

NEWS & PRESS

LITERATURE

EVENTS

RESOURCES

MORE INFO

► INDUSTRY NEWS
► CLINICAL NEWS

► PET & SPECT REVIEW
► THERAPY REVIEW

► TRADE SHOWS
► SYMPOSIUMS

► MEETING ABSTRACTS
► BOOK REVIEWS

► LINKS
► CONTACTS

NOTE TO READERS: If you want to access to the whole Molecular Imaging Review, contact your local IBA Molecular representative. This monthly newsletter is a selection of press releases, scientific publications, meetings.

INDUSTRY NEWS

INDUSTRY NEWS

HOME

Osiris shutdown: Has the French government weighed the pros and cons?

October 7, 2014, JIM

Mallinckrodt warns of price hikes for Tc-99m

October 20, 2014, AuntMinnie

Mo-99 supply issues still shape nuclear medicine

October 6, 2014, AuntMinnie

USA: Niowave betting big on medical isotopes

October 7, 2014, Lansing State Journal

USA: MIFTI Inc. to use fusion technology for on-site production of Tc-99m

October 20, 2014, Orange County Register

Mediso launches PET/CT research scanner

October 21, 2014, AuntMinnie

CLINICAL NEWS

CLINICAL NEWS

Contrast-Enhanced FDG PET/CT for Staging of Pancreatic Cancer

October 6, 2014, 1006, diagnosticimaging.com

PET/MRI matches PET/CT with less radiation for children

October 7, AuntMinnie

New imaging technique lessens respiratory motion effects on PET image quality

October 14, 2014, AuntMinnie

Molecular imaging of stroke: A Review

October 16, 2014, molecularimaging.net/

Sentinel node technique with 99mTc-HSA avoids radical surgery, radiation exposure

October 24, 2014, AuntMinnie

NEUROLOGY

ALZHEIMER

Imaging cardiac amyloidosis: a pilot study using ¹⁸F-florbetapir positron emission tomography.

European journal of nuclear medicine and molecular imaging , 2014 , 41 (9): 1652-62

Clinical and Neuroimaging Characterization of Chinese Dementia Patients with PSEN1 and PSEN2 Mutations.

Dementia and geriatric cognitive disorders , 2014 , 39 (1-2): 32-40

Multiple Brain Markers are Linked to Age-Related Variation in Cognition.

Cerebral cortex (New York, N.Y. : 1991) , 2014 , (epub)

Radiolabeled bioactive benzoheterocycles for imaging β -amyloid plaques in Alzheimer's disease.

European journal of medicinal chemistry , 2014 , 87C (epub) 703-721

Hierarchical multivariate covariance analysis of metabolic connectivity.

Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism , 2014 , (epub)

APOE and BDNF polymorphisms moderate amyloid β -related cognitive decline in preclinical Alzheimer's disease.

Molecular psychiatry , 2014 , (epub)

Studying ventricular abnormalities in mild cognitive impairment with hyperbolic Ricci flow and tensor-based morphometry.

NeuroImage , 2014 , (epub)

Manifold regularized multitask feature learning for multimodality disease classification.

Human brain mapping , 2014 , (epub)

Clinical workout for the early detection of cognitive decline and dementia.

European journal of clinical nutrition , 2014 , (epub)

Regional amyloid burden and intrinsic connectivity networks in cognitively normal elderly subjects.

Brain : a journal of neurology , 2014 , (epub)

Differentiating the Frontal Presentation of Alzheimer's Disease with FDG-PET.

Journal of Alzheimer's disease : JAD , 2014 , (epub)

Theoretical Impact of Florbetapir (¹⁸F) Amyloid Imaging on Diagnosis of Alzheimer Dementia and Detection of Preclinical Cortical Amyloid.

Journal of neuropathology and experimental neurology , 2014 , 73 (10): 948-53

Imaging frontotemporal lobar degeneration.

Current neurology and neuroscience reports , 2014 , 14 (10): 489

A Postmortem Study to Compare Agonist and Antagonist 5-HT_{1A} Receptor-binding Sites in Alzheimer's Disease.

