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## INDUSTRY NEWS

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## INDUSTRY NEWS

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Leukemia & lymphoma, 2011, (Epub)

#### SKIN

**The diagnostic value of adding dynamic scintigraphy to standard delayed planar imaging for sentinel node identification in melanoma patients.**

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#### THYROID

**Comparison of <sup>131</sup>I whole-body imaging, <sup>131</sup>I SPECT/CT, and <sup>18</sup>F-FDG PET/CT in the detection of metastatic thyroid cancer.**

European journal of nuclear medicine and molecular imaging, 2011, 38 (8): 1459-68

**Fluorodeoxyglucose Positron Emission Tomography in Primary Thyroid Lymphoma with Coexisting Lymphocytic Thyroiditis.**

Thyroid: official journal of the American Thyroid Association, 2011, (Epub)

**The clinical significance and management of incidental focal FDG uptake in the thyroid gland on positron emission tomography/computed tomography (PET/CT) in patients with non-thyroidal malignancy.**

Acta radiologica (Stockholm, Sweden: 1987), 2011, (Epub)

**Relationship between serum thyroglobulin and (18) FDG-PET/CT in (131) I-negative differentiated thyroid carcinomas.**

Head & neck, 2011, (Epub)

**Evaluation of efficacy and clinical impact of (18)F-FDG-PET in the diagnosis of recurrent medullary thyroid cancer with increased calcitonin and negative imaging test.**

Revista espanola de medicina nuclear, 2011, (Epub)

#### GENERAL TOPICS

**Kit for preparation of multimeric receptor-specific <sup>99m</sup>Tc-radiopharmaceuticals based on gold nanoparticles.**

Nuclear medicine communications, 2011, (Epub)

**Development and application of a multimodal contrast agent for SPECT/CT hybrid imaging.**

Bioconjugate chemistry, 2011, (Epub)

**Using the NEMA NU 4 PET Image Quality Phantom in Multipinhole Small-Animal SPECT.**

Journal of nuclear medicine: official publication, Society of Nuclear Medicine, 2011, (Epub)

**Improving the quantitation accuracy in noninvasive small animal single photon emission computed tomography imaging.**

Nuclear medicine and biology, 2011, 38 (6): 843-8

**Theranostics: Combining Imaging and Therapy.**

Bioconjugate chemistry, 2011, (Epub)

**SPECT detectors: the Anger Camera and beyond.**

Physics in medicine and biology, 2011, 56 (17): R145-82

**Multimodality molecular imaging of disease progression in living subjects.**

Journal of biosciences, 2011, 36 (3): 499-504

**The accuracy of absorbed dose estimates in tumours determined by Quantitative SPECT: A Monte Carlo study.**

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**Calibration of gamma camera systems for a multicentre European <sup>123</sup>I-FP-CIT SPECT normal database.**

European journal of nuclear medicine and molecular imaging, 2011, 38 (8): 1529-40

**Blood clearance kinetics, biodistribution, and radiation dosimetry of a kit-formulated integrin  $\alpha v\beta 3$ -selective radiotracer <sup>99m</sup>Tc-3PRGD 2 in non-human primates.**

Molecular imaging and biology: MIB: the official publication of the Academy of Molecular Imaging, 2011, 13 (4): 730-6

**Comprehensive Approach to Coregistration of Autoradiography and Microscopy Images Acquired from a Set of Sequential Tissue Sections.**

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European journal of nuclear medicine and molecular imaging, 2011, (Epub)

**Effects of Image Characteristics on Performance of Tumor Delineation Methods: A Test-Retest Assessment.**

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**Dual-time-point (18) F-FDG-PET/CT imaging in the assessment of suspected malignancy.**

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**Importance of Quantification for the Analysis of PET Data in Oncology: Review of Current Methods and Trends for the Future.**

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**Spatiotemporal analysis of tumor uptake patterns in dynamic (18)FDG-PET and dynamic contrast enhanced CT.**

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**Synthesis and biological evaluation of novel F-18 labeled pyrazolo[1,5-a]pyrimidine derivatives: Potential PET imaging agents for tumor detection.**

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European journal of nuclear medicine and molecular imaging, 2011, (Epub)

