

NUCLEAR MEDICINE DAYS

1-4 November 2018 / Iași, Romania

PROGRAM

Prof. Dr. Cipriana Ștefănescu
Chair of the Organizing Committee
Vice-president of SRMN-IM

Dr. Raluca Mititelu
Co-Chair of the Organizing Committee
President of SRMN-IM





PROGRAM



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WELCOME MESSAGE

On behalf of the *Romanian Society of Nuclear Medicine and Molecular Imaging - SRMNIM*, of *U.M.F. "Grigore T. Popa" Iasi*, the *Innovative Regional Cluster of Structural and Molecular Imaging - IMAGO-MOL*, the *Society of Physicians and Naturalists*, the *St. Spiridon County Emergency Clinical Hospital* and the *Regional Institute of Oncology, Iasi*, is a great pleasure to invite you to participate in the "**Nuclear Medicine Days IASI 2018**", which will take place between *November 1-4, 2018*, in *Iasi*.

The national event national with international participation will include:

- A postgraduate course (EMC): ***Theranostics in Nuclear Medicine***
- Clinical Case Sessions: ***Nuclear Imaging*** versus ***Unclear Imaging***
- ***A Radioprotection Symposium***

This year, the event, which is the annual meeting of practitioners in the field of nuclear imaging, focuses on the training of young professionals in the field of radiotracers and SPECT / PET / CT / MRI techniques, defining the concept of *Theranostics for Personalized Medicine and Precision*. The activities will be supported by personalities from Romania and from all over Europe, in the form of lectures and motivational meetings where all participants have the chance to share ideas with our honored guests.

The event will also include scientific exhibitions presenting the latest generation of leading companies in the field and socializing events that will allow the continuation of professional discussions in a pleasant environment.

Welcome to "**Nuclear Medicine Days IASI 2018**"!

Cipriana Ștefănescu,
President of the Organizing Committee
SRMNIM Vice President



Raluca Mîitelu,
Co-president of the Organizing Committee
SRMNIM President



NUCLEAR MEDICINE DAYS IASI 2018 COMMITTEES:

PRESIDENT :	SCIENTIFIC COMMITTEE :
CIPRIANA ȘTEFĂNESCU <i>President</i> RALUCA MITITELU <i>Co-president</i>	<i>Gabriel Andrieș</i> <i>Corin Badiu</i> <i>Mihaela Baican</i> <i>Claudia Buzumurgă</i> <i>Marius Cambrea</i> <i>Irina Căruntu</i> <i>Iulia Chiriac</i> <i>Cristina Chirion</i> <i>Delia Ciobanu</i> <i>Felicia Crumpei</i> <i>Mihai Danciu</i> <i>Gabriel Dimofte</i> <i>Mircea Dragoteanu</i> <i>Mirela Gherghe</i> <i>Andrei Goldstein</i> <i>Irena Grierosu</i> <i>Maria Iuliana Gruia</i> <i>Mihai Guțu</i> <i>Lidia Ionescu</i> <i>Cătălin Victor Mazilu</i> <i>Raluca Mititelu</i> <i>Alexandru Naum</i> <i>Dana Niculae</i> <i>Lucia Pătrașcu</i> <i>Maura Petcu</i> <i>Claudiu Peștean</i> <i>Doina Piciu</i> <i>Mariana Pinteală</i> <i>Cristina Preda</i> <i>Agnes Pusztai</i> <i>Adriana Rîmbu</i> <i>Viorel Scripcariu</i> <i>Lăcrămioara Șerban</i> <i>Cipriana Ștefănescu</i> <i>Bogdan Ionel Tamba</i> <i>Cristina Ungureanu</i> <i>Anca Zamfirescu</i> External Guests: <i>Enrique Estrada-Lobato</i> <i>Savvas Frangos</i> <i>Alex Frenkel</i>
ORGANIZING COMMITTEE :	
President: <i>Cipriana Ștefănescu</i> Vice-presidents: <i>Carmen Mihai</i> <i>Cati Stolniceanu</i> Members: <i>Laurențiu Agrigoroaie</i> <i>Ioana Anton</i> <i>Adina Bașa</i> <i>Ștefan Bîlha</i> <i>Alina Căpitanu</i> <i>Claudia Cârja</i> <i>Daniela Chețan</i> <i>Emanuel Chișor</i> <i>Gianina Dodi</i> <i>Elena Dumbravă</i> <i>Mihai Furcea</i> <i>Ion Hurjui</i> <i>Roxana Gherasim</i> <i>Irena Grierosu</i> <i>Vlad Ghizdovăț</i> <i>Mihai Guțu</i> <i>Teodor Ionescu</i> <i>Wael Jalloul</i> <i>Otilia Lișman</i> <i>Adrian Lupașcu</i> <i>Emilian Marcovici</i> <i>Crina Miron</i> <i>Sorin Miron</i> <i>Alexandru Naum</i> <i>Bogdan Oprișan</i> <i>Ofelia Perju</i> <i>Livia Pețenchi</i> <i>Liviu Rusu</i> <i>Iuliana Saviuc</i> <i>Ana-Maria Stătescu</i>	

