

Schedule of the 26th Annual International Congress of Nuclear Medicine of Iran

Iran-Tabriz Opening Ceremony Venue: The International Valiasr Hospital

● Date: September 16–18, 2026 ● Venue: Pars El-Goli Hotel



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انجمن علمی پزشکی هسته‌ای ایران



THREE-DAY NUCLEAR MEDICINE CONGRESS

Revised Complete Scientific Programme

Molecular Imaging • Theranostics • Radionuclide Therapy • Artificial Intelligence

Day 1	07:45–13:00 and 14:00–17:20
Day 2	08:00–13:30 and 14:30–16:25
Day 3	08:00–13:00, including the closing ceremony; luncheon follows
Programme format	10–30-minute presentations followed by expert panels or discussions where scheduled.

PROGRAMME AT A GLANCE

Times and session numbering aligned with the detailed programme

Day	Time	Session	Title
Day 1	07:45–10:00	1	Endocrine Oncology – Thyroid Cancer
Day 1	10:30–13:00	2	The Evolving Landscape of NET Management: Challenging Cases in Molecular Imaging and PRRT
Day 1	14:00–17:20	3	Solid Tumors and Hematologic Malignancies
Day 2	08:00–10:00	4	FAPi – The Horizon of Nuclear Medicine
Day 2	10:30–13:30	5	Beta and Alpha Therapy in Prostate Cancer
Day 2	14:30–16:25	6 & 7	Expanding Frontiers in Nuclear Medicine: Molecular Imaging, Theranostics, Medical Physics, and AI
Day 3	08:00–10:00	8	Neuroimaging and New PET Tracers in the New Era
Day 3	10:00–13:00	9	Emerging Clinical Applications, Radiopharmaceutical Safety, and Translation

DAY 1

Endocrine Oncology, NET Management, and PRRT

Session 1: Endocrine Oncology – Thyroid Cancer

07:45–10:00 | Opening Session

Time	Lecture / Discussion	Speaker(s)
07:45–08:15	Welcome Ceremony and Congress Opening	
08:15–08:30	Future Perspectives in Nuclear Medicine	Dr. Shahram Dabiri
08:30–08:45	Management of Radioactive Iodine-Refractory Differentiated Thyroid Cancer	Dr. Yalda Salehi
08:45–09:00	The Role of PET/CT in Thyroid Cancer Management: From Initial Assessment to Recurrence Detection and Surveillance	Dr. Babak Shafiei
09:00–09:15	Intermediate Postoperative Risk of Progression: A Grey Area in Radioiodine Therapy	Dr. Tamara Geliashvili
09:15–09:30	Challenging Cases in Advanced Thyroid Cancer	Dr. Mohammad Abedi
09:30–10:00	Expert Panel: Novel Diagnostic and Therapeutic Approaches in Thyroid Cancer	Moderator: Dr. Esmail Gharepapagh Panelists: Dr. Shahram Dabiri, Dr. Mohammad Abedi, Dr. Babak Shafiei, Dr. Akbar Aliasgarzadeh
10:00–10:30		Coffee Break

Session 2: The Evolving Landscape of NET Management: Challenging Cases in Molecular Imaging and PRRT

10:30–13:00

Time	Lecture / Discussion	Speaker(s)
10:30–10:45	Current Standards and Recent Advances in Peptide Receptor Radionuclide Therapy	Dr. Saeed Farzanefar
10:45–11:15	Case-based review of response Assessment in Somatostatin Receptor Theranostics	Dr. Ghasemali Divband
11:15–11:30	Could Terbium-161 and Actinium-225 Improve Somatostatin Receptor-Targeted Therapy?	Dr. Marzieh Nejabat
11:30–11:45	Lu-177-LM3 in Neuroendocrine Tumors: Current Evidence and Future Directions	Dr. Kamran Aryana
11:45–12:30	Expert Panel: Treatment Sequencing and Personalized PRRT in Neuroendocrine Tumors	Moderator: Dr. Emran Askari Panelists: Dr. Marzieh Nejabat, Dr. Ghasemali Divband, Dr. Kamran Aryana, Dr. Saeed Farzanefar, Dr. Farzad Kakaie, Dr. Amir Vahedi, and Dr. Mohammadzade
12:30–13:00	PET/CT Beyond Oncology: Current and Emerging Applications in Non-Malignant Diseases	Dr. Mohsen Saghari