CNS neuroscience & therapeutics , 2014 , 20 (10): 930-4

Reduced glucose uptake and A β in brain regions with hyperintensities in connected white matter.

NeuroImage , 2014 , 100 (epub) 684-91

Amyloid-directed monoclonal antibodies for the treatment of Alzheimer's disease: the point of no return?

Expert opinion on biological therapy , 2014 , 14 (10): 1465-76

PET & SPECT LITERATURE

[HOME](#)

Autobiographical narratives relate to Alzheimer's disease biomarkers in older adults.
International psychogeriatrics / IPA , 2014 , 26 (10): 1737-46

The integrity of the cholinergic system determines memory performance in healthy elderly.
NeuroImage , 2014 , 100 (epub) 481-8

The Alzheimer structural connectome: changes in cortical network topology with increased amyloid plaque burden.
Radiology , 2014 , 273 (1): 175-84

Novel styrylbenzene derivatives for detecting amyloid deposits.
Clinica chimica acta; international journal of clinical chemistry , 2014 , 436 (epub) 27-34

Towards a therapeutic window of D2/3 occupancy for treatment of psychosis in Alzheimer's disease, with [(18) F]fallypride positron emission tomography.
International journal of geriatric psychiatry , 2014 , 29 (10): 1001-9

Peripheral Inflammation Acutely Impairs Human Spatial Memory via Actions on Medial Temporal Lobe Glucose Metabolism.
Biological psychiatry , 2014 , 76 (7): 585-93

Dorsomedial prefrontal metabolism and unawareness of current characteristics of personality traits in Alzheimer's disease.
Social cognitive and affective neuroscience , 2014 , 9 (10): 1458-63

Cortical hypermetabolism in MCI subjects: a compensatory mechanism?
European journal of nuclear medicine and molecular imaging , 2014 , (epub)

(11)C-ORM-13070, a novel PET ligand for brain α 2C-adrenoceptors: radiometabolism, plasma pharmacokinetics, whole-body distribution and radiation dosimetry in healthy men.

European journal of nuclear medicine and molecular imaging , 2014 , 41 (10): 1947-56

PARKINSON

Segmentation-Based MR Attenuation Correction Including Bones Also Affects Quantitation in Brain Studies: An Initial Result of 18F-FP-CIT PET/MR for Patients with Parkinsonism.
Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , 55 (10): 1617-22

OTHERS

Brain 18F-FDG-PET characteristics in patients with paraneoplastic neurological syndrome and its correlation with clinical and MRI findings.
Nuclear medicine communications , 2014 , 35 (10): 1038-46

CARDIOLOGY

Feasibility and operator variability of myocardial blood flow and reserve measurements with (99m)Tc-sestamibi quantitative dynamic SPECT/CT imaging.
Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , (epub)

Is computed tomography attenuation correction more efficient than gated single photon emission computed tomography analysis in improving the diagnostic performance of myocardial perfusion imaging in patients with low prevalence of ischemic heart disease?
Nuclear medicine communications , 2014 , (epub)

The importance of a correct positioning of the heart using IQ-SPECT system with multifocal

PET & SPECT LITERATURE

[HOME](#)

collimators in myocardial perfusion imaging: A phantom study.

Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , (epub)

Impact of SPECT myocardial perfusion imaging on cardiac care.

Expert review of cardiovascular therapy , 2014 , (epub) 1-3

Prone-position acquisition of myocardial (123)I-metaiodobenzylguanidine (MIBG) SPECT reveals regional uptake similar to that found using (11)C-hydroxyephedrine PET/CT.
Annals of nuclear medicine , 2014 , 28 (8): 761-9

Relationship of decreased accumulation of (99m)Tc-tetrofosmin on myocardial single-photon emission computed tomography images between QRS duration in dilated cardiomyopathy patient with left bundle branch block.

Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , 21 (5): 1023-8

The acute and chronic effects of different right ventricular site pacing on left ventricular mechanical synchrony as assessed by phase analysis of SPECT myocardial perfusion imaging.

Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , 21 (5): 958-66

I-123 mIBG and Tc-99m myocardial SPECT imaging to predict inducibility of ventricular arrhythmia on electrophysiology testing: A retrospective analysis.

Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , 21 (5): 913-20

Metabolic effects of pulmonary obstruction on myocardial functioning: a pilot study using multiple time-point 18F-FDG-PET imaging.
Nuclear medicine communications , 2014 ,

(epub)

Quantitative interpretation of FDG PET/CT with myocardial perfusion imaging increases diagnostic information in the evaluation of cardiac sarcoidosis.

Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology , 2014 , 21 (5): 925-39

Cardiac (99m)Tc sestamibi SPECT and (18)F FDG PET as viability markers in takotsubo cardiomyopathy.

The international journal of cardiovascular imaging , 2014 , 30 (7): 1407-16

Serial dual single-photon emission computed tomography of thallium-201 and iodine-123 beta-methyliodophenyl pentadecanoic acid scintigraphy can predict functional recovery of patients with coronary artery disease after coronary artery bypass graft surgery.

Nuclear medicine communications , 2014 , (epub)

ONCOLOGY

BLOOD

Prognostic superiority of the National Comprehensive Cancer Network International Prognostic Index over pretreatment whole-body volumetric-metabolic FDG-PET/CT metrics in diffuse large B-cell lymphoma.

European journal of haematology , 2014 , (epub)

BONE

The Alteration of 18F-FDG Uptake in Bone Marrow After Treatment With Interleukin 11.
Clinical nuclear medicine , 2014 , 39 (10): 934-5

BRAIN

Can Multiparametric MRI and FDG-PET Predict Outcome in Diffuse Brainstem Glioma? A Report from a Prospective Phase-II Study.
Pediatric neurosurgery , 2014 , (epub)

Validity of 18F-fluorodeoxyglucose Positron Emission Tomography/Computed Tomography for Pretreatment Evaluation of Patients With Cervical Carcinoma: A Retrospective Pathology-Matched Study.

International journal of gynecological cancer : official journal of the International Gynecological Cancer Society , 2014 , (epub)

Clinical significance of tryptophan metabolism in the nontumoral hemisphere in patients with malignant glioma.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , 55 (10): 1605-10

Correlation between (18)F-fluoromisonidazole PET and expression of HIF-1a and VEGF in newly diagnosed and recurrent malignant gliomas.

European journal of nuclear medicine and molecular imaging , 2014 , 41 (10): 1870-8

BREAST

Single photon emission computed tomography (SPECT) and SPECT/low-dose computerized tomography did not increase sensitivity or specificity compared to planar bone scintigraphy for detection of bone metastases in advanced breast cancer.

Clinical physiology and functional imaging , 2014 , (epub)

Correlation of the value of 18F-FDG uptake, described by SUVmax, SUVavg, metabolic tumour volume and total lesion glycolysis, to clinicopathological prognostic factors and biological subtypes in breast cancer.

Nuclear medicine communications , 2014 , (epub)

Tumour 18 F-FDG Uptake on preoperative PET/CT may predict axillary lymph node metastasis in ER-positive/HER2-negative and HER2-positive breast cancer subtypes.
European radiology , 2014 , (epub)

Stable metabolic disease on FDG-PET provides information on response to endocrine therapy for breast cancer.

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... , 2014 , (epub)

Simultaneous whole-body (18)F-FDG PET-MRI in primary staging of breast cancer: A pilot study.

European journal of radiology , 2014 , (epub)

Role of FDG-PET/CT in Prediction of Underestimation of Invasive Breast Cancer in Cases of Ductal Carcinoma In Situ Diagnosed at Needle Biopsy.

Clinical breast cancer , 2014 , 14 (5): 358-64

Positron emission tomography place (PET) for therapeutic assessment and monitoring of breast cancer

Medecine nucleaire, Volume 38, Issue 5, October 2014, Pages 293-298

Breast cancer: A multidisciplinary support about three clinical cases

Medecine nucleaire Volume 38, Issue 5, October 2014, Pages 375-379

ENDOCRINOLOGY

Is (18)F-FDG PET useful in predicting the WHO grade of malignancy in thymic epithelial tumors? A meta-analysis.

Lung cancer (Amsterdam, Netherlands) , 2014 , 86 (1): 5-13

Potential performance of dual-time-point 18F-FDG PET/CT compared with single-time-point imaging for differential diagnosis of metastatic lymph nodes: a meta-analysis.

