. & Konat, G. (1981) Lymphocyte stimulation by gangliosides and basic protein in juvenile rheumatoid arthritis. J. Clin. Lab. Immunol. 6:35-37.

- Offner, H., Konat, G. & Sela, B-A. (1981) Multi-sialo brain gangliosides are powerful stimulators of active E-rosetting lymphocytes from multiple sclerosis patients. J. Neurol. Sci. 52:279-287.
- Konat, G. & Offner, H. (1982) Effect of triethyllead on posttranslational processing of myelin proteins. Exp. Neurol. 75:89-94.
- Sela, B-A., Konat, G. & Offner, H. (1982) Elevated ganglioside concentration in serum and peripheral blood lymphocytes from multiple sclerosis patients in remission. J. Neurol. Sci. 54:143-148.
- Konat, G. & Offner, H. (1982) Effect of serum on the isolated CNS myelin membrane. Neurochem. Int. 4:143-147.
- Konat, G. & Offner, H., (1982) Density distribution of myelin fragments isolated from control and multiple sclerosis brains. Neurochem. Intl. 4:241-246.
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September 30, 2005

This is to acknowledge the rec	eipt of your letter/application dated
includes an administrative revi	
Amendments 47-23035-01/47-23066-02 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.	
Please provide to this office within 30 days of your receipt of this card	
A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.	
Your action has been assigned Mail Control Number 13863/138014 When calling to inquire about this action, please refer to this control number. You may call us on (610) 337-5398, or 337-5260.	
NRC FORM 532 (RI) (6-96)	Sincerely, Licensing Assistance Team Leader