
TUESDAY, 24 NOVEMBER 2020

CONFERENCE INTRODUCTION

09:45 - 10:00 *Diana Paez*, Section Head, Nuclear Medicine and Diagnostic Imaging Section,
Division of Human Health, Department of Nuclear Sciences and Applications, IAEA

OPENING SESSION

10:00 - 10:15 *Najat Mokhtar*, Deputy Director General, Head of the Department of Nuclear
Sciences and Applications, IAEA
May Abdel-Wahab, Director, Division of Human Health, Department of Nuclear
Sciences and Applications, IAEA

PLENARY SESSION 1: Keynote lectures

Chairperson: *Wim Oyen*, EANM

IAEA Coordinator: *Diana Paez*

10:15 - 10:30 The Burden of Cancer - *Andre Ilbawi*, WHO
10:30 - 10:45 Medical Imaging: A Global Perspective - *Diana Paez*, IAEA
10:45 - 11:10 Artificial Intelligence and Machine Learning - *Georg Langs*, ESR
11:10 - 11:30 Impact of Theranostics in Personalized Medicine - *Wim Oyen*, EANM
11:30 - 11:50 Immunotherapy - *Jose Antonio Obando*, SNMMI
11:50 - 12:05 Live Q/A

ABSTRACT SESSION 1

12:05 - 12:35 Chairperson: *Henry Bom*, ARCCNM

IAEA Coordinator: *Miriam Mikhail*

Inclusion of PET in radiation treatment planning in lung cancer: Are there clinical
impacts? - *Rebecca Buecker*, Germany (97*)

FDG PET/CT imaging of extra pulmonary tuberculosis immune reconstitution
inflammatory syndrome - *Osayande Evbuomwan*, South Africa (100*)

Visual and quantitative assessment of residual aggressive lymphoma with the
Lesion Synthesis Toolbox - *Christiane Wiefels*, Brazil (216*)

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INTERACTIVE SESSION 1: CT

IAEA Coordinator: *Olivier Pellet*

- 12:35 - 12:55 Read with the Expert: CT Abdomen and Pelvis - *Alvaro Huete*, Pontifical Catholic University of Chile, Chile
- 12:55 - 13:15 Read with the Expert: CT Thorax - *Tom Brian Lynch*, Queen's University Belfast, UK

CLINICAL SESSION 1: Colon Cancer

Chairperson: *Giuliano Mariani*, University of Pisa, Italy

IAEA Coordinator: *Olivier Pellet*

- 13:15 - 13:35 What the Clinician Needs to Know - *Vivek Subbiah*, MD Anderson Cancer Center, USA
- 13:35 - 13:55 Role of PET/CT in Colon Cancer - *Homer Macapinlac*, MD Anderson Cancer Center, USA
- 13:55 - 14:10 Live Q/A

CLINICAL SESSION 2: Lung Cancer

Chairperson: *Irene Virgolini*, WARMTH

IAEA Coordinator: *Miriam Mikhail*

- 14:10 - 14:30 Radiation Therapy in Patients with Lung Cancer - *Ciro Franzese*, Humanitas Research Hospital - Humanitas University, Italy
- 14:30 - 14:50 Role of PET/CT in Solitary Pulmonary Nodule - *Elba Etchebehere*, University of Campinas, Brazil
- 14:50 - 15:10 Role of PET/CT in Lung Cancer Staging - *Victor Gerbaudo*, Brigham and Women's Hospital, Harvard Medical School, USA
- 15:10 - 15:30 Role of PET/CT in Radiation Therapy Planning - *Arturo Chiti*, Humanitas Research Hospital - Humanitas University, Italy
- 15:30 - 15:45 Live Q/A

ABSTRACT SESSION 2

15:45 - 16:15 Chairperson: *Akram Al-Ibraheem*, King Hussein Cancer Center, Jordan

IAEA Coordinator: *Francesco Giammarile*

Synthesis, characterization and theranostic evaluation of Tc-99m labelled multifunctional superparamagnetic iron oxide nanoparticles: Dual labelled DPAPA (3,5-bis (diphosphono amino) pentanoic acid) conjugated iron oxide prop as a prostate cancer theranostic agent - *Volkan Yasakci*, Turkey (52*)