<p><i>Alina Ștefan</i> <i>Ghenadie Ștefănet</i> <i>Alina Timofți</i> <i>Iulian Tulbure</i> <i>Cristina Urātu</i></p>	<p><i>Wolfgang Gruber</i> <i>Ivalina Hristova</i> <i>Ora Israel</i> <i>Milovan Matovic</i> <i>Jean-Noel Talbot</i></p>
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EMC Postgraduate Course: THERAGNOSTICS IN NUCLEAR MEDICINE

COURSE COORDINATOR:
CIPRIANA ȘTEFĂNESCU , Professor, MD, PhD (Iasi, Romania)
LECTURERS:
<p>Gabriel Andrieș, Associate Professor, MD, PhD (Cluj-Napoca, Romania) Savvas Frangos, MD, PhD (Cyprus) Vlad Ghizdovăț, Univ. Assist. Physicist, PhD (Iasi, Romania) Irena Grierosu, Lecturer, MD, PhD (Iasi, Romania) Mihai Guțu, Lecturer, MD, PhD (Iasi, Romania) Ora Israel, Professor, MD, PhD (Israel) Milovan Matovic, Professor, MD, PhD (Serbia) Raluca Mititelu, MD, PhD, SRMN IM President (Bucuresti, Romania) Alexandru Naum, Lecturer, MD, PhD (Iasi, Romania) Dana Niculae, PhD, Dept. Head IFIN-HH (Bucuresti, Romania) Doina Piciu, Associate Professor, MD, PhD (Cluj-Napoca, Romania) Mariana Pinteală CSI, PhD (Iasi, Romania) Cipriana Ștefănescu, Professor, MD, PhD (Iasi, Romania) Jean-Noel Talbot, Professor, MD, PhD (France)</p>

COMMITTEE OF NMD IASI 2018 AWARDS:

Best e-poster Award, Best teaching file Award

<p>Gabriel Andrieș Savvas Frangos Ora Israel Raluca Mititelu Doina Piciu Cipriana Ștefănescu</p>

COMMITTEE OF NMD IASI 2018 IMAGO-MOL AWARD:

Promising Young Scientist in Nuclear Medicine Award

<p>Alina Căpitanu Carmen Mihai Raluca Mititelu Cipriana Ștefănescu</p>

USEFUL INFORMATION

Official languages: Romanian and English

Secretariat: The Scientific Secretariat will be placed at the ground floor of the UMF IASI – George Emil Palade Aula Magna (University Street, no 16) and will function having the following schedule:

Thursday, November 1:	08:30 - 15:00
Friday, November 2:	09:00 - 18:00
Saturday, November 3:	08:30 - 15:00
Sunday, November 4:	09:00 - 13:00

Certificate of Attendance: On the last day of the event, the participants will receive a Certificate of Participation. The Event was credited by the Romanian College of Physicians, The Order of the General Nurses, Midwives and Nurses from Romania.

Abstract Volume: Available in the congress bag under ISBN.

Access in the conference rooms: Access in the congress space will be based on the badge received after your registration at the Secretariat.

Catering: Lunch and coffee breaks will be served to participants according to schedule, in specially designated spaces within Unirea Hotel and UMF Iasi.

Liability and assurance: The Organizing Committee and PROevents & Conference are not responsible for damages of any kind, nor for the loss or damage to the luggage or other personal belongings of the participants. Any expenses incurred at hotel restaurants or the mini bar in the room will be borne fully by the participants.

Lost and Found: The goods found can be sorted at the Secretariat. To report the loss of a good, please contact the Secretariat.