DAY 1 — AFTERNOON

Solid Tumors, Hematologic Malignancies, and Integrated Therapies

13:00–14:00	Lunch Break
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Session 3: Solid Tumors and Hematologic Malignancies

14:00–17:20

Time	Lecture / Discussion	Speaker(s)
14:00–14:15	FDG PET/CT in Immunotherapy Response Assessment: From Pseudoprogression to Immune-Related Response Criteria	Dr. Farshad Emami
14:15–14:30	Recent Advances in Nuclear Medicine and Molecular Imaging: The Promise of Theranostics in Lung Cancer – From Diagnosis to Personalized Therapy	Dr. Marzieh Nejabat
14:30–15:00	Clinical Applications of PET/CT in Bone Tumors	Dr. Esmail Gharepapagh
15:00–15:20	Short Break / Open Discussion	
15:20–15:40	18F-Fluoroestradiol (FES) PET/CT in Breast Cancer Evaluation	Dr. Vahid Reza Dabagh
15:40–16:00	PET/CT in Peritoneal Carcinomatosis: Metabolic Added Value in Staging and Treatment Selection	Dr. Alireza Rezaei
16:00–16:20	Clinical Impact of FDG PET/CT in the Management of Plasma Cell Disorders	Dr. Arman Hasanzadehrad
16:20–16:40	The Role of PET/CT in the Early Detection of Cancer of Unknown Primary (CUP)	Dr. Bahar Moasses
16:40–17:00	Peptide Receptor Radionuclide Therapy (PRRT): Patient Selection, Treatment Response, and Follow-Up	Dr. Roya Eisazadeh
17:00–17:20	Nuclear Medicine Meets Immunotherapy (From FDG PET to Immuno-PET, Immune Monitoring and Theranostics)	Dr. Zeinab Amirkhani

DAY 2

FAPI and Prostate Cancer Theranostics

Session 4: FAPI – The Horizon of Nuclear Medicine

08:00–10:00 | First Session of Day 2 – Featuring Prof. Akbari

Time	Lecture / Discussion	Speaker(s)
08:00–08:20	FAPI PET Imaging: Current Clinical Evidence and Future Directions	Prof. Akbari
08:20–10:00	Diagnostic and Therapeutic Applications of FAPI: Case-Based Discussion	Moderator: Dr. Banihashemian Panelists: Dr. Ghasemali Divband, Dr. Nasiri, Dr. Eghdam Zamir, Dr. Abbasvandi, and Dr. Motlagh
10:00–10:30	Coffee Break	

Session 5: Beta and Alpha Therapy in Prostate Cancer

10:30–13:30

Time	Lecture / Discussion	Speaker(s)
10:30–10:50	Lu-177–PSMA Therapy in Metastatic Prostate Cancer: Lessons from Clinical Practice	Prof. Nasser Simforoosh
10:50–11:10	Clinical Experience with Terbium-161: Advantages Beyond Conventional Beta Therapy	Dr. Atena Aghaee
11:10–11:20	Terbium-161 Practice in India	Dr. Ameya Puranik (Online Presentation)
11:20–11:40	Beyond PSMA: The Next Generation of Theranostics	Dr. Masha Maharaj
11:40–12:00	Targeted Alpha Therapy vs. Beta Therapy in mCRPC: Radiobiological Rationale and Clinical Paradigms	Dr. Mehrshad Abbasi
12:00–12:20	Experience Using Actinium-225-Labeled Radiopharmaceuticals in the Treatment of mCRPC and NET	Dr. Andrei Stanzhevskii (Online Presentation)
12:20–12:30	Short Break / Panel Setup	
12:30–13:30	Expert Panel: Interesting Cases in Prostate Cancer Radionuclide Therapy	Moderator: Dr. Mehrshad Abbasi Panelists: Prof. Nasser Simforoosh, Dr. Masha Maharaj, Dr. Mohammadzade, Dr. Emran Askari, and Dr. Oleg Mansourov, Dr. Mahmoodian

DAY 2 — AFTERNOON

Advanced Molecular Imaging, Theranostics, Medical Physics, and Artificial Intelligence

