



WORLD MARKET REPORT & DIRECTORY

RADIONUCLIDES, RADIOPHARMACEUTICALS,
MARKET PIPELINE AND R&D PORTFOLIO,
MARKET DATA, PRODUCT PRICING, COMPANIES PROFILES

EDITION 2016

Nuclear Medicine

Edition 2016

NUCLEAR MEDICINE WORLD MARKET REPORT AND DIRECTORY-2016

A 990-PAGE DOCUMENT THAT PROVIDES AN EXHAUSTIVE DESCRIPTION AND ANALYSIS OF OVER 370 RADIOPHARMACEUTICALS AND RADIONUCLIDES WITH A COMPREHENSIVE PROFILE OF MORE THAN 170 COMPANIES AND INSTITUTIONS ACTIVE IN THE RADIOPHARMACEUTICALS INDUSTRY.

This third edition will once again advice the radiopharmaceutical industry, investment organizations, international consulting firms, R&D laboratories to understand the market, the competitive environment, the technology development in this field as well as the potential of merger and acquisitions (M&A).

MEDraysintell considers 2016 to be the pivotal year for the nuclear medicine industry.

MEDraysintell estimated the global market for nuclear medicine (radiopharmaceuticals) at US\$ 4.3 billion in 2015, growing by just over 2% a year between 2013 and 2015. While it has been stable last year, this market is expected to climb to US\$ 25 billion by 2030. This slow growth shown in 2013-2015 is primarily driven by lower revenues from technetium-99m related products and an unfavorable impact from US\$ exchange rates versus major currencies. This slow progression is compensated by a robust increase of the radiotherapeutics which have grown by about 60% a year from 2013 to 2015. Without this exchange rate influence, MEDraysintell estimates that the nuclear medicine market would have reached over US\$ 4.7 billion in 2015, thereby exhibiting an annual growth of more than 7% for the period 2013-2015.

MEDraysintell considers the year 2016 to be the pivotal year in the development of the nuclear medicine industry, shifting from a market centered on radiodiagnostics to a business driven by radiotherapeutics, with a product like Xofigo (Bayer) showing a blockbuster profile and the upcoming launch of new radiotherapeutics with high revenue potential such as Lutathera (Advanced Accelerator Applications). Other radiotherapeutics will penetrate the market later in the decade also labeled with Lu-177. The year 2016 is also the turning point for the introduction of new proprietary fluorinated molecules and novel radiodiagnostics based on Ga-68. Innovative solutions and additional sources will also emerge to cover the need for molybdenum-99. Finally with an increasing interest from the conventional pharmaceutical industry and institutional investors, mergers and acquisitions activity will accelerate.

The world nuclear medicine market is fragmented, with 72 companies selling on regular basis radiopharmaceuticals. However, three companies are controlling almost half of the world market, whereas a large group 61 companies are sharing almost 16% of it. Nuclear medicine is not a recent science, but the past years saw the emergence of new radionuclides and over 35 companies are involved in research and development, but not vet selling radiopharmaceuticals.

Opportunities exist for larger groups or investors to finance such development, to merge with key partners and/or to acquire companies.



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Nuclear Medicine World Market Report

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- - A detail description of nine generators from Actinium 225 (²²⁵Ac) ²²⁵Ac/²¹³Bi generator to Zinc 62 (62Zn) – 62Zn/62Cu generator. Description includes physical properties, manufacturing route, source and availability, price, issues and comments.
 - This chapter also includes a complete section about the Molybdenum shortage issue.
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 - A comprehensive description of 96 radiopharmaceuticals available on the market, from ¹¹C-Choline (¹¹C-CH) to ²²³Ra-Radium Dichloride. Each radiopharmaceutical section includes a complete description with the chemical name, official name, owner, clinical applications, availability and price, competition and comments.
- Discontinued Radiopharmaceuticals
 - A succinct description including 22 discontinued major radiopharmaceuticals, and the explanation for their market withdrawal.

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 - A comprehensive profile of 100 private companies producing radiopharmaceuticals on a regular basis (PET, SPECT or radiotherapeutic products). Each profile includes a company description and key executives, financial data including revenue in nuclear medicine, radiopharmaceutical products marketed, projects in nuclear medicine and comments. The list goes from ACOM to Zevacor Pharma.
- **Public Institutions**
 - A comprehensive profile of 28 public institutions supplying radiopharmaceuticals on a regular basis. Each profile includes a company description, radiopharmaceutical products marketed, projects in nuclear medicine and comments.

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Glossary	
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To request a detailed table of contents of this report and to order, please send an e-mail with your contact details to: peg@medraysintell.com

Price: EUR 7,000

About MEDraysintell

Strategic intelligence for the radiation healthcare Bringing value to Businesses and Investors!

MEDraysintell is a team of international experts providing first-rate strategic intelligence in nuclear medicine, radiotherapy, proton therapy and brachytherapy.

We offer the most comprehensive set of reports and directories, with over 1,800 pages of unrivaled intelligence covering some of the most exciting healthcare technologies using radiation for diagnosis and treatment.

We offer client-specific intelligence in the field of radiation healthcare, with the upmost knowledge leveraging our extended network of worldwide contacts.

We are proud to support numerous companies globally, helping them better understand the markets, competitive environment as well as the potential of merger and acquisitions (M&A) and technology development. We have repeat satisfied clients operating in the field of medical radiation, investment banks and institutional investors, large international consulting firms and universities research laboratories.

MEDraysintell was created in 2013 by Paul-Emmanuel Goethals and Richard Zimmermann. It combines over 40 years of experience in radiation healthcare.

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