

SCIENTIFIC PROGRAM
Monday / Lundi / Montag / Poniedziałek

Monday	PLENARY LECTURE 1
9:30-10:30	Professor Bengt Lengström
	Uppsala University PET Center
	“The Progress in Synthesis of Labelled Compounds Using Short-Lived Radionuclides and Their Applications to Measure Biochemistry and Pharmacology In Vivo”
Monday	SPONSORED LECTURE 1
10:30-11:30	Professor Chi-Huey Wong
	The Scripps Research Institute
	“Chemo-Enzymatic Synthesis of Carbohydrates and Glycoconjugates”
Monday	SYNTHESIS OF COMPOUNDS LABELED WITH OTHER ISOTOPES
3:00-4:30	<i>Chairman:</i> Dennis C. Dean, Merck Research Laboratories
3:00-3:20	Synthesis of Iodine-123 Agents for Use in the Detection of Alzheimer Disease
	G.W. Kabalka, M.R. Akula, and Z.Y. Zhang
3:20 - 3:40	Radioiodination of Interferon $\alpha 2b$ Using Bolton-Hunter and PIB Reagents; Evaluation of Label Stability Using Whole Body Autoradiography
	D. Koharski, M. Thonoor, M. Wirth, and P. McNamara
3:40 - 4:10	^{32}P -Labeled Analogs of Farnesyl and Geranylgeranyl Pyrophosphate: Synthesis and Application in Photoaffinity Labeling Experiments with Protein Prenyltransferases
	T.C. Turek, R.L. Edelstein, I. Gaon, V.A. Weller, and M.D. Distefano
4:10 - 4:30	New Applications of High Specific Activity [^{35}S]Sulfonamides to Photoaffinity Labeling
	D.C. Dean, M.A. McEvoy, M.M. Smith, P.T. Meinke, and D.G. Melillo
Monday	HANDLING ISOTOPES: SAFETY/REGULATORY/POLITICAL/SOCIAL DIMENSIONS
4:30 - 6:30	<i>Chairman:</i> Jim Hicks, Parke-Davis Pharmaceutical Research
4:30 - 4:50	Ten Lessons From Research for Communicating About Radioactive Waste Issues
	A.S. Bisconti and P.H. Genoa
4:50 - 5:10	Low Level Radioactive Waste Disposal - A European Perspective
	D.J. Morecombe

5:10 - 5:30	A Practical Approach to the Destruction of Radioactive Organic Mixtures
	L.E. Weaner, D.C. Hoerr, W.T. Shmayda, A.G. Heics, and J.D. Blevins
5:30 - 5:50	Tritium Recovery From Tritiated Liquids
	W.T. Shmayda, A.B. Antoniazzi, J. Blevins, L.E. Weaner, and D.C. Hoerr
5:50 - 6:00	Summary of the Activities of the IIS Low-Level Radioactive Waste Committee
	J.L. Hicks
Monday	SYNTHESIS AND APPLICATIONS OF COMPOUNDS LABELED
3:00 - 6:00	WITH SHORT-LIVED ISOTOPES
	<i>Chairmen:</i> Wouter A.P. Breeman, University Hospital Dijkzigt
	Michael R. Kilbourn, University of Michigan Medical School
3:00 - 3:30	Studies on Tissue Distribution and the Antiproliferative Effect of Radiolabeled Octreotide Analogs in Rats
	W.A.P. Breeman, M. de Jong, D.J. Kwekkeboom, T.J. Visser, A. Srinivasan, and E.P. Krenning
3:30 - 4:00	Radiopharmaceuticals for Imaging the Serotonin System C.A. Mathis, Y. Huang, and N.S. Mason
	C.A. Mathis, Y. Huang, and N.S. Mason
4:00 - 4:30	Stereoselective Synthesis of [11C]6 β ,7 γ -Dihydroroten-12-ol, a Marker of Mitochondrial Complex I Activity S.E. Snyder, P.S. Sherman, and M.R. Kilbourn
	S.E. Snyder, P.S. Sherman, and M.R. Kilbourn
4:30 - 4:45	Synthesis of D-[6-11C]glucose, 2-deoxy-[1-11C] glucose and D-[1-11C] fructose
	M. Ugren and B. Lengström
4:45 - 5:00	Applications of a New Radiopharmaceutical (99m-Techneium-thymine) in Clinical Research and Medicine
	B. Gutfilen, E. Rodrigues, L.M.B. Fonseca, R. Soraggi, S.A. Goncalves, and M. Bernardo-Filho
5:00 - 5:15	The Use of a Fluorine-18 Labeled Agent Along With Position Emission Tomography for Treatment Planning in the U.S. Clinical Trials of Boron Neutron Capture Therapy
	G. Kabalka, G. Smith, K. Hübner, W. Reid, D. Longford, J. Dykes, and T. Nichols
5:15 - 5:30	Progress in the Synthesis of Paroxetine-[18F]
	S.W. Landvatter, K.T. Garnes, and R.F. Dannals
5:30 - 5:45	Radiolabeled 2 β -Methoxycarbonyl [TC-99M] cyclopentadienyltricyclic-3 β -(4-chlorophenyl)tropane (CPTTDTAT): Synthesis, Characterization and Tissue

	Distribution of a Radioligand for Mapping Dopamine Transporter Sites by SPECT.
	A. Xing, B. Shi, C. Kilts, D.T. Abak, V. Camp, E. Malveaux, T. Ely, M. Owen, P. Lambert, and M.M. Goodman
5:45 - 6:00	Preparation of ^{64}Cu - BAT Complexes as a Myocardial Perfusion Imaging Agent
	L. Boli, C. Huawei, and Z. Lin

[Tuesday's Program](#)

[Wednesday's Program](#)

[Thursday's Program](#)