13:30–14:30

Lunch Break

Sessions 6 & 7: Expanding Frontiers in Nuclear Medicine

14:30–16:25 | Advanced Molecular Imaging, Theranostics, Medical Physics, and AI

Time	Lecture / Discussion	Speaker(s)
14:30–14:45	PET/CT Beyond Oncology: Infection and Inflammation (Vasculitis / Cardiac Sarcoidosis)	Dr. Mehrsadat Alavi
14:45–15:00	18F-FAPI PET/CT for Localization of Occult Endometriosis in Patients with Persistent Pain: A Feasibility Study	Dr. Yunis Shikhalie
15:00–15:15	The Role of PET/CT in the Early Diagnosis of Cardiac Amyloidosis	Dr. Soltanabadi
15:15–15:30	Coffee and Networking Break	
15:30–15:50	Artificial Intelligence Transforming Nuclear Medicine: From Physics Innovation to Clinical Decision-Making	Dr. Mohammad Reza Ay (Medical Physicist)
15:50–16:10	The Role of PET/CT in Modern Radiotherapy: From Target Delineation to Precision Treatment Planning	Dr. Mohsen Bakhshandeh
16:10–16:25	Theranostics and Nuclear Oncology: Radiomics, Dosimetry, and Digital Twin Technologies	Dr. Arman Rahim
16:25–16:45	Pearls and pitfalls of BMD in pediatrics	Dr. Ramin Sadeghi

DAY 3

Neuroimaging, Emerging Clinical Applications, Safety, Translation, and Closing

Session 8: Neuroimaging and New PET Tracers in the New Era

08:00–10:00

Time	Lecture / Discussion	Speaker(s)
08:00–08:20	From Phenotype to Pathobiology: How Molecular PET Is Reshaping the Diagnosis of Dementia	Dr. Alireza Safarian
08:20–08:40	PET Imaging in Brain Tumors: From Metabolism to Molecular Targeting	Dr. Mohadeseh Bayat
08:40–09:00	Emerging Theranostic and Molecular Targets in Neurological Diseases	Dr. Mohammadali Ghodsirad
09:00–09:20	Imaging the Tumor Microenvironment: Clinical Experience with 68Ga-PET/CT Across Multiple Cancer Types	Dr. Kanan
09:20–09:40	FAPI in Oncologic vs. Non-Oncologic Applications	Dr. Babak Fallahi
09:40–10:00	Coffee and Networking Break	

Session 9: Emerging Clinical Applications, Radiopharmaceutical Safety, and Translation

10:00–13:00 | Final Scientific Session and Congress Closing

Time	Lecture / Discussion	Speaker(s)
10:00–10:30	Yttrium-90 (90Y) Cream for the Treatment of Non-Melanoma Skin Cancer: Principles, Practice, and Prospects	Dr. Kamran Aryana Dr. Banihashem Dr. Majd
10:30–10:50	Ethics in Nuclear Medicine	Dr. Mohsen Saghari
10:50–11:10	Radiopharmaceutical Administration During Breastfeeding	Dr. Davood Beiki
11:10–11:30	Offline SPECT/MRI Fusion in the Primary Diagnosis and Staging of Prostate Cancer	Dr. Babak Mahmoodian
11:30–11:45	Latest Diagnostic and Therapeutic Products from PARS Isotope Company	Dr. Rahimi and Dr. Rezaiepour
11:45–13:00	Closing Ceremony	

END OF CONGRESS — 13:00

Luncheon

RADIOPHARMACY SESSION PROGRAMME

Annual Iranian Nuclear Medicine Congress
Radiopharmacy Hall

PROGRAMME AT A GLANCE

Session times aligned with the detailed programme

Day	Time	Session	Title
Day 2	08:30-10:00	Part 1	Development of Radiopharmaceuticals - Part 1
Day 2	10:30-12:30	Part 2	Development of Radiopharmaceuticals - Part 2