Nuclear medicine communications , 2014 , 35 (10): 1003-10

GASTROENTEROLOGY

Diagnostic accuracy and impact on management of (18)F-FDG PET and PET/CT in colorectal liver metastasis: a meta-analysis and systematic review.

European journal of nuclear medicine and molecular imaging , 2014 , (epub)

Can Complementary 68Ga-DOTATATE and 18F-FDG PET/CT Establish the Missing Link Between Histopathology and Therapeutic Approach in Gastroenteropancreatic Neuroendocrine Tumors?

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

The Role of Combined Ga-DOTATOC and (18)F-FDG PET/CT in the Management of Patients with Pancreatic Neuroendocrine Tumors.

Neuroendocrinology , 2014 , (epub)

High Prognostic Value of 18F-FDG PET for Metastatic Gastroenteropancreatic Neuroendocrine Tumors: A Long-Term Evaluation.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

Human cytomegalovirus and Epstein-Barr virus infection impact on (18)F-FDG PET/CT SUVmax, CT volumetric and KRAS-based parameters of patients with locally advanced rectal cancer treated with neoadjuvant therapy.

European journal of nuclear medicine and molecular imaging , 2014 , (epub)

Prediction of microvascular invasion of hepa-

tocellular carcinoma using gadoxetic acid-enhanced MR and (18)F-FDG PET/CT.

Abdominal imaging , 2014 , (epub)

Prognostic Value of FDG PET Metabolic Tumor Volume in Human Papillomavirus-Positive Stage III and IV Oropharyngeal Squamous Cell Carcinoma.

AJR. American journal of roentgenology , 2014 , 203 (4): 897-903

Early prediction of response by (18)F-FDG PET/CT during preoperative therapy in locally advanced rectal cancer: A systematic review.

European journal of surgical oncology : the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology , 2014 , 40 (10): 1186-1194

Rifaximin suppresses background intestinal 18F-FDG uptake on PET/CT scans.

Nuclear medicine communications , 2014 , 35 (10): 1026-31

Interrogation of multidrug resistance (MDR1) P-glycoprotein (ABCB1) expression in human pancreatic carcinoma cells: correlation of 99mTc-Sestamibi uptake with western blot analysis.

Nuclear medicine communications , 2014 , 35 (10): 1067-70

Dual-phase 18F-FDG PET/CT imaging in the characterization of pancreatic lesions: does it offer prognostic information?

Nuclear medicine communications , 2014 , 35 (10): 1018-25

Role of FDG PET/CT in tumours of the small intestine

Medecine nucleaire Volume 38, Issue 5, October 2014, Pages 369–374

GYNECOLOGY

Primary Testicular Serous Papillary Carcinoma With Extensive Calcification on CT and

PET & SPECT LITERATURE

[HOME](#)

FDG PET/CT.

Clinical nuclear medicine , 2014 , 39 (10): 894-7

Detection of a metastatic lesion and tiny yolk sac tumors in two teenage patients by FDG-PET: report of two cases.

Surgery today , 2014 , 44 (10): 1962-5

HEAD & NECK

Staging and evaluation of neoadjuvant chemotherapy response with (18)F-FDG PET/CT in NUT-midline carcinoma in a child: A case report and review of the literature.

Revista espanola de medicina nuclear e imagen molecular , 2014 , (epub)

First Clinical Results of (d)-18F-Fluoromethyltyrosine (BAY 86-9596) PET/CT in Patients with Non-Small Cell Lung Cancer and Head and Neck Squamous Cell Carcinoma.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

LUNG

In-vivo quantification of hypoxic and metabolic status of NSCLC tumors using [18F]HX4 and [18F]FDG PET/CT imaging.

Clinical cancer research : an official journal of the American Association for Cancer Research , 2014 , (epub)

18F-FDG PET/CT rarely provides additional information other than primary tumor detection in patients with pulmonary carcinoid tumors.

Annals of thoracic medicine , 2014 , 9 (4): 227-31

Giant Pulmonary Chondroid Hamartoma: Imaging and Pathology Correlation of a Rare Tumor Demonstrated With Bone Scintigraphy and 18F-FDG PET/CT.