**Reduction of artefacts caused by hip implants in CT-based attenuation-corrected PET images using 2-D interpolation of a virtual sinogram on an irregular grid.**

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**First ex vivo study demonstrating that (99m)Tc-NTP 15-5 radiotracer binds to human articular cartilage.**

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**Prognostic Value of 18F-FDG PET in Monosegmental Stenosis and Myelopathy of the Cervical Spinal Cord.**

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**18F-FDG PET response to neoadjuvant chemotherapy for Ewing sarcoma and osteosarcoma are different.**

Skeletal radiology, 2011, 40 (8): 1007-15

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Nuclear medicine communications, 2011, 32 (8): 716-23

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The quarterly journal of nuclear medicine and molecular imaging: official publication of the Italian Association of Nuclear Medicine (AIMN) [and] the International Association of Radiopharmacology (IAR), [and] Section of the Society of Radiopharmaceutical Chemistry and Biology, 2011, 55 (4):

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**Positron Emission Tomography in the diagnosis and treatment management of Tuberculosis.**

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**(<sup>18</sup>F)-FDG positron emission tomography: potential utility in the assessment of Crohn's disease.**

Abdominal imaging, 2011, (Epub)

**Usefulness of whole-body fluorine-18-fluorodeoxyglucose positron emission tomography in patients with large-vessel: a systematic review.**

Clinical rheumatology, 2011, (Epub)

**Role of <sup>99m</sup>Tc-ubiquicidin 29-41 scintigraphy to monitor antibiotic therapy in patients with orthopedic infection: a preliminary study.**

Nuclear medicine communications, 2011, 32 (8): 745-51

## THERAPY LITERATURE

## METABOLIC THERAPY

**Image-guided tumor-selective radioiodine therapy of liver cancer following systemic nonviral delivery of the sodium iodide symporter gene.**

Human gene therapy, 2011, (Epub)

**Repeated cycles of peptide receptor radionuclide therapy (PRRT) - Results and side-effects of the radioisotope (<sup>90</sup>Y)-DOTA TATE, (<sup>177</sup>Lu)-DOTA TATE or (<sup>90</sup>Y)/(<sup>177</sup>Lu)-DOTA TATE therapy in patients with disseminated NET.**

Radiotherapy and oncology: journal of the European Society for Therapeutic Radiology and Oncology, 2011, (Epub)

**Chemoradionuclide Therapy with (<sup>186</sup>Re)-Labeled Liposomal Doxorubicin: Toxicity, Dosimetry, and Therapeutic Response.**

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**Radioembolization for hepatocellular carcinoma.**

Journal of hepatology, 2011, (Epub)

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**In vitro comparison of the antiproliferative effects of rhenium-186 and rhenium-188 on human aortic endothelial cells.**

Cardiovascular and interventional radiology, 2011, 34 (4): 816-23

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Journal of thyroid research, 2012, 2012 (Epub) 670180

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Radiation and environmental biophysics, 2011, (Epub)

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Clinical endocrinology, 2011, (Epub)

**Efficacy of Dosimetric Versus Empiric Prescribed Activity of <sup>131</sup>I for Therapy of Differentiated Thyroid Cancer.**

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Clinical endocrinology, 2011, (Epub)

**Radioactivity of blood samples taken from thyroidectomized thyroid carcinoma patients after therapy with (<sup>131</sup>)I.**

Thyroid: official journal of the American Thyroid Association, 2011, 21 (9): 1009-12

**Treatment and follow-up of low-risk patients with thyroid cancer.**

Nature reviews. Endocrinology, 2011, (Epub)

**Radioiodine for remnant ablation and therapy of metastatic disease.**

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**Pediatric differentiated thyroid cancer: can the prescribed activity of I-131 be increased?**

The Journal of clinical endocrinology and metabolism, 2011, 96 (8): 2401-3

**Management of Papillary Thyroid Cancer Patients in Absence of Postoperative Radioiodine Remnant Ablation: Tailoring Follow-Up by Neck Sonography.**

The Journal of clinical endocrinology and metabolism, 2011, (Epub)

**<sup>131</sup>I activity in urine to the sewer system due to thyroidal treatments.**

Health physics, 2011, 101 Suppl 2 (Epub) S110-5

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Nuclear medicine and biology, 2011, 38 (6): 917-24