Mobile Phones: Please close your mobile phones during the sessions.

Smoking: Smoking is allowed outside the location, only in specially designated areas.

Organizers Contact:

Alina Pușcaș, 0752 168819, alina.puscas@pproevents.com

Ionuț Toșa, 0752 168810, ionut.tosa@pproevents.com

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www.medical-congresses.com



RECOMMENDATIONS FOR SPEAKERS AND CHAIRMEN

Recommendations for speakers:

Oral presentations will be presented in English or Romanian with power point slides in English.

The presentation remains the property of the author and will not be used without permission.

We intend to publish a Syllabus after the event with the presentations, which will be transmitted electronically to all the participants. We kindly ask you to agree with our intention.

We recommend that you submit your presentation at least 2 hours before the start of the session directly in the room allocated for coffee or lunch breaks.

Technical specifications:

- Please have a portable support presentation: USB, CD, DVD, external hard drive and if you can have a copy of the presentation also by e-mail
- Supported Power Point versions are: '97, 2000, 2003, XP, 2007 and 2010. Other programs are not supported.
- Save the document with the .ppt or .pps extension (better).
- If you have multiple files, they must be saved in the same folder (all movie files are saved in the same directory on portable media)
- Do not use file passwords
- We recommend using common fonts: Times New Roman, Arial, Calibri, etc.
- If you are using Powerpoint.Mac or Keynote, please export your presentation as a .ppt for Windows or have your own computer with a Mac Adapter for video projector.
- Please familiarize yourself with the projector remote control, timer and microphone.
- **Do not exceed in any case the time allocated to the presentation.**

Recommendations for chairmen:

Dear colleagues, the Scientific Committee thanks you for your consent to moderate one or more of the congress sessions.

Please consider the following:

- Before your session, please get acquainted with the technical assistant present in the room.
- Check the technical state of the microphone, video projector, pointer, and lighting.
- Start the session in time even if the audience is low.
- **Do not accept any violation of the presentation time to avoid program lags.**
- Announce the changes communicated by the organizers, if any.

DETAILED PROGRAM



Nuclear Medicine Days
- Iasi 2018 -

DETAILED PROGRAM

THURSDAY, 01.11.2018

Aula Magna „George Emil Palade”- UMF Iași

8.30-9.00	<i>Participants Registration and Welcoming</i>	
9.00-9.30	Official opening: <i>Prof.dr. Viorel Scripcaru – Rector UMF ”Grigore T. Popa” Iasi</i> <i>Mr. Mihai Chirica – Mayor of Iasi</i> <i>Mr. Maricel Popa- President of Iasi County Council</i> <i>Dr. Raluca Mititelu – SRMN-IM President</i> <i>Prof.dr. Gabriel Dimofte – Director IRO Iasi</i> <i>Mr. Vasile Asandei – Director ADR Nord-Est (IMAGO-MOL)</i> <i>Ec.dr. Ioan Bârliba – Manager Sf. Spiridon Hospital Iasi</i> <i>Prof.dr. Cipriana Ștefănescu – NMD IASI 2018 President</i>	
POSTGRADUATE LECTURE		
<i>9.30 – 11.00 Chairs: Cipriana Ștefănescu, Gabriel Andrieș</i>		
9.30-9.50	Cipriana Ștefănescu (Iasi, Romania)	Theragnostics Concept in Nuclear Medicine
9.50-10.30	Jean-Noël Talbot (Paris, France)	Examples of Nowadays PET Theragnostics
10.30-11.00	Doina Piciu (Cluj-Napoca, Romania)	NET Theragnostics: between Guides and Practice
11.00-11.15	<i>Coffee break / E-Posters Session View (Chairs: Award Committee Members)</i>	
11.15-13.00	IMAGO-MOL Cluster Meeting <i>Chairs: Alina Căpitanu, Carmen Mihai (Parallel Meeting, Conference Hall UMF)</i>	
<i>11.15 – 13.30 Chairs: Jean-Noël Talbot, Doina Piciu</i>		
11.15-11.45	Gabriel Andrieș (Cluj-Napoca, Romania)	Theragnostics in prostate cancer: the current stage
11.45-12.00	Satellite Symposium: General Electric	
12.00-12.20	Ivalina Hristova (Sofia, Bulgaria)	Clinical Results from the New GE 800 Series SPECT/CT camera
12.20-12.50	Alexandru Naum (Iasi, Romania)	PET Quantitation from Clinical Theragnostics Perspective
12.20-12.50	Enrique Estrada Lobato (IAEA Vienna, Austria)	IAEA Collaboration Opportunities for Nuclear Medicine
12.50-13.10	<i>E-poster Session View (Chairs: Award Committee Members)</i>	
13.10-13.30	Alina Căpitanu, Carmen Mihai (Romania)	Grants Opportunities for Romanian Nuclear Medicine Researchers
14.00-15.00	Lunch (Unirea Hotel)	

