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Scientific Program

International Conference on

# Nuclear Medicine & Radiation Therapy

July 14-15, 2016 Cologne, Germany



**Conference Series LLC**

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## Day 1 July 14, 2016

08:00- 08:30 Registrations

## Paris

conferenceseries.com 08:30-09:00

# Opening Ceremony

## Keynote Forum

Introduction

09:00-09:30 **Title: Coqui-pharma solving the impending global shortage of molybdenum -99**
**Carmen I. Bigles,** Coqui Pharma, USA

09:30-10:00 **Title: 3D interventional nuclear medicine imaging and therapy monitoring**
**Joerg Traub,** Surgic Eye Gmbh, Germany

10:00-10:30 **Title: High intra-arterial drug exposure for advanced head and neck cancer patients**
**Karl Aigner,** Medias Klinikum GmbH & Co KG, Germany

Networking & Refreshment Break 10:30-10:45 @ Foyer

Panel Discussion

**Nuclear Medicine**
**Radiology & Medical Imaging**

**Session Chair: Hiroshi Kobayashi,** Chiba University, Japan

Session Introduction

10:45-11:05 **Title: Real-time molecular probe-directed intraprocedural biopsies**
**Carina Mari Aparici,** University Of California San Francisco, USA

11:05-11:25 **Title: Progression or pseudo-progression: A review of nuclear imaging of post-treatment glioblastoma**
**Sarah Abdulla,** Norfolk And Norwich University Hospital, UK

11:25-11:45 **Title: Gene expression and functions specific to acidic cancer nests**
**Hiroshi Kobayashi,** Chiba University, Japan

11:45-12:05 **Title: Biodistribution of PEG coated superparamagnetic iron oxide nanoparticles radiolabeled with 68Ga in normal mice**
**Saeed Shanehsazzadeh,** University of Mons, Belgium

12:05-12:25 **VP: Dual energy X-ray absorptiometry: Beyond bone mineral density**
**Karen Knapp,** University Of Exeter Medical School, UK

Group Photo

Lunch Break 12:25-12:55 @ Foyer (Sponsored by Coqui Pharma)

**Radiation Therapy**
**Radiation Oncology & Cancer**
**Interventional Radiology**

**Session Chair: France Carrier,** University Of Maryland, USA

12:55-13:15 **Title: Extracorporeal shock wave therapy: An emerging treatment modality for retracting scars of the hands**
**Raoul Saggini,** G. d'Annunzio University, Italy

13:15-13:35 **Title: Intraoperative radiation delivery concepts placed and monitored with handheld SPECT/US hybrid imaging techniques**
**Michael Friebe,** Otto-Von-Guericke-University, Germany

13:35-13:55 **Title: Chemopotenetiation by low-dose-fractionated radiation therapy**
**France Carrier,** University Of Maryland, USA

13:55-14:15 **Title: Ra-223 for the treatment of symptomatic osseous metastases in patients with metastatic castration resistant prostate cancer**
**Walter Noordzij,** University Of Groningen, The Netherlands

14:15-14:35 **Title: The practical value of technetium-99m-MIBI SPET to differentiate between ischemic and non-ischemic heart failure presenting with exertional dyspnea**
**Osman Beton,** Cumhuriyet University School Of Medicine, Turkey

14:35-14:55 **Title: Radionuclide shuntography for evaluation of V-P shunt in hydrocephalus**
**Jawa Zabah Muhammad,** National Hospital Abuja, Nigeria

14:55-15:15 **Title: Anemia in cancer patients undergoing radiotherapy and chemotherapy in National Hospital Abuja, Nigeria**
**Chinedu Simeon Aruah,** National Hospital Abuja, Nigeria

**Special Session (Part A) On "Laser Driven Proton Therapy"**

**15:15-15:35** **Title: Radiobiological characterization of laser driven particles**
**Elke Beyreuther,** Helmholtz-Zentrum Dresden – Rossendorf, Germany

**Networking & Refreshment Break 15:35-15:55 @ Foyer**

**Workshop On**
**"Intraoperative Cell Killing Radiation – New Approaches Using Nuclides, Photodynamic Therapy, Photons"**
**By Dr Michael Friebe**

**15:55-16:25** **Title: Minimal-invasive and image-guided radiation therapy products – How important is 'affordable' and 'intuitive' as value proposition?**
**Michael Friebe,** Otto-Von-Guericke-University, Germany

**16:25-16:55** **Title: Photodynamic therapy: An attractive but complex multivariable process**
**Alfredo Illanes,** Otto-Von-Guericke-University, Germany

**16:55-17:25** **Title: 3D interventional nuclear medicine imaging and therapy monitoring**
**Joerg Traub,** Surgic Eye Gmbh, Germany

**17:25-17:55** **Title: Radionuclide based intraoperative irradiation - Current and future approaches**
**Alexander Van Oepen,** Otto-Von-Guericke University, Germany