**Pretargeted radioimmunotherapy of colorectal cancer metastases: models and pharmacokinetics predict influence of the physical and radiochemical properties of the radionuclide.**

European journal of nuclear medicine and molecular imaging, 2011, (Epub)

**Preparation and biological evaluation of (<sup>177</sup>)Lu conjugated PR81 for radioimmunotherapy of breast cancer.**

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**Radioimmunotherapy confers long-term survival to lymphoma patients with acceptable toxicity: registry analysis by the international radioimmunotherapy network.**

Journal of nuclear medicine: official publication, Society of Nuclear Medicine, 2011, 52 (9): 1354-60

**Diagnosis and treatment of follicular lymphoma.**

Swiss medical weekly, 2011, 141 (Epub) w13247

**A Phase I study evaluating Ibritumomab Tiuxetan (Zevalin®) in combination with Bortezomib (Velcade®) in relapsed/refractory mantle cell and low grade B cell Non Hodgkin Lymphoma.**

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**Journal of nuclear medicine: official publication, Society of Nuclear Medicine, 2011, 52 (9): 1465-73**

#### OTHERS

**Utility of Quantitative Tc-MAA SPECT/CT for yttrium-Labelled Microsphere Treatment Planning: Calculating Vascularized Hepatic Volume and Dosimetric Approach.**

**International journal of molecular imaging, 2011, 2011 (Epub) 398051**

**[Radiotherapy of lung cancer: Any room left for elective mediastinal irradiation in 2011?]**

**Cancer radiotherapie: journal de la Societe francaise de radiotherapie oncologique, 2011, (Epub)**

**Selective intraarterial radionuclide therapy with Yttrium-90 (Y-90) microspheres for unresectable primary and metastatic liver tumors.**

**World journal of surgical oncology, 2011, 9 (1): 86**

**Radioembolization of Symptomatic, Unresectable Neuroendocrine Hepatic Metastases Using Yttrium-90 Microspheres.**

**Cardiovascular and interventional radiology, 2011, (Epub)**

**ACR-ASTRO practice guideline for the performance of therapy with unsealed radiopharmaceutical Sources.**

**Clinical nuclear medicine, 2011, 36 (8): e72-80**

**SNM LLSAP Module: New Radiopharmaceuticals for Oncological Imaging**

**SNM Maintenance of Certification Program**

**SNM Enhances Education Program for 2011 Annual Meeting**

**March 25, 2011 snm.org**

**SNM Webinar: the science of FLT**

**April 8 2011, Anthony Shields, MD, PhD, Karmanos Cancer Institute**

**New Molecular Imaging Scientist Curriculum Posted for Review by SNM**

**4/25/11 snm.org**

**SNM 2011 Meeting: Nuclear Medicine Board Review**

**June 4-5, 2011 San Antonio, TX**

**New Molecular Imaging Scientist Curriculum Posted for Review by SNM**

**4/25/11 snm.org**

**PET Review and Mock Exam – 9/30-10/2 - St. Louis, MO**

**SNM Multimodality Molecular Imaging of Prostate Cancer, January 21, 2011 – Symposium Replay Available**

**August 7, 2011 snm.org**

**IBA 'Make a Difference' Educational Learning Series**

**"PET/CT for Breast Cancer"**

**October 5, 2011 3:00 PM, EDT**

**IBA 'Make a Difference' Educational Learning Series**

**"PET/CT for Radiation Therapy Treatment Planning"**

**November 16, 2011 3:00 PM, EDT**

**Evidence-Based Imaging Improving Quality Imaging in Patient Care, Revised Edition**

Medina, L. Santiago; Blackmore, C. Craig; Applegate, Kimberly (Eds.) 1st Edition., 2011, Springer, 581 p

**Neuroimaging in Dementia**

Barkhof, F, Fox, N.C., Bastos-Leite, A.J., Scheltens, P. 1st Edition., 2011, Springer 265 p.

**2011 Nuclear Medicine & PET Coder, MedLearn Publishing****Nuclear Medicine and PET/CT, 7th Edition**

P. Christian, K. Waterstram-Rich; 02-2011; Mosby Publishing

**Evidence-Based Imaging Improving Quality Imaging in Patient Care**

Medina, L. Santiago; Blackmore, C. Craig; Applegate, Kimberly, 1st Edition., 2011, 581 p.