DAY 2

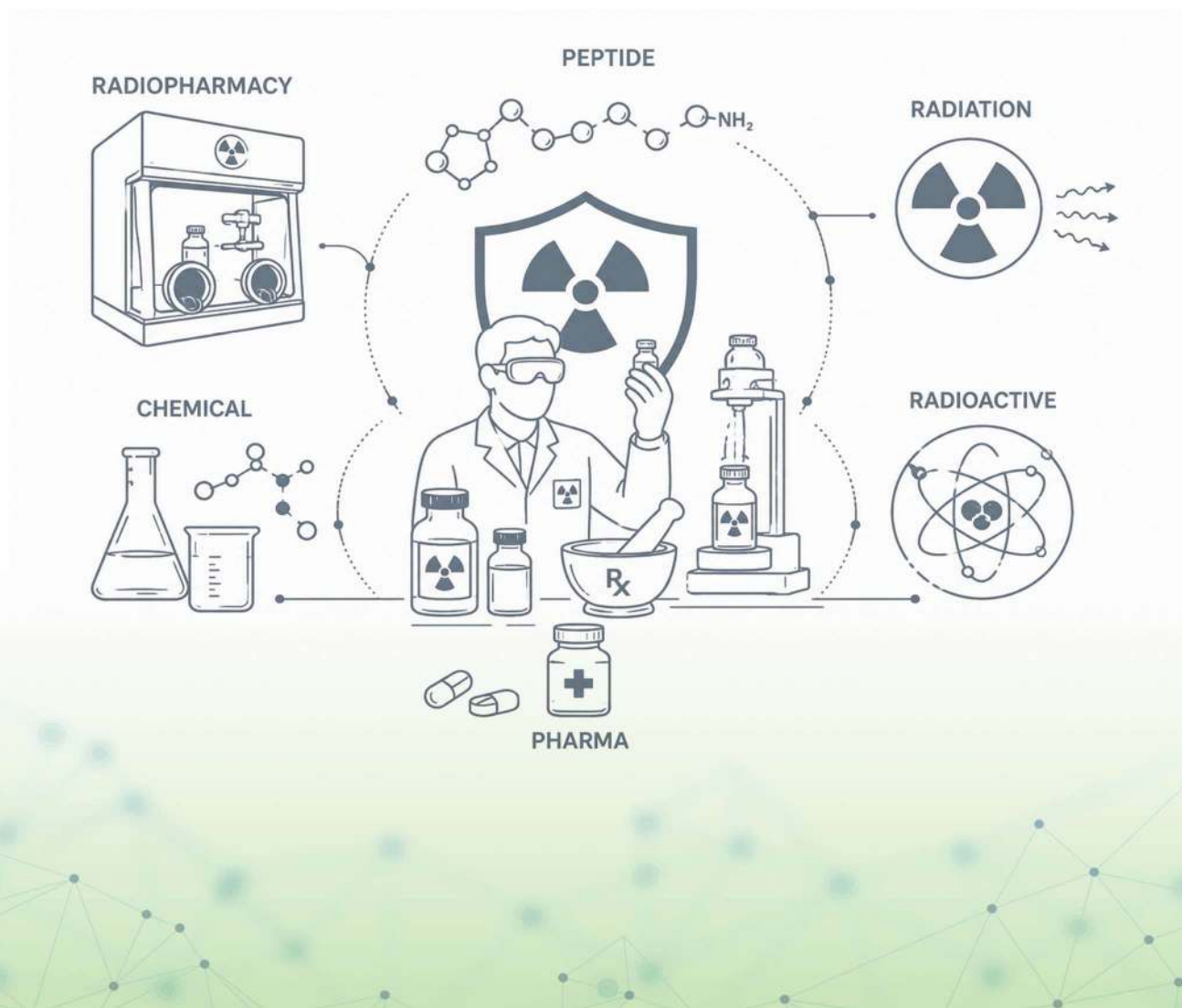
Radiopharmaceutical Development, Theranostics, and Probe Design

Radiopharmacy Hall

Radiopharmacy Scientific Programme

08:30-12:30

Time	Lecture / Discussion	Speaker(s)
Development of Radiopharmaceuticals - Part 1 Chairs: Dr. Davood Beiki – Dr. Nasim Vahidfar		
08:30-09:00	Development of FAPI-Based Radiopharmaceuticals for Diagnosis and Therapy	Dr. Nasim Vahidfar
09:00-09:30	Theranostic Radiopharmaceuticals: From Bench to Bedside	Dr. Tahereh Firoozyar
09:30-10:00	Optimizing 99mTc-DTPA Radio-Aerosol: A Simple Method for Ventilation Study	Dr. Keyvan Sadri
10:00-10:30	Short Break	
Development of Radiopharmaceuticals - Part 2 Chairs: Dr. Tahereh Firoozyar - Dr. Keyvan Sadri		
10:30-11:00	Alpha-Emitting Radiopharmaceuticals: Current Developments and Future Perspectives	Dr. Nasim Vahidfar
11:00-12:00	Recent Advancements in Probe Design for Radiopharmaceuticals	Dr. Davood Beiki
12:00-12:30	Q & A	



