

# JNM



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## SNM NEWSLINE

- 15N New Equipment in Nuclear Medicine, Part 1: Solid-State Detectors**  
*Linda E. Keichum*
- 16N Understanding Patient Needs: Congressmen Aid Field of Nuclear Medicine**  
*Deborah Kotz*
- 26N CHCPP News**  
*Wendy J. M. Smith*
- 33N Task Force Monitors New Developments in Hospital Outpatient APCs**  
*Jack J. Slosky and Gordon B. Schatz*
- 38N Government Relations Update**  
*David Nichols*

## NUCLEAR CARDIOLOGY

- 1835 Abnormality of Myocardial Oxidative Metabolism in Noninsulin-Dependent Diabetes Mellitus**  
*Naoya Hattori, Nagara Tamaki, Takashi Kudoh, Izuru Masuda, Yasuhiro Magata, Haruhiro Kitano, Masayuki Inubushi, Eiji Tadamura, Kazuwa Nakao and Junji Konishi*
- 1841 Impairment of Cardiac Neuronal Function in Acute Myocarditis: Iodine-123-MIBG Scintigraphy Study**  
*Denis Agostini, Gérard Babatasi, Alain Manrique, Eric Saloux, Gilles Grollier, Jean Claude Potier and Gérard Bouvard*
- 1845 Abnormal BMIPP Uptake in Chronically Dysfunctional Myocardial Segments: Correlation with Contractile Response to Low-Dose Dobutamine**  
*Anne-Sophie E. Hambÿe, Marc M. Vaerenberg, André A. Dobbela, Paul A. Van den Heuvel and Philippe R. Franken*
- 1850 Effect of Oral Glucose Loading on the Biodistribution of BMIPP in Normal Volunteers**  
*Frank De Geeter, Vicky Cavaliers, Ingrid Pansar, Axel Bossuyt and Philippe R. Franken*
- 1857 First-Pass Radionuclide Angiographic Analysis with Two Regions of Interest to Improve Left Ventricular Ejection Fraction Accuracy**  
*Kim A. Williams, Todd A. Bryant and Linda A. Taillon*
- 1862 Sympathetic Reinnervation Demonstrated on Serial Iodine-123-Metaiodobenzylguanidine SPECT Images After Cardiac Transplantation**  
*Masahiro Toba, Yoshio Ishida, Kazuki Fukuchi, Yoriko Shimotsu, Makoto Takamiya, Kazuo Komamura, Takeshi Nakatani, Hideo Ohuchi, Yasuo Ono and Tetsurou Kamiya*
- 1864 Impact of Reorientation Algorithms on Quantitative Myocardial SPECT Perfusion Imaging**  
*Mojgan Haddad and Gerold Porenta*

**1869 Identification of Viable Myocardium in Patients with Chronic Coronary Artery Disease Using Rest-Redistribution Thallium-201 Tomography: Optimal Image Analysis**

*Leonardo Pace, Pasquale Perrone-Filardi, PierPaolo Mainenti, Alberto Cuocolo, Pasquale Vezzuto, Mariella Prastaro, Andrea Varrone, Giuseppe De Luca, Andrea Soricelli, Sandro Betocchi, Massimo Chiarello and Marco Salvatore*

## NUCLEAR NEUROLOGY

- 1875 Cerebral Glucose Metabolism in Patients with Frontotemporal Dementia**  
*Kazunari Ishii, Setsu Sakamoto, Masahiro Sasaki, Hajime Kitagaki, Shigeru Yamaji, Mamoru Hashimoto, Toru Imamura, Tatsuo Shimomura, Nobutsugu Hirono and Etsuro Mori*
- 1879 Imaging of Dopamine Transporters with Iodine-123-FP-CIT SPECT in Healthy Controls and Patients with Parkinson's Disease**  
*Jan Booij, Jan B.A. Habraken, Paul Bergmans, Gerrit Tissingh, Ania Winogrodzka, Erik Ch. Wolters, Anton G.M. Janssen, Johannes C. Stoof and Eric A. van Royen*
- 1884 Fluorine-18-Fluoro-L-DOPA Dosimetry with Carbidopa Pretreatment**  
*W. Douglas Brown, Terrence R. Oakes, Onofre T. DeJesus, Michael D. Taylor, Andrew D. Roberts, Robert J. Nickles and James E. Holden*

## NUCLEAR ONCOLOGY

- 1892 Planar Coincidence Scintigraphy and PET in Staging Malignant Melanoma**  
*Hans C. Steinert, Daniel R. Voellmy, Christian Trachsel, Ivette Bicik, Alfred Buck, Rahel A. Huch and Gustav K. von Schulthess*
- 1897 Thallium-201, Technetium-99m-Tetrofosmin and Iodine-131 in Detecting Differentiated Thyroid Carcinoma Metastases**  
*Seher Ünal, Yusuf Menda, Işık Adalet, Harika Boztepe, Neşe Özbey, Faruk Alagöl and Sema Cantez*
- 1903 Redifferentiation Therapy-Induced Radioiodine Uptake in Thyroid Cancer**  
*Frank Grünwald, Christian Menzel, Hans Bender, Holger Palmedo, Rolf Otte, Rolf Fimmers, Jörn Risse and Hans J. Biersack*
- 1907 Indium-111-DTPA-D-Phe-1-Octreotide and Technetium-99m-(V)-Dimercaptosuccinic Acid Scanning in the Preoperative Staging of Medullary Thyroid Carcinoma**  
*Amir Kurtaran, Christian Scheuba, Klaus Kaserer, Wolfgang Schima, Christian Czerny, Peter Angelberger, Bruno Niederle and Irene Virgolini*
- 1910 Breast Cyst Simulating Metastases on Iodine-131 Imaging in Thyroid Carcinoma**  
*Anton Serafini, George Sfakianakis, Michalakis Georgiou and James Morris*
- 1913 Somatostatin Receptor Scintigraphy in Postsurgical Follow-Up Examinations of Meningioma**  
*Susanne Klutmann, Karl H. Bohuslavizki, Winfried Brenner, Anja Behnke, Nicole Tietje, Sabine Kröger, Heinz-Hermann Hugo, Hubertus M. Mehdorn, Malte Clausen and Eberhard Henze*

**1918 Technetium-99m-Antiepidermal Growth Factor-Receptor Antibody in Patients with Tumors of Epithelial Origin: Part II. Pharmacokinetics and Clearances**

*Normando Iznaga-Escobar, Leonel A. Torres Arocha, Alejo Morales Morales, Mayra Ramos Suzarte, Nelson Rodriguez Mesa and Rolando Pérez Rodriguez*

**1928 Indium-111-DOTA-Lanreotide: Biodistribution, Safety and Radiation Absorbed Dose in Tumor Patients**

*Irene Virgolini, Istvan Szilvasi, Amir Kurtaran, Peter Angelberger, Markus Raderer, Ernst Havlik, Friedrich Vorbeck, Claudia Bischof, Maria Leimer, Guido Dörner, Kurt Kletter, Bruno Niederle, Werner Scheithauer and Peter Smith-Jones*

**1937 Delivery of Therapeutic Doses of Radiiodine Using Bispecific Antibody-Targeted Bivalent Haptens**

*Emmanuel Gautherot, Jean-Marc Le Doussal, Jamila Bouhou, Corine Manetti, Marie Martin, Eric Rouvier and Jacques Barbet*

**1944 Radiotherapy, Toxicity and Dosimetry of Copper-64-TETA-Octreotide in Tumor-Bearing Rats**

*Carolyn J. Anderson, Lynne A. Jones, Laura A. Bass, Elizabeth L.C. Sherman, Deborah W. McCarthy, P. Duffy Cutler, Margaret V. Lanahan, Michael E. Cristel, Jason S. Lewis and Sally W. Schwarz*

**1951 Evaluation of the Detectability of Breast Cancer Lesions Using a Modified Anthropomorphic Phantom**

*Niraj K. Doshi, Mario Basic and Simon R. Cherry*

**GENERAL NUCLEAR MEDICINE**

**1958 Human Biodistribution and Dosimetry of the PET Perfusion Agent Copper-62-PTSM**

*Thomas R. Wallhaus, Jeffrey Lacy, Jean Whang, Mark A. Green, Robert J. Nickles and Charles K. Stone*

**1965 Quantitative Analyses of Carbonyl-Carbon-11-WAY-100635 Binding to Central 5-Hydroxytryptamine-1A Receptors in Man**

*Lars Farde, Hiroshi Ito, Carl-Gunnar Swahn, Victor W. Pike and Christer Halldin*

**1972 Biodistribution and Kinetics of Nasal Carbon-11-Triamcinolone Acetonide**

*Marc S. Berridge, Donald L. Heald, Gary J. Muswick, Gregory P. Leisure, Ken W. Voelker and Floro Miraldi*

**1977 Increased Subglottic Gallium Uptake in Relapsing Polychondritis**

*Chio Okayama, Yo Ushijima, Hiroki Sugihara, Shigeyuki Okitsu, Hirotohi Ito and Tomoho Maeda*

**1980 Ectopic Hematopoietic Bone Marrow in the Appendicular Skeleton After Trauma**

*Achim Kaim, Peter Ochsner, Thomas Maurer, Gernot Jundt and Jan Mueller-Brand*

**1983 Patterns of Abnormality on Bone Scans in Acute Childhood Leukemia**

*Elizabeth J. Bernard, Wayne D. Nicholls, Robert B. Howman-Giles, Stewart J. Kellie and Roger F. Uren*

**1986 Reverse Ventilation—Perfusion Mismatch in Lung Cancer Suggests Intrapulmonary Functional Shunting**

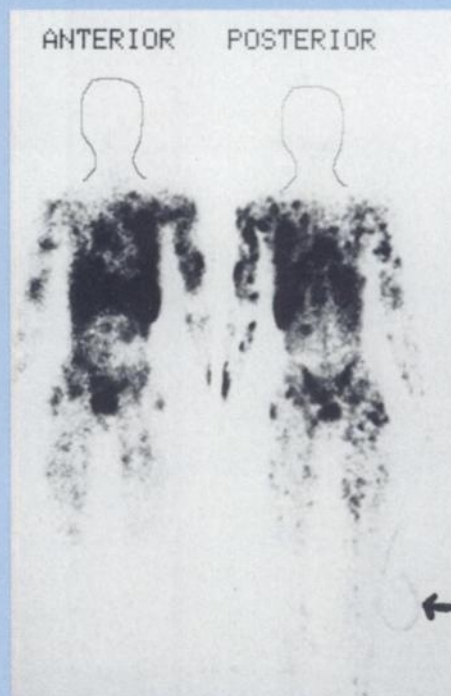
*Myriam Wartski, Eric Zerbib, Jean-François Regnard and Philippe Hervé*

**1989 Radiation Absorbed Doses to the Walls of Hollow Organs**

*James B. Stubbs, Jeffrey F. Evans and Michael G. Stabin*

**FIRST IMPRESSIONS**

Radiotracer contamination or disease?  
For acquisition information, turn to page 1891.



**1996 Half-Fanbeam Collimators Combined with Scanning Point Sources for Simultaneous Emission-Transmission Imaging**

*Freek J. Beekman, Chris Kamphuis, Brian F. Hutton and Peter P. van Rijk*

**2003 Imaging of Adenoviral-Directed Herpes Simplex Virus Type 1 Thymidine Kinase Reporter Gene Expression in Mice with Radiolabeled Ganciclovir**

*Sanjiv S. Gambhir, Jorge R. Barrio, Lily Wu, Meera Iyer, Mohammad Namavari, Nagichettiar Satyamurthy, Eileen Bauer, Capella Parrish, Duncan C. MacLaren, Ali R. Borghei, Leeta A. Green, Susan Sharfstein, Arnold J. Berk, Simon R. Cherry, Michael E. Phelps and Harvey R. Herschman*

**PROCEDURE GUIDELINE**

**2012 Procedure Guideline for Carbon-14-Urea Breath Test**

*Helena Balon, Carol A. Gold, Howard J. Dworkin, Vince A. McCormick and John E. Freitas*

**DEPARTMENTS**

**1957 Request for New Data: MIRD Radionuclide Data and Decay Schemes, second edition**

**2014 First Impressions**

**2015 Letters to the Editor**

**43A** Calendar

**58A** Classified Advertising

**60A** JNM Direct Response