Clinical nuclear medicine , 2014 , (epub)

Accuracy of FDG-PET to diagnose lung cancer in areas with infectious lung disease: a meta-analysis.

JAMA , 2014 , 312 (12): 1227-36

Parametric Methods for Quantification of 18F-FAZA Kinetics in Non-Small Cell Lung Cancer Patients.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

First Clinical Results of (d)-18F-Fluoromethyltyrosine (BAY 86-9596) PET/CT in Patients with Non-Small Cell Lung Cancer and Head and Neck Squamous Cell Carcinoma.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

PET-CT derived Artificial Neural Network can predict mediastinal lymph nodes metastases in Non-Small Cell Lung Cancer patients. Preliminary report and scoring model.

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... , 2014 , (epub)

111In-Pentetreotide (OctreoScan) scintigraphy in the staging of small-cell lung cancer: its accuracy and prognostic significance. Nuclear medicine communications , 2014 , (epub)

Precautions, pitfalls and artifacts in thoracic PET/CT

Medecine nucleaire Volume 38, Issue 5, October 2014, Pages 325-341

PROSTATE

18F-FDG PET/CT Superscan in Prostate Cancer.

Clinical nuclear medicine , 2014 , 39 (10) : 912-4

Dual-phase ¹¹C-choline PET/computed tomography in the early evaluation of prostate cancer recurrence.

Nuclear medicine communications , 2014 , (epub)

SKIN

The impact of nodal tumour burden on lymphoscintigraphic imaging in patients with melanomas.

European journal of nuclear medicine and molecular imaging , 2014 , (epub)

THYROID

A comparison between ¹¹C-methionine PET/CT and MIBI SPECT/CT for localization of parathyroid adenomas/hyperplasia.

Nuclear medicine communications , 2014 , (epub)

INFLAMMATION

Long-term results confirmed that ¹⁸F-FDG-PET/CT was an excellent diagnostic modality for early detection of vascular grafts infection.

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... , 2014 , (epub)

Targeting of osteomyelitis with IgG and Fab' Monoclonal Antibodies Labeled with [^{99m}Tc]: kinetic evaluations.

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... , 2014 , (epub)

UROLOGY

Recurrent Ureteric Transitional Cell Carcinoma Presenting as an Isolated Brain Metastasis: Incidental Detection With ¹⁸F-FDG PET/CT.

Clinical nuclear medicine , 2014 , (epub)

Old tracer for a new purpose: potential role for ^{99m}Tc-2-Methoxyisobutylisonitrile (^{99m}Tc-MIBI) in renal transplant care.

Nuclear medicine communications , 2014 , 35 (10) : 1058-66

THERAPY LITERATURE

HOME

THERAPY / GENERAL

Therapeutic radionuclides in nuclear medicine: current and future prospects.

Journal of Zhejiang University. Science. B , 2014 , 15 (10): 845-63

The evidence base for the use of internal dosimetry in the clinical practice of molecular radiotherapy.

European journal of nuclear medicine and molecular imaging , 2014 , 41 (10): 1976-88

Image-guided interventional therapy for cancer with radiotherapeutic nanoparticles.

Advanced drug delivery reviews , 2014 , 76C (epub) 39-59

METABOLIC THERAPY

Assessment of recurrence rates in papillary thyroid microcarcinoma patients with and without histopathological risk factors after radioiodine ablation treatment.

Nuclear medicine communications , 2014 , (epub)

Radiofrequency Ablation for Autonomously Functioning Thyroid Nodules: A Multicenter Study.

Thyroid : official journal of the American Thyroid Association , 2014 , (epub)

What is the role of dosimetry in patients with advanced thyroid cancer?

Current opinion in oncology , 2014 , (epub)

Long-term, treatment-free survival in select patients with distant metastatic papillary thyroid cancer.

Endocrine connections , 2014 , (epub)

A Phase II trial of axitinib in patients with various histologic subtypes of advanced thyroid cancer: long-term outcomes and pharmacoki-

netic/pharmacodynamic analyses.