Brain perfusion SPECT changes in major depressive disorder patients treated with statins in addition to standard SSRIs therapy, using Neurostat software - *Byron Riedel de Juan*, Chile (53*)

Theranostics applications - *Marylin Acuña Hernandez*, Colombia (113*)



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WEDNESDAY, 25 NOVEMBER 2020

CLINICAL SESSION 3: Head and Neck Cancers

Chairperson: *Gopinath Gnanasegaran, Royal Free London NHS Foundation Trust, UK*

IAEA Coordinator: *Enrique Estrada*

10:00 - 10:20 Role of CT and MRI - *Soraya Robinson, ESR*

10:20 - 10:40 Role of PET/CT - *Wim Oyen, EANM*

10:40 - 10:55 Live Q/A

PLENARY SESSION 2: Education, Ethics and Leadership

Chairperson: *Stefano Fanti, EANM*

IAEA Coordinator: *Diana Paez*

10:55 - 11:15 Ethics and Leadership - *Sobhan Vinjamuri, Royal Liverpool and Broadgreen University Hospitals NHS Trust, UK*

11:15 - 11:35 Challenges in Theranostics: Major Role of Education and Training - *Jean-Luc Urbain, WFNMB*

11:35 - 11:55 Challenges in Education and Research in Nuclear Medicine - *Andrew Scott, Olivia Newton-John Cancer Research Institute, Australia*

11:55 - 12:05 Live Q/A

ABSTRACT SESSION 3

12:05 - 12:35

Chairperson: *Jun Hatazawa, AOFNMB*

IAEA Coordinator: *Pilar Orellana*

Combined versus subtraction-only technique in parathyroid scintigraphy - *Julius Sebikali Mugisha, Uganda (55*)*

Progressive accumulation of radiolabelled white cells in scans performed for suspected vascular prosthetic graft infections - *Jeffrey Adam Jooma, Malawi (101*)*

F-18 FDG PET/CT in electrical status epilepticus in sleep (ESES) - An emerging role - *Srivastava Madhur Kumar, India (98*)*

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INTERACTIVE SESSION 2: PET/CT

IAEA Coordinator: *Enrique Estrada*

12:35 - 12:55 Pearls and Pitfalls in PET/CT - *Ora Israel, FSNMMI and Israel Institute of Technology - Technion Haifa, Israel*

12:55 - 13:15 Appropriate Use of PET/CT in Paediatrics - *Barry Shulkin, St. Jude Children's Research Hospital, USA*

CLINICAL SESSION 4: Lymphomas

Chairperson: [Arturo Chiti](#), *Humanitas Research Hospital - Humanitas University, Italy*

IAEA Coordinator: [Pilar Orellana](#)

- 13:15 - 13:35 What the Clinician Needs to Know - [Samir Nabhan](#), *Federal University of Parana, Brazil*
- 13:35 - 13:55 RT Planning - [Berardino de Bari](#), *University of Neuchâtel, Switzerland*
- 13:55 - 14:25 Role of PET/CT in Staging and Evaluation of Treatment Response - [Juliano Cerci](#), *ALASBIMN*
- 14:25 - 14:40 Live Q/A
- 14:40 - 14:50 Break

CLINICAL SESSION 5: Gynaecological Cancers

Chairperson: [Ora Israel](#), *FSNMMI and Israel Institute of Technology - Technion Haifa, Israel*

IAEA Coordinator: [Olivier Pellet](#)

- 14:50 - 15:10 Role of PET/CT in Gynaecological Cancers - [Giuliano Mariani](#), *University of Pisa, Italy*
- 15:10 - 15:30 Role of PET/CT in Breast Cancer - [Rathan Subramaniam](#), *University of Otago, New Zealand*
- 15:30 - 15:45 Live Q/A

ABSTRACT SESSION 4

15:45 - 16:25

Chairperson: [Mohamad Haidar](#), *ARSNM*

IAEA Coordinator: [Olivier Pellet](#)

Role of FDG-PET/CT in the evaluation and staging of hepatocellular carcinoma - [Shahzad Qasim](#), *Pakistan (106*)*

Correlation between 18F-FDG brain uptake patterns and immunotherapy treatment outcome in advanced melanoma patients - [Mauro Namías](#), *Argentina (84*)*

F18PSMA 1007 PET/CT in localizing recurrence in biochemistry relapse in prostate cancer - [Mariela Agolti](#), *Argentina (150*)*