THURSDAY, 01.11.2018

Iasi Regional Oncology Institute Hall

(General Henri Mathias Berthelot Street, 2-4)

16.00-18.00	TEACHING FILES SESSION and CYCLOTRON VIEW <i>(detailed program pages 16-17)</i>
<i>Chairs: Alexandru Naum, Cati Stolniceanu, Roxana Gherasim</i>	
	Welcome: Mirela Grosu, Manager
20.00	<i>Welcome cocktail (International Hotel, Sofia Sky Bar);</i>

FRIDAY, 02.11.2018

Aula Magna „George Emil Palade”- UMF Iași

POSTGRADUATE LECTURE		
<i>9.00 – 11.00 Chairs: Savvas Frangos, Raluca Mititelu</i>		
9.00-9.30	Savvas Frangos (Cyprus)	¹³¹ Iodine, first theragnostic approach in nuclear medicine: old and new
9.30-10.00	Ora Israel (Israel)	FDG PET/CT in Carcinoma of Unknown Primary
10.00-10.30	Raluca Mititelu (Bucharest, Romania)	Actualities in brain neoplasia molecular imaging
10.30-11.00	Ora Israel (Israel)	FDG-PET/CT in Infection or SPECT/CT in Infection?
11.00-11.15	<i>Coffee break / E-Posters session (Chairs: Award Committee Members)</i>	
<i>11.15 – 13.30 Chairs: Ora Israel, Corin Badiu</i>		
11.15-11.30	Satellite Symposium: Philips	
	Raluca Ciungara (Bucharest, Romania)	Vereos PET CT- Clinical Advantages of the Digital Detector in Nuclear Medicine
11.30-12.00	Corin Badiu (Bucharest, Romania)	Theragnostics in NET: the clinician point of view
12.00-12.30	Ora Israel (Israel)	SPECT/CT in Endocrinology
12.30-13.00	Alex Frenkel (Israel)	QC in Hybrid Imaging
13.00-13.30	Symposium in Radiotracers	Steps in Introducing New Radiotracers in Nuclear Medicine in Romania

13.30-14.00	Webinar Bioemtech	
	George Loudos (Greece)	Introducing the eye series. The tools that were missing from your imaging lab
14.00-15.00	Lunch (Unirea Hotel)	
16.00 – 17.00 Chairs: Anca Zamfirescu, Iulia Chiriac		
16.00-16.20	Mihai Guțu (Iasi, Romania)	Theragnostics in Digestive Cancers
16.20-16.40	Maria Iuliana Gruia (Bucharest, Romania)	Molecular Transformations Induced by ⁶⁸ Ga Conjugated to Peptides in Experimental Tumor Models
16.40-17.00	Mircea Dragoteanu (Cluj-Napoca, Romania)	Risk Theory Applied to Malpraxis Cases in Diagnostic Nuclear Medicine
17.00-18.00	General Assembly of SRMNIM	
20.00	Official Dinner of the Conference (Unirea Hotel); NMD Awards	

SATURDAY, 03.11.2018

Aula Magna „George Emil Palade”- UMF Iași

POSTGRADUATE LECTURE		
8.00– 10.30 Chairs: Agnes Pusztai, Irena Grierosu		
8.00-8.15	Irena Grierosu (Iasi, Romania)	Examples of Nanoparticles Use in Theragnostics
8.15-8.45	Mariana Pinteală (Iasi, Romania)	Nanoparticles in Theragnostics Approach: Synthesis, Structure, Particularities
8.45-9.15	Dana Niculae (Bucharest, Romania)	Theragnostic radioisotopes - from production to clinical practice (new radiopharmaceuticals development).
9.15-9.30	Livia Chilug (Bucharest, Romania)	Activated Gold Nanoparticles Conjugated with ⁶⁸ Ga-DOTA-PEG(4)-BBN(7-14) for Targeting Tumors Expressing GRP Receptors
9.30-10.00	Milovan Matovic (Serbia)	Some of our Innovative Technical Solutions as Useful Tools in Everyday Clinical Practice in Nuclear Medicine Departments
10.00-10.15	Satellite Symposium: Siemens Healthcare	
	Wolfgang Gruber (Linz, Austria)	Setting New Standards with Molecular Imaging
10.15-10.30	<i>Discussions</i>	