Cancer chemotherapy and pharmacology , 2014 , (epub)

US not bright but right method of thyroid volume estimation even in large and substernal extended goitres. Comparison of US and three methods of CT thyroid evaluation - prospective study.

Clinical endocrinology , 2014 , (epub)

From Hypocalcemia to Hypercalcemia - An Unusual Clinical Presentation of a Patient with Permanent Post-Surgical Hypoparathyroidism.

The Journal of clinical endocrinology and metabolism , 2014 , (epub) jc20143063

Prognostic value of microscopic lymph node involvement in patients with papillary thyroid cancer.

The Journal of clinical endocrinology and metabolism , 2014 , (epub) jc20141199

Prediction of the success of thyroid remnant ablation using preablative 99mTc pertechnetate scintigraphy and postablative dual 131I scintigraphy.

Nuclear medicine communications , 2014 , (epub)

Cytokine production in peripheral blood cells of patients with differentiated thyroid cancer: elevated Th2/Th9 cytokine production before and reduced Th2 cytokine production after radioactive iodine therapy.

Cancer immunology, immunotherapy : CII , 2014 , (epub)

Effectiveness of Combined (131)I-chTNT and Radiofrequency Ablation Therapy in Treating Advanced Hepatocellular Carcinoma.

Cell biochemistry and biophysics , 2014 , (epub)

Differentiated thyroid cancer in patients over 60years of age at presentation: A retrospective study of 438 patients.

Journal of geriatric oncology , 2014 , (epub)

Comparison of effective I-131 half-life between thyroid hormone withdrawal and recombinant human thyroid-stimulating hormone for thyroid cancer: A retrospective study.
Journal of medical imaging and radiation oncology , 2014 , (epub)

CLIP2 as radiation biomarker in papillary thyroid carcinoma.
Oncogene , 2014 , (epub)

Radiation exposure to comforters and carers during paediatric molecular radiotherapy.
Pediatric blood & cancer , 2014 , (epub)

Current controversies in the initial post-surgical radioiodine therapy for thyroid cancer.
Endocrine-related cancer , 2014 , (epub)

[Radionuclide therapy of endocrine-related cancer].
Der Radiologe , 2014 , 54 (10): 1007-15

Radioiodine Biogeochemistry and Prevalence in Groundwater.
Critical reviews in environmental science and technology , 2014 , 44 (20): 2287-2335

Novel Approaches in Anaplastic Thyroid Cancer Therapy.
The oncologist , 2014 , (epub)

Long term survival in DTC is worse after low-activity initial post-surgical I-131 therapy in both high and low risk patients.
The Journal of clinical endocrinology and metabolism , 2014 , (epub) jc20141631

Accuracy of PET and PET-CT in the detection of differentiated thyroid cancer recurrence with negative (131) I whole body scan results: A meta-analysis.
Head & neck , 2014 , (epub)

The Russian experience of autotransplantation of vitrified ovarian tissue to a cancer patient.

Gynecological endocrinology : the official journal of the International Society of Gynecological Endocrinology , 2014 , 30 Suppl 1 (epub) 30-1

Endocrine Pathology: SC08-1 GENETICS OF THYROID LESIONS UPDATED.
Pathology , 2014 , 46 Suppl 2 (epub) S12

Occupational exposure to 131I-a case study.
Health physics , 2014 , 107 (4): 351-5

How sensitive (second-generation) thyroglobulin measurement is changing paradigms for monitoring patients with differentiated thyroid cancer, in the absence or presence of thyroglobulin autoantibodies.
Current opinion in endocrinology, diabetes, and obesity , 2014 , 21 (5): 394-404

A review of the Fukushima nuclear reactor accident: radiation effects on the thyroid and strategies for prevention.
Current opinion in endocrinology, diabetes, and obesity , 2014 , 21 (5): 384-93

Spinal metastases due to thyroid carcinoma: an analysis of 202 patients
Thyroid : official journal of the American Thyroid Association , 2014 , 24 (10): 1488-500

Current treatment modalities for spinal metastases secondary to thyroid carcinoma.
Thyroid : official journal of the American Thyroid Association , 2014 , 24 (10): 1443-55

Analytical functions for beta and gamma absorbed fractions of iodine-131 in spherical and ellipsoidal volumes.
Annals of nuclear medicine , 2014 , 28 (8): 824-8

THERAPY LITERATURE

HOME

The large majority of 1520 patients with indeterminate thyroid nodule at cytology have a favorable outcome, and a clinical risk score has a high negative predictive value for a more cumbersome cancer disease.

The Journal of clinical endocrinology and metabolism , 2014 , 99 (10): 3700-7

Low expression of sodium iodide symporter expression in aggressive variants of papillary thyroid carcinoma.

International journal of clinical oncology , 2014 , 19 (5): 800-4

Management of metastatic pheochromocytoma and paraganglioma: use of Iodine-131-meta-iodobenzylguanidine (131I-MIBG) therapy in a tertiary referral centre.

QJM : monthly journal of the Association of Physicians , 2014 , (epub)

Estimation of patient attenuation factor for iodine-131 based on direct dose rate measurements from radioiodine therapy patients.

Nuclear medicine communications , 2014 , (epub)

RADIOIMMUNOTHERAPY

Phase II Study of (90)Y Ibritumomab tiuxetan (Zevalin) in patients with previously untreated marginal zone lymphoma.

Leukemia & lymphoma , 2014 , (epub) 1-16

(90) Y-ibritumomab tiuxetan radiotherapy as first-line therapy for early stage low-grade B-cell lymphomas, including bulky disease.

British journal of haematology , 2014 , 167 (2): 207-13

RADIOTHERAPY / OTHERS

Is Yttrium-90 Radioembolization a Viable Treatment Option for Unresectable, Chemore-

fractory Colorectal Cancer Liver Metastases? A Large Single-Center Experience of 302 Patients.

Annals of surgical oncology , 2014 , (epub)

Gastrectomy for the treatment of refractory gastric ulceration after radioembolization with (90)Y microspheres.

Clinical and molecular hepatology , 2014 , 20 (3): 300-5

Late results (>10 years) of intracoronary beta brachytherapy for diffuse in-stent restenosis.

Revista portuguesa de cardiologia : orgao oficial da Sociedade Portuguesa de Cardiologia = Portuguese journal of cardiology : an official journal of the Portuguese Society of Cardiology , 2014 , (epub)

Long-term tolerability of PRRT in 807 patients with neuroendocrine tumours: the value and limitations of clinical factors.

European journal of nuclear medicine and molecular imaging , 2014 , (epub)

Impact of prior hepatectomy on the safety and efficacy of radioembolization with yttrium-90 microspheres for patients with unresectable liver tumors.

American journal of clinical oncology , 2014 , 37 (5): 454-60

PRRT: Defining the Paradigm Shift to Achieve Standardization and Individualization.

Journal of nuclear medicine : official publication, Society of Nuclear Medicine , 2014 , (epub)

Old tracer for a new purpose: potential role for 99mTc-2-Methoxyisobutylisonitrile (99mTc-MIBI) in renal transplant care.

Nuclear medicine communications , 2014 , 35 (10): 1058-66

Imaging Acute Neurologic Disease: A Symptom-Based Approach

Massimo Filippi, San Raffaele Scientific Institute, Milan,
Jack H. Simon, Oregon Health Sciences University

PET/CT Imaging in Tracers Beyond FDG, An Issue of PET Clinics, E-Book, Volume 9-3

Mohsen Beheshti, Elsevier Health Sciences, September 8, 2014, Kobo Edition (eBook)

Theranostics, Gallium-68, and Other Radionuclides: A Pathway to Personalized Diagnosis and Treatment (Recent Results in Cancer Research)

Richard P. Baum (Editor), Frank Rösch (Editor), Springer, September 19, 2014, 578 p.

Introduction to Diagnostic Radiology

Khaled Elsayes, Sandra Oldham, McGraw Hill, August 2014, 704p

Clinical Applications of SPECT-CT

Ahmadzadehfard, Hojjat, Biersack, Hans-Jürgen (Eds.), Springer, 2014, VIII, 304 p.