TWO-DAY MEDICAL PHYSICS PROGRAMME

Annual Iranian Nuclear Medicine Congress
Physic Hall

PROGRAMME AT A GLANCE

Session times aligned with the detailed programme

Day	Time	Session	Title
Day 1	11:00-14:00	1	Emerging Technologies and Quantitative Imaging in Nuclear Medicine
Day 1	15:00-17:00	2	Advanced Instrumentation and Computational Technologies in Nuclear Medicine
Day 2	08:30-10:30	1	Advanced PET Imaging: Physics, Challenges, and Emerging Applications
Day 2	11:00-14:00	2	Advanced Physics in Theranostics and Molecular Imaging

DAY 1

Emerging Technologies, Quantitative Imaging, Instrumentation, and AI

Medical Physics Scientific Programme

11:00-17:00

Time	Lecture / Discussion	Speaker(s)
Session 1: Emerging Technologies and Quantitative Imaging in Nuclear Medicine		
11:00-11:30	Nuclear Imaging of Cell Therapies: Physics, Quantification, and Clinical Translation	Dr. Sahar Rezaei
11:30-12:00	Quantitative Analysis in Nuclear Medicine: Current Applications and Future Perspectives in PET/CT and SPECT/CT	Dr. Habibeh Vosoughi
12:00-12:30	Towards Practical Kinetic PET Imaging in Clinical Oncology	De. Nilofar Rashteh bar
12:30-13:00	A Physicist's Roadmap to Clinical PET Cyclotron Performance: From Infrastructure to Reliable Production	Dr. Fakhreh Pashaei
13:00-14:00	Quality Management Audits in Nuclear Medicine Practices (QUANUM)	Moderator: Dr. Reza Paydar Panelist: Dr. Mohsen Bakhshandeh, Dr. Mohammadreza Ay, Dr. Reza Paydar, Dr. Mohammadreza Divband, Dr. Peyman Sheikhzadeh
14:00-15:00	Lunch	
Session 2: Advanced Instrumentation and Computational Technologies in Nuclear Medicine		
15:00-15:30	Transforming Molecular Imaging: A Deep Dive into Next-Generation Nuclear Medicine Instrumentation and AI Integration	Dr. Mohammadreza Ay
15:30-16:00	The Evolution of TOF PET Imaging: Recent Advances, Challenges, and Future Directions	Dr. Tahereh Zare
16:00-16:30	Monte Carlo Application in Nuclear Medicine	Dr. Mahdi Momennezhad
16:30-17:00	Radiation protection in theranostics	Dr. Mohammadreza Divband