10.30-11.00	<i>Coffee break / E-Posters session MCQ (for PU lecture participants)</i>
10.30-13.00	2nd Meeting of the Working Group on the Establishment of the National Center for Nuclear Medicine
Chairs: Raluca Mititelu, Cipriana Ștefănescu	
10.30-11.00	<i>Participants Registration and Welcoming</i>
11.00-11.30	<i>Official opening:</i> <ul style="list-style-type: none"> ➤ Prof. Dr. Viorel Scripcariu - Rector UMF "Grigore T. Popa" Iași ➤ Dr. Vasile Cepoi – ANMCS President ➤ Mr. Rodin Traicu – CNCA President ➤ Acad. Nicolae Zamfir – General Director IFIN-HH - ELI-NP ➤ Dr. Raluca Mititelu - SRMN-IM President ➤ Prof. Dr. Cipriana Ștefănescu - NMD IASI 2018 President
11.30-12.00	<i>Presentation and signing of the Nuclear Medicine Consortium Memorandum</i>
12.00-14.15	ROUND TABLE: PROPOSALS OF RESEARCH TOPICS IN NUCLEAR MEDICINE - IN COLLABORATION <ul style="list-style-type: none"> ➤ Statement on Nuclear Medicine in Romania – Gabriel Andrieș, Cluj Napoca ➤ CNMN (National Center for Nuclear Medicine) Project – Cristian Ifimoaie, ANMCS ➤ Points of view /Research topics – free discussions (UMF "Carol Davila" Bucharest – Cătălina Poiană, IOB Bucharest - Maria Iuliana Gruia, "C.I. Parhon" Bucharest - Mariana Purice, INCD., Victor Babeș" Bucharest - Gina Manda, Măgurele High Tech Cluster - Dragoș Seuleanu, IOCN Cluj Napoca - Doina Picu, IMAGO-MOL Cluster (UMF,,Grigore T. Popa"/CEMEX/ Inst. „Petru Poni”) Iasi - Cristina Urîtu, IRO Iasi - Alexandru Naum and other participants.)
14.15-14.30	Conclusions of the Reunion
14.30-15.30	Lunch (catering UMF, Exhibition Space)
17.00-18.00	CEMEX Visit (*pre-registration is required at the Registration Desk) <i>Chairs: Mihai Guțu, Laurențiu Agrigoroaie</i>
20.00	Traditional Dinner – La Conac Restaurant

SUNDAY, 04.11.2018

Aula Magna „George Emil Palade”- UMF Iași

POSTGRADUATE LECTURE RADIOPROTECTION SYMPOSIUM

9.00 – 11.30 Chairs: Maura Petcu, Vlad Ghizdovăț

9.00-10.00	Claudiu Peștean (Cluj-Napoca, Romania)	Good Practice in Radiation Protection during Daily Practice of Nuclear Medicine: SPECT/CT vs PET/CT
10.00-10.30	Maura Petcu (Iasi, Romania)	Novelties in Radiation Protection Legislation for Nuclear Medicine
10.30-11.00	Mihaela Oprea (Iasi, Romania)	Protective Screens against Ionizing Radiation
11.00-11.30	Micaela Ghineț (Iasi, Romania)	Radiation Protection Specifics related to the Patient’s Circuit in a Nuclear Medicine Laboratory. New Regulations regarding Medical Exposure Reports
11.30-11.45	<i>Coffee break</i>	

11.45 – 14.45 Chairs: Claudiu Peștean, Valentin Paraschiva

11.45-12.15	Vlad Ghizdovăț (Iasi, Romania)	Employing Dosimetry for an Efficient Radiation Protection
12.15-12.45	Călin Buzea (Iasi, Romania)	Radiomics: Challenges and Impact in Theragnostics Decision. The Medical Physicist Point of View
12.45-13.15	Costin Ghioca (Bucharest, Romania)	Steps in Authorization of a Nuclear Medicine Laboratory
13.15-13.45	Valentin Paraschiva (Bucharest, Romania)	Individual Dosimetric Monitoring for Exposed Workers in Nuclear Medicine: Actual Challenges
13.45-14.15	Daniela Neamțu (Bucharest, Romania)	Medical Physics Day
14.15-14.45	<i>Closing remarks for NM Days</i>	

E-POSTER SESSION

LOCATION: ground floor, UMF IASI foyer

Awards for the best e-posters will be given at the **Official Dinner of the Conference (Unirea Hotel)**, on the 2th of November, at 20:00 hours.

