INDUSTRY NEWS

New Paper Reviews Alternative Technology to Boost Production of Mo-99
January 6, 2017, IAEA

US-Australian partnership will secure isotope supply
January 12, 2017, Health Imaging

Exportation vers la Jordanie du premier réacteur nucléaire 100% coréen
December 7, 2016, Google alert

Perma-Fix Medical Announces Preliminary Agreement with Acsion Industries
December 6, 2016, Google alert

Nordion and General Atomics welcome US National Nuclear Security Administration Phase II funding for new, reliable source of molybdenum-99
December 8, 2016, PRNewswire

SHINE awarded $20.9 million DOE/NNSA Phase II cooperative agreement funding
December 13, 2016, dotmed

NorthStar Medical Technologies Receives Follow-on Award from National Nuclear Security Administration
December 21, 2016, BusinessWire

CLINICAL NEWS

PET/CT remains best option for head, neck cancer
January 10, 2017, AuntMinnie

PET/CT shows how stress in the brain today manifests as cardiovascular problems tomorrow
January 16, 2017, Health Imaging

PET/MRI head scans reveal important incidental findings
December 8, 2016, AuntMinnie

FDG-PET/CT targets metastases in cervical, endometrial cancer
December 8, 2016, AuntMinnie

PET/MR beats PET/CT at imaging suspected occult tumors
December 8, 2016, Health Imaging

BIR adds second day to its SPECT/CT symposium
December 12, 2016, AuntMinnie

PiB-PET could open window on common meningiomas
December 12, 2016, AuntMinnie

3D-printed kidney phantom advances SPECT/CT calibration
December 13, 2016, AuntMinnie

Special diet helps PET diagnose cardiac sarcoidosis
December 21, 2016, AuntMinnie
### ALZHEIMER

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<th>Title</th>
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<td>Increased blood-brain barrier permeability is associated with dementia and diabetes but not amyloid pathology or APOE genotype.</td>
<td>Neurobiology of aging</td>
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<td>51( ): 104-112</td>
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<td>PETPVE12: an SPM toolbox for Partial Volume Effects correction in brain PET - Application to amyloid imaging with AV45-PET.</td>
<td>NeuroImage</td>
<td>2016</td>
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<td>Synergistic interaction between amyloid and tau predicts the progression to dementia.</td>
<td>Alzheimer’s &amp; dementia</td>
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<td>Use of T1-weighted/T2-weighted magnetic resonance ratio to elucidate changes due to amyloid β accumulation in cognitively normal subjects.</td>
<td>NeuroImage. Clinical</td>
<td>2017</td>
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- **PET & SPECT LITERATURE**

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**PET & SPECT LITERATURE**
In vivo Detection of Microstructural Correlates of Brain Pathology in Preclinical and Early Alzheimer Disease with Magnetic Resonance Imaging.  
*NeuroImage*, 2016, ( ):  
A multi-centre evaluation of eleven clinically feasible brain PET/MRI attenuation correction techniques using a large cohort of patients.  
*NeuroImage*, 2016, 147 ( ): 346-359

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Association of Brain Amyloid-β With Slow Gait in Elderly Individuals Without Dementia: Influence of Cognition and Apolipoprotein E e4 Genotype.  
*JAMA neurology*, 2017, 74 (1): 82-90

Amyloid deposition in younger adults is linked to episodic memory performance.  
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### Association of Higher Cortical Amyloid Burden With Loneliness in Cognitively Normal Older Adults.
*JAMA psychiatry*, 2016, 73 (12): 1230-1237

### The Role of Single-Subject Brain Metabolic Patterns in the Early Differential Diagnosis of Primary Progressive Aphasias and in Prediction of Progression to Dementia.

### Tau imaging with [(18)F]THK-5351 in progressive supranuclear palsy.

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PET & SPECT LITERATURE

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PET & SPECT LITERATURE

IBA MOLECULAR
BP 32 // 91192 GIF SUR YVETTE CEDEX // France // PH.: +33 (0) 1 69 85 70 17 FAX: +33 (0) 1 69 85 73 08
WWW.IBAMOLECULAR.EU
In vivo validation of gated myocardial SPECT imaging for quantification of small hearts: comparison with cardiac MRI.
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Incidental Findings of Intense Radioiodine Uptake in Struma Ovarii and Bilateral Nonlactating Breasts Simultaneously on Postablation (131)I SPECT/CT for Papillary Thyroid Cancer.

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BOOK REVIEW

Basic Science of PET Imaging
Khalil, Magdy M., Springer, 2017

Bone Metastases from Prostate Cancer, Biology, Diagnosis and Management

Quality in Nuclear Medicine

Conventional Nuclear Medicine in Pediatrics, A Clinical Case-Based Atlas
Garganese, Maria Carmen, D’Errico, Giovanni Francesco Livio, Springer, 2017

Imaging Anatomy: Chest, Abdomen, Pelvis, 2nd Edition
MEETING ABSTRACTS

TOPII 2016 - Les Houches, France
Spie Medical Imaging Conference 2016 - San Diego, California, USA
ESRR 16 - Salzburg, Austria
AACR Annual Meeting 2016 - New Orleans, Louisiana, USA
32TH INTERNATIONAL SYMPOSIUM RADIOACTIVE ISOTOPES IN CLINICAL MEDICINE AND RESEARCH - Salzburg, Austria
ICTR-PHE 2016 : INTERNATIONAL CONFERENCE ON TRANSLATIONAL RESEARCH IN RADIATION ONCOLOGY AND PHYSICS FOR HEALTH IN EUROPE - Geneva, Switzerland
EMIM 2016 - 11TH EUROPEAN MOLECULAR IMAGING MEETING - Utrecht, Netherlands
SNM 2016
AACC Annual Meeting 2016
EANM 2016 - Barcelona Spain

2017 EVENTS

01/22-26 HIVERNALES 2017 - Chantemerle - St Chaffrey, France

01/27 - 30 ECCO 2017 European Cancer Congress - Amsterdam, Netherlands

02/11 - 16 SPIE Medical Imaging Conference 2017 - Orlando, Florida, USA

03/08 - 10 The 14th Annual (ENETS) European Neuroendocrine Tumor Society Meeting - Barcelona, Spain

03/29 – 04/02 AD/PD 2017 13th International Conference on Alzheimer's and Parkinson's Diseases Advances - Vienna, Austria

03/31 – 04/04 BRAIN and PET 17 : The XXIXth International Symposium on Cerebral Blood Flow and Metabolism & The XIIIth International Conference on Quantification of Brain Function with PET - Berlin, Germany