**Practical Mathematics in Nuclear Medicine Technology 2nd Edition**

Patricia Wells, MAE, CNMT; SNM Publications

**Nuclear Cardiac Imaging: Terminology and Technical Aspects, 2nd Edition**

Elpida S. Crawford, MS, CNMT and Syed Sajid Husain, M.D., MS, MAS; SNM Publications

**Positron Emission Tomography**

Methods in Molecular Biology™; Springer Publishing

Volume 727, 2011, DOI: Malik E. Juweid and Otto S. Hoekstra

**Nuclear Medicine and PET/CT: Technology and Techniques**

Paul E. Christian and Kristen M. Waterstram-Rich - 7 avril 2011 Elsevier

**A Patient's Guide to Medical Imaging**

Ronald Eisenberg JD MD FACR and Alexander Margulis MD- 10 mars 2011 Oxford University Press

**Steves' Review of Nuclear Medicine Technology: Preparation for Certification Examinations, 4th Edition**

Norman E. Bolus, MPH, CNMT, and Amy Byrd Brady, BS, CNMT; 2011, SNM Publications

**A Concise Guide to Nuclear Medicine**

Elgazzar, Abdelhamid H., 1st Edition., 2011, 150 p. 126 illus., 24 in color.

**Head & Neck Imaging**

Som, Peter M. and Curtin, Hugh; 2011; 3080 pps., Mosby Publishing

**Radiation Therapy Planning with PET, An Issue of PET Clinics**

Beriwal, Sushil; 2011; Saunders Publishing

**Radiopharmaceuticals in Nuclear Pharmacy and Nuclear Medicine, 3rd. Ed.**

Richard J. Kowalsky and Steven W. Falen, 2011 American Pharmacists Association

**Steves' Review of Nuclear Medicine Technology: Preparation for Certification Examinations**

Norman E. Bolus, MPH, CNMT; Amy Byrd Brady, BS, CNMT; 4th Edition 2011, SNM Publications

**Principles and Applications of Radiological Physics, 6th Edition**

Donald Graham, MEd, et.al.; Churchill Livingstone, ISBN: 978-0-7020-4309-3; 2011

**Basic Sciences of Nuclear Medicine**

Khalil, Magdy M. Springer ISBN 978-3-540-85961-1

**PET Imaging of Thoracic Disease, An Issue of PET Clinics**

Drew A. Torigian, MD, MA, et.al., Saunders, ISBN: 978-1-4557-1049-2; 2011

## OCTOBER 2011

- 10/3-5 **International Cancer Imaging Society Meeting & 11th Annual Teaching Course – Copenhagen, Denmark**
- 10/1 **SNM Southwestern Chapter 2011 Fall Technologist Educational Meeting – Dallas, TX**
- 10/2-6 **ASTRO 53rd Annual Meeting – Miami, FL**
- 10/5-7 **22 ème Congrès de la Société Française de Radiothérapie Oncologique – Paris France  
SFRO - Societe Francaise de Radiothérapie Oncologique**
- 10/5-9 **EANM - European Association of Nuclear Medicine 2011 – Birmingham, UK  
European Association of Nuclear Medicine**
- 10/14 **SNM Missouri Valley Chapter Fall Meeting – Lake Ozark, MO**
- 10/14-16 **American College of Radiology Annual Meeting – Washington, DC**
- 10/15-16 **Central Chapter - SNM Fall Educational Conference – Traverse City, MI**
- 10/16-19 **RBMA Fall Educational Meeting – Las Vegas, NV**
- 10/21-22 **9th Annual Practical PET Imaging 2011: A Focus on PET and PET-CT – Las Vegas, NV  
Sponsored by Educational Symposia**
- 10/22 **Mid-Eastern Chapter 41st Fall Meeting – Annapolis, MD**
- 10/23-29 **2011 IEEE Nuclear Science Symposium and Medical Imaging Conference – Valencia, Spain**
- 10/24-28 **University of California, San Francisco (UCSF) Radiology Highlights – San Francisco, CA**
- 10/25-27 **American Healthcare Radiology Administrators (AHRA) 2011 Fall Conference – Las Vegas, NV**
- 10/27-30 **36th Annual Western Regional Meeting – Seattle, WA**
- 10/27/30 **26th Annual Economics of Diagnostic Imaging 2011: National Symposium – Arlington, VA  
Sponsored by Educational Symposia**
- 10/28-30 **Northeast Regional Meeting, SNM – Newport, RI**
- 10/29 **Oncology Imaging and Personalised Medicine Congress – Brussels, Belgium  
IOS - Interventional Oncology Society**