Usefulness of FDG PET/CT in a very rare pulmonary artery leiomyosarcoma: a case report - [Tawika Kaewchur](#), *Thailand (54*)*

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THURSDAY, 26 NOVEMBER 2020

CLINICAL SESSION 6: Neuroendocrine Tumours

Chairperson: [Ora Israel](#), FSNMMI and Israel Institute of Technology - Technion Haifa, Israel

IAEA Coordinator: [Francesco Giammarile](#)

10:00 - 10:20 Role of CT and MRI in NET - [Dietmar Tamandl](#), ISR

10:20 - 10:50 Theranostics in NET - [Irene Virgolini](#), WARMTH

10:50 - 11:00 Radionuclide therapies in NET: Role of Alpha-emitters - [Jolanta Kunikowska](#), EANM

11:00 - 11:15 Live Q/A

CLINICAL SESSION 7: Thyroid Cancer

Chairperson: [Henry Bom](#), ARCCNM

IAEA Coordinator: [Pilar Orellana](#)

11:15 - 11:30 Role of Medical Imaging in Thyroid Cancer - [Partha Choudhury](#), WARMTH

11:30 - 11:45 Radionuclide Therapies: Where Are We? - [Markus Luster](#), University of Marburg, Germany

11:45 - 12:00 Case Reviews of Thyroid Cancer - [Sabina Dizdarevic](#), Brighton and Sussex University Hospitals NHS Trust, UK

12:00 - 12:15 Live Q/A

ABSTRACT SESSION 5

12:15 - 12:45

Chairperson: [Gopinath Gnanasegaran](#), Royal Free London NHS Foundation Trust, UK

IAEA Coordinator: [Enrique Estrada](#)

The value of isolated and integrated brain PET and MRI imaging findings to predict treatment response in patients with Alzheimer's Disease - [Tanyaluck Thietunyakit](#), Thailand (3*)

Evaluation of suspect lung lesions through percutaneous biopsy: differences in diagnostic accuracy between PET/CT and CT - [Mateos Bogoni](#), Brasil (27*)

PET/CT-guided biopsy presents higher malignant positive Results than CT guided biopsy - [Mateos Bogoni](#), Brasil (28*)

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INTERACTIVE SESSION 3: COVID-19

IAEA Coordinator: [Diana Paez](#)

- 12:45 - 13:00 COVID-19: X-ray and US Features - [Ivana Blazic](#), ESR
13:00 - 13:20 COVID-19: C T Features - [Marie-Pierre Revel](#), Paris Descartes University, France
13:20 - 13:35 COVID-19: SPECT and PET Features - [Jamshed Bomanji](#), Univeristy College London, UK

CLINICAL SESSION 8: Prostate Cancer

Chairperson: [Arturo Chiti](#), Humanitas Research Hospital - Humanitas University, Italy

IAEA Coordinator: [Enrique Estrada](#)

- 13:35 - 13:55 What the Clinician Needs to Know - [Jochen Walz](#), Institute Paoli-Calmettes, France
13:55 - 14:15 Role of MRI in Prostate Cancer - [Olivier Rouvière](#), University Hospital Centre of Lyon, France
14:15 - 14:35 Role of PET/CT in the Evaluation of Prostate Cancer - [Stefano Fanti](#), EANM
14:35 - 14:55 Radionuclide Therapies in Prostate Cancer - [Mike Sathekge](#), SNM
14:55 - 15:10 Live Q/A

PLENARY SESSION 3: Future Directions

Chairperson: [Stefano Fanti](#), EANM

IAEA Coordinator: [Francesco Giammarile](#)

- 15:10 - 15:30 PET-CT: Biochemistry of the Living Body - [Marcus Hacker](#), AKH, Austria
15:30 - 15:50 Trends in Medical Imaging - [Richard Wahl](#), SNMMI; Mallinckrodt Institute of Radiology, Washington University in St Louis School of Medicine, USA

CLOSING CEREMONY

IAEA Coordinator: [Francesco Giammarile](#)

- 15:50 - 16:20 Highlight lecture [Andrew Scott](#), Olivia Newton-John Cancer Research Institute, Australia
16:20 - 16:30 Closing remarks [Diana Paez](#), IAEA