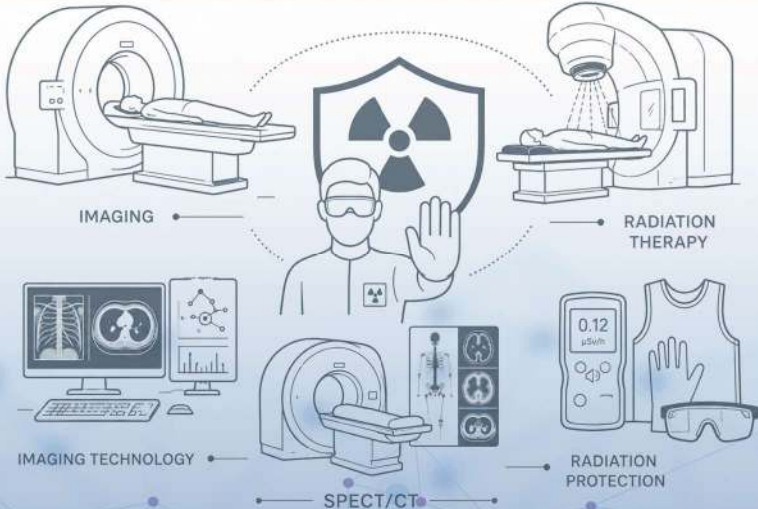
DAY 2

Advanced PET Imaging, Theranostics, Radiation Protection, and Radiomics

Medical Physics Scientific Programme

08:30-15:00

Time	Lecture / Discussion	Speaker(s)
Session 1: Advanced PET Imaging: Physics, Challenges, and Emerging Applications		
08:30-09:00	Precision Imaging: Navigating PET/CT Challenges in Lung Lesion Assessment	Dr. Pardis Ghafarian
09:00-09:30	Challenges and Advances in Cardiac PET Imaging: Physics and Protocol Optimization	Dr. Ahmad Bitarafan
09:30-10:00	Non-Oncologic PET Imaging: Physics, Challenges, and Protocol Optimization	Dr. Rezvan Samimi
10:00-10:30	Beyond SUV: An Educational and Methodological Review of Dynamic PET Kinetic Analysis and Parametric Imaging	Dr. Marziyeh Ebrahimi
10:30-11:00	Break	
Session 2: Advanced Physics in Theranostics and Molecular Imaging		
11:00-11:30	Physical Principles in the Production of New Radionuclides in Nuclear Medicine Imaging and Therapy	Dr. Zahra Karimi
11:30-12:00	Alpha-Particle Therapy: Challenges and Solutions in Imaging, Radiation Protection, and Dosimetry	Dr. Peyman Sheikhzadeh
12:00-12:30	Next-Generation Nuclear Medicine: AI-Driven Insights and Advancements	Dr. Yazdan Salimi
12:30-13:00	From Data to Wisdom: The Role of Radiomics in Systems Nuclear Medicine	Dr. Davod Khezrlou
13:00-13:30	Computational Methods in Theranostics and Nuclear Oncology	Dr. Arman Rahmim
13:30-14:00	Quantitative Brain PET/SPECT Imaging: A Radiomics Perspective	Dr. Younes Soleimani
14:00-15:00	Lunch	



Workshop program & Schedule

Friday (Day 3) - Sep 18, 2026

This educational workshop is designed to provide a practical and up-to-date perspective on three key areas within nuclear medicine centers, with a particular focus on the needs of technologists and healthcare professionals working in these centers: the fundamentals of health physics and radiation protection, radiolabeling of cold kits, and radiopharmaceutical quality control. The workshop offers an opportunity to review essential principles and practical considerations, explore common challenges, and enhance skills that can be directly applied in the daily practice of nuclear medicine centers.

In the radiation protection section, in addition to reviewing fundamental principles and safety requirements, special attention will be given to the safety considerations associated with novel alpha and beta-emitting radiopharmaceuticals. The radiolabeling section will address common challenges and errors encountered during kit preparation, along with practical approaches to troubleshooting and error management. The quality control section will focus on key principles, critical parameters, and practical considerations for evaluating the quality of radiopharmaceuticals and cold kits.

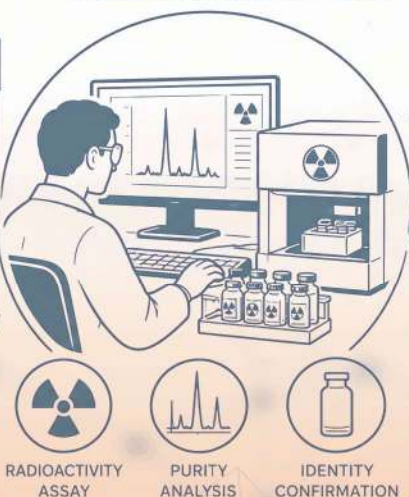
Designed to go beyond theoretical instruction, this workshop aims to bridge knowledge and practical experience through relevant, applicable content. Participants will also receive a dedicated educational package and practical workshop guide, providing a useful reference that can be consulted beyond the congress.

Time	Topic	Instructor
08:30 – 10:00	Cold kit radiolabeling	Hassan Kamali Head of Cold kit production Pars Isotope
10:00 – 10:30	Break	-
10:30 – 11:40	Fundamentals of health physics & radiation protection	Mohammad Kashani Head of Reactor radiopharmaceutical health physics Pars Isotope
11:40 – 12:50	Quality Control of Radiopharmaceuticals	Naser Soltani Head of Radiochemistry & Radionuclide Pars Isotope
12:50 – 13:15	QA and QC Protocols for Dose Calibrators	Ebrahim Farajzadeh Nuclear Medicine Laboratory Expert, Secondary Standard Dosimetry Laboratory (SSDL) Pars Isotope

LABELING OF RADIOPHARMACEUTICALS



QUALITY CONTROL OF RADIOPHARMACEUTICALS



RADIATION PROTECTION





Eye-catching Tabriz