Patient Safety, A Case-Based Comprehensive Guide

Abha Agrawal, 2014, Springer

Methodology and Clinical Applications,

Carrio, Ignasi; Ros, Pablo (Eds.), 2014

Radiology for PET/CT Reporting

Nanni, Cristina, Fanti, Stefano, Zanoni, Lucia, 2014,

Pediatric Nuclear Medicine and Molecular Imaging

Treves, S.T. (Ed.), 4th ed. 2014, Springer

Biophysical Basis and Technical Approaches - Volume 1

Luna, A., Vilanova, J.C., Hygino Da Cruz Jr., L.C., Rossi,

S.E. (Eds.), 2014, Springer

Imaging of Urogenital Diseases, A Color Atlas

Olivetti, Lucio, Grazioli, Luigi (Eds.), 2009, Springer, 496p

Medical Imaging in Clinical Trials

Miller, Colin, Krasnow, Joel, Schwartz, Lawrence H. (Eds.), 2014, Springer, 420 p.

Decision Tools for Radiation Oncology, Prognosis, Treatment Response and Toxicity

Nieder, Carsten, Gaspar, Laurie E. (Eds.), 2014, Springer, 305 p.

Functional Imaging in Oncology, Clinical Applications - Volume 2

Luna, A., Vilanova, J.C., Hygino Da Cruz Jr., L.C., Rossi, S.E. (Eds.), 2014, Springer, 1478 p.

Multidisciplinary Management of Prostate Cancer, The Role of the Prostate Cancer Unit

Gentile, Vincenzo, Panebianco, Valeria, Sciarra, Alessandro (Eds.), 2014, Springer, 152 p

Nuclear Medicine, A Guide for Healthcare Professionals and Patients

Prakash, Dibya, 2014, Springer, 154 p

Planning and Managing Radiation Therapy in Cancer Patients

Mukherji, Ashutosh, 2014, Springer, XVI, 288 p. 85 illus.

Pediatric Nuclear Medicine and Molecular Imaging

Treves, S.T. (Ed.), 4th ed. 2014, Springer, XXIV, 712 p

Therapeutic Nuclear Medicine

Baum, Richard P. (Ed.) 2014, XVIII, 951 p. 600 illus., 300 illus. in color.

MEETING ABSTRACTS

HOME

EANM 2014

EN MÉDECINE NUCLÉAIRE , INTERFACE AVEC LES
AUTRES MODALITÉS D'IMAGERIE

ASCO 2014 : ANNUAL MEETING

ELCC 2014 4TH EUROPEAN LUNG CANCER CONFER-
ENCE

SNM 2014 61 TH ANNUAL MEETING OF THE SOCIETY OF
NUCLEAR MEDICINE

AACR 105 TH ANNUAL MEETING

AACC ANNUAL MEETING 2014 & CLINICAL LAB EXPO

52 ÈME COLLOQUE DE MEDECINE NUCLÉAIRE DE
LANGUE FRANCAISE (SFMN) : IMAGERIE QUANTITATIVE

11TH CONGRESS OF THE WORLD FEDERATION OF NU-
CLEAR MEDICINE & BIOLOGY

2014 EVENTS

HOME

11/05 -06 13th Annual General Meeting of ARCCNM -
Osaka, Japan

12/1 - 5 International Conference on Occupational
Radiation Protection: Enhancing the Protection of
Workers – Gaps, Challenges and Developments - Vien-
na, Austria

11/08 – 15 2014 IEEE Nuclear Science Symposium and
Medical Imaging Conference - Seattle, Washington,
USA

12/3 -6 World Cancer Congress 2014 - Melbourne,
Australia

11/14 - 16 EMUC 2014 : 6th European Multidisciplinary
Meeting on Urologicals Cancers - Lisbon, Portugal

01/25-29 HIVERNALES 2015 : QUOI DE
NEUF EN MÉDECINE NUCLÉAIRE CARDIOLOGIQUE,
NEUROLOGIQUE ET ONCOLOGIQUE ? - Chantemerle -
St Chaffrey, France

11/18 - 21 26th EORTC-NCI-AACR Symposium on
“Molecular Targets And Cancer Therapeutics” - Barce-
lona, Spain

01/26-30 10TH SMALL ANIMAL IMAGING
WORKSHOP - Tübingen, Germany

LINKS

HOME

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.

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