No.	Title	Authors
1	<i>THE USEFULNESS OF IMAGING INVESTIGATIONS IN THE DIAGNOSIS OF TRANSTIRETIN CARDIAC AMYLOIDOSIS</i>	<p>T.M. Ionescu¹, A. Başa¹, D.M. Furcea¹, C.R. Stolniceanu^{1,3}, A.M. Stătescu¹, I. C. Grierosu^{1,3}, M.M. Guţu^{1,3}, A. Gavrilescu², C. Ştefănescu^{1,3}</p> <p>1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iasi, ROMANIA 2. Department of Cardiology University Emergency Hospital "Sf. Spiridon" Iasi, ROMANIA 3. Department of Biophysics and Medical Physics - University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iaşi, ROMANIA</p>
2	<i>PAGET'S DISEASE OF THE BONE</i>	<p>A.M. Pusztai¹, L.I. Pătraşcu¹</p> <p>1. „Pius Brînzeu” County Emergency Clinical Hospital, Timișoara, ROMANIA</p>
3	<i>¹⁸F-FDG PET/MRI IN CARDIORENAL SYNDROME- PRELIMINARY OUTCOMES OF A SMALL ANIMAL EXPERIMENTAL STUDY</i>	<p>L. Agrigoroaie¹, D.M. Furcea¹, M.M. Guţu^{1,3}, C. Uritu², G.D. Stanciu², C.T. Mihaï², I. Gardikiotis², R. Iliescu^{2,3}, B. Tamba^{2,3}, C. Ştefănescu^{1,2,3}</p> <p>1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iaşi, ROMANIA 2. Advanced Center for Research and Development in Experimental Medicine CEMEX, Iasi, ROMANIA 3. University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iasi, ROMANIA</p>
4	<i>PET-MRI IMAGE PROCESSING PECULIARITIES IN AN EXPERIMENTAL ANIMAL STUDY</i>	<p>D.M. Furcea¹, L. Agrigoroaie¹, M.M. Guţu¹, C. Uritu², G.D. Stanciu², C.T. Mihaï², I. Gardikiotis², R. Iliescu^{2,3}, B. Tamba^{2,3}, C. Ştefănescu^{1,2,3}</p> <p>1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iaşi, ROMANIA 2. Advanced Center for Research and Development in Experimental Medicine CEMEX, Iasi, ROMANIA 3. University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iasi, ROMANIA</p>

