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Linguagen

Bringing Better Taste to Life

November 23, 2004

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John D. Kinneman, Chief
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

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Dear Mr. Kinneman,

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This is to request that the Linguagen Inc. NRC License 29-30560-01 be amended as follows:

Due to recent personnel changes, change the Radiation Safety Officer from Stacy Carlucci, B.S. to Dr. Kyle Palmer. Dr. Palmer was added as an authorized user in August 2004. Dr. Palmer has over 20 years of experience handling radioactive materials at Rutgers University, the University of Michigan, Parke Davis, the University of North Carolina and Schering-Plough. In addition to his extensive experience, Dr. Palmer received periodic refresher training in radiation principles and practices while working at his previous employers. Dr. Palmer has used the following radioisotopes with the largest amount per experiment in parenthesis: P-32 (100 μ Ci), H-3 (100 μ Ci), S-35 (100 μ Ci), P-33 (100 μ Ci) and I-125 (5 mCi).

Formal training includes:

- 1) 1988-1989: Eastern Michigan University, Toxicology I, Toxicology II
- 2) 1990-1995: University of Michigan radiation safety training seminar, certification, and refresher training.
- 3) 1999-2004: Schering-Plough annual radiation safety training (Frederick Jaeger, instructor, Chief RSO and Director of Safety and Industrial Hygiene; phone: 908-740-3577.)

Selected publications that document Dr. Palmer's technical experience with radioactivity in laboratory settings:

Fossetta J, Jackson J, Deno G, Fan X, Du XK, Bober L, Soude-Bermejo A, de Bouteiller O, Caux C, Lunn C, Lundell D, Palmer RK. Pharmacological analysis of calcium responses mediated by the human A3 adenosine receptor in monocyte-derived dendritic cells and recombinant cells. Mol Pharmacol. 2003 Feb;63(2):342-50.

Zhang FL, Luo L, Gustafson E, Lachowicz J, Smith M, Qiao X, Liu YH, Chen G, Pramanik B, Laz TM, Palmer K, Bayne M, Monsma FJ Jr. ADP is the cognate ligand for the orphan G protein-coupled receptor SP1999. J Biol Chem. 2001 Mar 16;276(11):8608-15.

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Palmer RK, Boyer JL, Schachter JB, Nicholas RA, Harden TK. Agonist action of adenosine triphosphates at the human P2Y1 receptor.
Mol Pharmacol. 1998 Dec;54(6):1118-23.

Palmer RK, Yule DI, McEwen EL, Williams JA, Fisher SK. Agonist-specific calcium signaling and phosphoinositide hydrolysis in human SK-N-MCIXC neuroepithelioma cells.
J Neurochem. 1994 Dec;63(6):2099-107.

Palmer RK, Rapundalo ST, Batley BL, Barnes AE, Singh S, Ryan MJ, Taylor DG Jr. Disparity between blood pressure and PRA inhibition after administration of a renin inhibitor to anesthetized dogs: methodological considerations.
Clin Exp Hypertens. 1993 Jul;15(4):663-81.

To assist Dr. Palmer, Robert Forrest, CHP will also provide health physics consulting services to Linguagen.

If you need further information, please contact Dr. Kyle Palmer at (609) 860-1500.

Sincerely,



Robert Bryant, Ph.D.
Vice President, Discovery Research
Linguagen Corporation

cc: Dr. Kyle Palmer
Robert Forrest, CHP