**Panel Discussion**

**Session Adjournment**

**Day 2 July 15, 2016**

**Paris**

## Keynote Forum

**09:00-09:30** **Title: The cancer solution: Cancer starvation therapy"-The end of cancer treatment failure**
**Pedro Serrano Ojeda,** Caribbean Radiation Oncology Centre, USA

**09:30-10:00** **Title: The impact of new hybrid imaging technology on the nuclear medicine workforce: Opportunities and challenges**
**Marc Griffiths,** University Of West England, UK

**10:00-10:30** **Title: Multimodality approach in the treatment of metastatic prostate cancer**
**Timo Joensuu,** Docrates Cancer Center, Finland

**Networking & Refreshment Break 10:30-10:45 @ Foyer**

**Radiation Therapy**
**Clinical Nuclear Medicine**
**Diagnostic Imaging**

**Session Chair: Mian M Alauddin,** University Of Texas MD Anderson Cancer Centre, USA

**Session Introduction**

**10:45-11:05** **Title: Synthesis of a [18F]-labeled ceritinib analogue for positron emission tomography of anaplastic lymphoma kinase, a receptor tyrosine kinase, in lung cancer**
**Mian M Alauddin,** University Of Texas MD Anderson Cancer Centre, USA

**11:05-11:25** **Title: Planning and monitoring brain tumor therapy by Positron Emission Tomography (PET)**
**Karl Herholz,** University Of Manchester, UK

**11:25-11:45** **Title: Pyrexia of unknown origin**
**Shrikant Solav,** Spect Lab Nuclear Medicine Services, India

**Panel Discussion**

**Therapeutic Nuclear Medicine**
**Patient Safety And Practice Management**
**Case Reports**

**Session Chair: Ken W D Ledingham,** University Of Strathclyde, UK
**Session Co-Chair: Nina Tuncel,** Akdeniz University, Turkey

**Session Introduction**

**11:45-12:05** **Title: The environmental dose measurements of high dose iodine-131 treated thyroid cancer patients during hospitalization period**
**Nina Tuncel,** Akdeniz University, Turkey

**12:05-12:25** **Title: The role of 18F-FDG-PET/CT in primary staging and restaging of breast cancer - The impact of findings on therapeutic management of patients**
**Bengul Gunalp,** Gulhane Military Medical Academy, Turkey

**Lunch Break 12:25-12:55 @ Foyer (Sponsored by Coqui Pharma)**

**12:55-13:15** **Title: Towards laser driven hadron cancer radiotherapy: What progress has been made?**
**Ken W D Ledingham,** University Of Strathclyde, UK

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|---|---|
| 13:15-13:35 | **Title: Occupational doses from ionizing radiation in nuclear medicine in Poland**<br>**Maciej Budzanowski,** Institute Of Nuclear Physics Polish Academy Of Sciences, Poland |
| 13:35-13:55 | **Title: A reduced dose of iodinated contrast medium can be used in CT pulmonary angiography without adversely affecting image quality**<br>**Abdulkarim Jamal,** George Eliot Hospital, UK |
| 13:55-14:15 | **Title: Initiation of nuclear pharmacy for pediatric oncology at developing countries**<br>**Mahmoud Elsherif,** Children's Cancer Hospital 57357, Egypt |
| 14:15-14:35 | **Title: Role of PET-CT in modern radiotherapy planning process of solid tumours**<br>**B Ravi Shankar,** Queen's NRI Hospital, India |
| 14:35-14:55 | **Title: Pneumocystis pneumonia mimicking lung metastasis in a HIV- positive patient with metastatic follicular thyroid cancer**<br>**Jawa Zabah Muhammad,** National Hospital Abuja, Nigeria |
| 14:55-15:15 | **Title: Analysis of 238U, 232Th and 222Rn in various fish samples and resulting radiation doses to the consumers**<br>**Abdennacer Aitayoub,** University of Cadi Ayyad, Morocco |
| | **Panel Discussion** |
| | **Networking & Refreshment Break 15:15-15:30 @ Foyer** |
| | **Special Session (Part B) On "Laser Driven Proton Therapy"** |
| 15:30-16:00 | **Title: Towards laser driven hadron cancer radiotherapy: What progress has been made?**<br>**Ken W D Ledingham,** University Of Strathclyde, UK |
| 16:00-16:30 | **Title: Laser driven ion acceleration towards medical applications: Current status of the A-SAIL project**<br>**Satyabrata Kar,** Queen's University Of Belfast, UK |
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| 16:30-17:00 | **VP: Nuclear medicine as a unique diagnostic medical imaging**<br>**Fakir Mohan Debta,** SCB Dental College, India |
| | **Poster Presentation 17:00-18:00** |
| | **Award Ceremony** |



## Bookmark your dates

2nd International Conference on

# Nuclear Medicine & Radiation Therapy

**July 27-28, 2017 Rome, Italy**


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