## NOVEMBER 2011

- 11/08-11 **IPET -II-2011 - International Conference on Clinical PET and Molecular Nuclear Medicine) - Trends in Clinical PET and Radiopharmaceutical Development – Vienna, Austria**
- 11/18-19 **67e REUNION SCIENTIFIQUE DE L'ACOMEN:pédiatrie nucléaire – Agen, France**
- 11/12/-13 **Integrative Imaging Symposium – Sydney, Australia**
- 11/12-16 **American Heart Association Annual Meeting – Orlando, FL**
- 11/27-12/2 **Radiological Society of North America (RSNA) 2011 Annual Meeting – Chicago, IL**
- 11/28-12/2 **ICRT-2011 - 4th International Conference on Radiopharmaceutical Therapy - Ho Chi Minh, Vietnam**
- 11/12-16 **23nd EORTC-NCI-AACR symposium on “Molecular targets and Cancer Therapeutics” – SanFrancisco, USA**

SPIE Medical Imaging Conference (February 2010)

57th Annual Meeting of the Society of Nuclear Medicine

ACC 59th Annual meeting 2010

48ème Colloque de Médecine Nucléaire de Langue Française

ASCO Annual Meeting 2010

2010 Breast Cancer Symposium

RSNA 2010 - Scientific Assembly and Annual Meeting of the Radiological Society of North America: personalized medicine in pursuit of excellence

Hot Topics in Molecular Imaging - TOPIM 2010: Imaging Systems Biology (February 2010)

42 st Annual Oak Ridge Conference (April 2010)

5th European Molecular Imaging Meeting (May 2010)

ESC Congress 2010 (August 2010)

4 th Annual meeting on Molecular Markers in Cancer (October 2010)

ASCO: 2011 Genitourinary Cancers Symposium  
European College of Radiology 2011

American College of Cardiology 60th Annual Meeting – New Orleans, LA

American Association for Cancer Research 102nd Annual Meeting – Orlando, FL

American Roentgen Ray Society Meeting 2011

ESTRO 2011 (May 2011)

SNM 2011 (June 2011)

AUA Annual Meeting (May 2011)

ENDO 2011 (June 2011)

EMIM Meeting (June 2011)

AACC Meeting (July 2007)

ANZSNM Meeting (July 2011)

EANM 2011



**IMAGEM** is a platform grouping a set of tools for training, information and research. Imagem Libray is a unique supervised database, exclusively dedicated to Molecular Imaging. It centralizes in one single platform the key flow of information (scientific articles, news and events). This database is updated daily with the latest pieces from 2008 onwards.

Link to Imagem: <http://imagem.iba-molecular.com/>  
To access to the full functionalities of Imagem, you have to contact your IBA representative

This month, Focus on SNM meeting 2011 (San Antonio, 4-8 June)

IBA Molecular.

Society of Nuclear Medicine.

European Association Of Nuclear Medicine.

Sociedad Espanola de Medicina Nuclear.

Société Française de Médecine Nucléaire.

Société Belge de Médecine Nucléaire.

Nederlandse Vereniging voor Nucleaire geneeskunde.

Associa Italiana di Medicina Nucleare ed Imaging Moleculare.

British Nuclear Medicine Society.

Deutsche Gesellschaft für Nuklearmedizin e.V.



**Molecular Life**  
Informational portal on Molecular Imaging  
(Italy)



**Giving ideas a future event**  
Highlights of the event held in Saclay-Paris  
on September 2-3, 2010  
ID: [giaf@iba-group.com](mailto:giaf@iba-group.com) / Password: [giaf](http://www.giaf.com)

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