5	<p><i>IMPLEMENTATION OF THE EUROPEAN DIRECTIVE 2013/59/EURATOM ON RECENT ROMANIAN LEGISLATION FOR THE MEDICAL EXPOSURE AND THE REQUIREMENTS OF THE MEDICAL PHYSICS EXPERT</i></p>	<p>D. Neamțu¹ 1. INRMFB Bucharest, ROMANIA</p>
6	<p><i>STRUCTURAL AND FUNCTIONAL IN THE DIAGNOSIS OF GASTRO-ENTEROPANCREATIC NEUROENDOCRINE TUMORS</i></p>	<p>C. Cîrjă¹, C.R. Stolniceanu^{1,3}, A.M. Stătescu¹, C Hincu², L. Gheorghie^{2,3}, C. Ștefănescu^{2,3} 1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 2. Department of Radiology - - University Emergency Hospital "Sf. Spiridon" Iași, ROMANI A 3. Department of Biophysics and Medical Physics - University of Medicine and Pharmacy U.M.F „Grigore T. Popa” Iași, ROMANIA</p>
7	<p><i>CORRELATION FACTORS BETWEEN PSA VALUE, GLEASON SCORE AND BONE METASTASES IN ADVANCED PROSTATE CANCER</i></p>	<p>I.C. Grierosu^{1,2}, L. Pețenchi², G. Cărbune³, A.M. Stătescu², C. Ștefănescu^{1,2} 1. Department of Biophysics and Medical Physics, Faculty of Medicine, UMF "Grigore T. Popa" Iasi, ROMANIA, 2. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA, 3. Faculty of Medicine, UMF "Grigore T. 8Popa", Iasi, ROMANIA</p>
8	<p><i>THE UTILITY OF FUNCTIONAL IMAGING IN COGNITIVE STATUS EVALUATION</i></p>	<p>R. Iacob¹, C. Ștefănescu^{1,2} 1. Laboratory of Nuclear Medicine, Hospital "St. Spiridon", Iași, Romania 2. Department of Biophysics and Medical Physics- Nuclear Medicine - Faculty of Medicine, UMF "Grigore T. Popa" Iași, Romania</p>
9	<p><i>CORRELATION AND DISCORDANCE OF TUMOUR PROLIFERATION INDEX AND MOLECULAR IMAGING CHARACTERISTICS IN PATIENTS WITH NEUROENDOCRINE TUMOURS</i></p>	<p>C.R Stolniceanu^{1,4}, A.M. Stătescu¹, C. Ungureanu^{2,4}, C. Preda^{2,4}, D. Chetan³, M.M. Guțu^{1,3,4}, A.G. Naum^{3,4}, C. Ștefănescu^{1,4} 1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iasi, ROMANIA 2. Department of Clinical Endocrinology - Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 3. Department of Nuclear Medicine - Regional Institute of Oncology, Iași, ROMANIA 4. Department of Biophysics and Medical Physics - University of Medicine and Pharmacy U.M.F „Grigore T. Popa” Iași, ROMANIA</p>

10	<p style="text-align: center;">THE ROLE OF FUNCTIONAL NUCLEAR IMAGING IN NORD –EAST ROMANIAN THYROID CARCINOMAS RELATED TO CHERNOBYL ACCIDENT</p>	<p>L. Teodoriu¹, C. Preda^{1,3}, C. Ștefănescu^{2,3} 1. Department of Endocrinology - University Emergency Hospital “Sf. Spiridon” Iași, ROMANIA 2. Department of Nuclear Medicine - University Emergency Hospital “Sf. Spiridon” Iași, ROMANIA, 3. University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iași, ROMANIA</p>
11	<p style="text-align: center;">VALUE OF ^{99m}Tc-MIBI SCANNING IN THE LOCALIZATION OF THE PARATHYROID ADENOMA</p>	<p>A. M. Pusztai¹, L.I. Pătrașcu¹ 1. „Pius Brinzeu” County Emergency Clinical Hospital, Timișoara, ROMANIA</p>
12	<p style="text-align: center;">AMIODARONE AND THYROID FUNCTION - HOW TO CLEAR THE UNCLEAR</p>	<p>I.A. Chiriac¹, M. Purice², D. Neagu², G. Voicu², F. Alexiu², M.D.L Mușat^{3,6}, V.D Păunescu.⁴, I.F. Baciu^{5,6}, R.A. Trițănescu^{5,6}, A.L. Goldstein¹ 1. Department of Isotopic Therapy - Endocrinology - National Institute of Endocrinology “C.I. Parhon”, Bucharest, ROMANIA 2. Department of Nuclear Medicine - National Institute of Endocrinology “C.I. Parhon”, Bucharest, ROMANIA 3. Department of Endemic Goiter and its complications - Clinical Endocrinology I National Institute of Endocrinology “C.I. Parhon”, Bucharest, ROMANIA 4. Department of metabolic pathology Clinical Endocrinology III- Endocrine- National Institute of Endocrinology “C.I. Parhon”, Bucharest, ROMANIA 5. Department of Pituitary and neuroendocrine pathology Clinical Endocrinology V - National Institute of Endocrinology “C.I. Parhon”, Bucharest, ROMANIA 6. University of Medicine and Pharmacy "Carol Davila", Bucharest, ROMANIA</p>
13	<p style="text-align: center;">THE ROLE OF ¹⁸F-FDG PET/CT IN THE MANAGEMENT OF LEFT ATRIAL ANGIOSARCOMA: A CASE REPORT</p>	<p>L. Hîțu¹, G.Rusu¹, A. Alexiev¹, E.Spinu¹, K.Gabora¹, E. Olariu¹, A.Piciu¹, D.Piciu¹ 1. “Prof. Dr. Ion Chiricuta” