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**SNM NEWSLINE**

**9N Year of the Brain**

*Stanley J. Goldsmith*

**10N Uncertainties Face Medical Accelerator Proposal**

*J. Rojas-Burke*

**11N SNM and ACNP Urge NRC to Stop Regulating Nuclear Medicine**

*Linda E. Ketchum*

**13N Society Move to Headquarters in Reston, VA, Successfully Completed**

*Maryanne Shanahan*

**15N Newsbrief: IRE: Another Supplier of Molybdenum-99**

**COMMENTARY**

**1891 Taking Brain SPECT Seriously: Reflections on Recent Clinical Reports in *The Journal of Nuclear Medicine***

*Jack E. Juni*

**HUMAN STUDIES**

**1896 Ictal and Interictal Brain SPECT Imaging in Epilepsy Using Technetium-99m-ECD**

*Frank Grünwald, Christian Menzel, Laszlo Pavics, Jürgen Bauer, Andreas Hufnagel, Karl Reichmann, Ruth Sakowski, Christian E. Elger and Hans J. Biersack*

**1902 Gender Differences in Cerebral Perfusion in Cocain Abuse: Technetium-99m-HMPAO SPECT Study of Drug-Abusing Women**

*Jonathan M. Levin, B. Leonard Holman, Jack H. Mendelson, Siew Koon Teoh, Basem Garada, Keith A. Johnson and Sandy Springer*

**1910 Clinical Application and Quantitative Evaluation of Generator-Produced Copper-62-PTSM as a Brain Perfusion Tracer for PET**

*Hidehiko Okazawa, Yoshiharu Yonekura, Yasuhisa Fujibayashi, Sadahiko Nishizawa, Yasuhiro Magata, Koichi Ishizu, Fumiko Tanaka, Tatsuro Tsuchida, Nagara Tamaki and Junji Konishi*

**1916 PET Studies on Dopamine D1 Receptors in the Human Brain with Carbon-11-SCH 39166 and Carbon-11-NNC 756**

*Arto O. Laihininen, Juha O. Rinne, Hanna M. Ruottinen, Kjell Å. Någren, Pertti K. Lehtikoinen, Vesa J. Oikonen, Ulla H. Ruotsalainen and Urpo K. Rinne*

**1921 Dopamine D2 Receptor Imaging with Iodine-123-Iodobenzamide SPECT in Idiopathic Rotational Torticollis**

*Johannes Hierholzer, Michael Cordes, Ludwig Schelosky, Wolf Richter, Uwe Keske, Stefan Venz, Wolfhard Semmler, Werner Poewe and Roland Felix*

**1928 Incidence of Pulmonary Embolism in Single Segmental Mismatch on Lung Scanning**

*Elizabeth J. Bernard, Ramy Nour, S. Patrick Butler and Richard J. Quinn*

**1931 Editorial: V/Q Imaging and the Diagnosis of PE: "Can We Shift the Gray to Black and White?"**

*Alexander Gottschalk*

**1933 Early Pulmonary Involvement in Systemic Sclerosis Assessed by Technetium-99m-DTPA Clearance Rate**

*Stefano Fanti, Arcangelo De Fabritiis, Daniele Aloisi, Maurizio Dondi, Mario Marengo, Gaetano Compagnone, Francesco Fallani, Alberto Cavalli and Nino Monetti*

**1937 Left Ventricular Functional Reserve in Nonobstructive Hypertrophic Cardiomyopathy: Evaluation by Continuous Left Ventricular Function Monitoring**

*Junichi Taki, Kenichi Nakajima, Masami Shimizu, Norihisa Tonami and Kinichi Hisada*

**1944 Radioiodine Therapy for Well-Differentiated Thyroid Cancer: A Quantitative Dosimetric Evaluation for Remnant Thyroid Ablation After Surgery**

*A.M. Samuel and B. Rajashekharrao*

**1951 Evaluation of Technetium-99m-L,L-EC in Renal Transplant Recipients: A Comparative Study with Technetium-99m-MAG3 and Iodine-125-OIH**

*Michel Stoffel, François Jamar, Chris Van Nerom, Alfons Verbruggen, Michel Mourad, Norbert Leners, Jean-Paul Squifflet and Christian Beckers*

**1959 Dynamic Renal Imaging with Technetium-99m-Sestamibi in Hypertension: Potential for Assessment of Renovascular Disorders**

*Gilbert A. Hurwitz, Samia K. Ghali, Adel G. Mattar, Denis R. Gravelle and Mariwan Husni*

**1965 Value of Fluorine-18-FDG-PET for Monitoring Hepatocellular Carcinoma After Interventional Therapy**

*Tatsuo Torizuka, Nagara Tamaki, Tetsuro Inokuma, Yasuhiro Magata, Yoshiharu Yonekura, Akira Tanaka, Yoshio Yamaoka, Kazutaka Yamamoto and Junji Konishi*

**1970 Radioimmunoguided Surgery Using Iodine-125-Labeled Biotinylated Monoclonal Antibodies and Cold Avidin**

*Giovanni Paganelli, Marco Stella, Felicia Zito, Patrizia Magnani, Paola De Nardi, Francesca Mangili, Dario Baratti, Fabrizio Veglia, Valerio Di Carlo, Antonio G. Siccardi and Ferruccio Fazio*

**1976 Clinical Validation of SPECT and CT/MRI Image Registration in Radiolabeled Monoclonal Antibody Studies of Colorectal Carcinoma**

*Andrew M. Scott, Homer A. Macapinlac, Chaitan R. Divgi, Jiaju J. Zhang, Hovannes Kalaigian, Keith Pentlow, Susan Hilton, Martin C. Graham, George Sgouros, Charles Pelizzari, George Chen, Jeffrey Schlom, Stanley J. Goldsmith and Steven M. Larson*

**CASE REPORTS**

**1985 Pectus Excavatum: Abnormal Exercise Scintigraphy with Normal Coronary Arteries**

*Jeffrey W. Chambers, René P. duCret, Terry R. Bowers, Christopher E. Engeler, Robert J. Bache and George C. Haidet*

**1989 False-Positive Reversible Perfusion Defect During Dobutamine-Thallium Imaging in Left Bundle Branch Block**

*Dennis A. Tighe, Howard G. Hutchinson, Chan H. Park, Edward K. Chung, David L. Fishman and Joel S. Raichlen*

**1992 Use of Bone Scintigraphy to Select Patients with Multiple Myeloma for Treatment with Strontium-89**

*G. Keith Edwards, James Santoro and Andrew Taylor, Jr.*

**1994 Editorial: The Treatment of Painful Osteoblastic Metastases: What Can We Expect from Nuclear Oncology?**

*Edward B. Silberstein*

**LABORATORY STUDIES**

**1996 Enantioselective Synthesis of 6-[Fluorine-18]-Fluoro-L-Dopa from No-Carrier-Added Fluorine-18-Fluoride**

*Christian Lemaire, Philippe Damhaut, Alain Plenevaux and Dominique Comar*

**METHODOLOGY**

**2003 Consensus-Development Method for Producing Diagnostic Procedure Guidelines: SPECT Brain Perfusion Imaging with Exametazime**

*James W. Fletcher, Steven H. Woolf and Henry D. Royal*

**2011 An Interactive Technique for Three-Dimensional Image Registration: Validation for PET, SPECT, MRI and CT Brain Studies**

*Uwe Pietrzyk, Karl Herholz, Gereon Fink, Andreas Jacobs, Rüdiger Mielke, Ina Slansky, Michael Würker and Wolf-Dieter Heiss*

**2019 Quantitative Mapping of Regional Cerebral Blood Flow Using Iodine-123-IMP and SPECT**

*Hidehiro Iida, Hiroshi Itoh, Mayumi Nakazawa, Jun Hatazawa, Hiromi Nishimura, Yoshihiro Onishi and Kazuo Uemura*

**FIRST IMPRESSIONS**

Three-dimensional image of the kidney with shell-shaped islets of remnants of functioning renal parenchyma. For acquisition information, turn to page 1950.



**2031 Quantification of the Extent and Severity of Perfusion Defects in Canine Myocardium by PET Polar Mapping**

*Karl T. Sun, Marc De Groof, Jeonghee Yi, Herbert W. Hansen, Kewei Chen, Johannes Czernin, Michael E. Phelps and Heinrich R. Schelbert*

**2041 Automated Interpretation of Planar Thallium-201-Dipyridamole Stress-Redistribution Scintigrams Using Artificial Neural Networks**

*Gerold Porenta, Georg Dorffner, Stephan Kundrat, Paolo Petta, Johanna Duit-Schedlmayer and Heinz Sochor*

**2048 Editorial: Artificial Neural Networks: Better Than the Real Thing?**

*Alan B. Ashare and Dev P. Chakraborty*

**1994 REVIEWERS**

**2050 In Appreciation of JNM's Reviewers**

**DEPARTMENTS**

**2053 Letters to the Editor**

**2058 Book Reviews**

**NCRP Report No. 116, Limitation of Exposure to Ionizing Radiation**  
*Reviewed by A.B. Brill*

**Monoclonal Antibodies in Cardiovascular Diseases**  
*Reviewed by Raymond Taillefer*

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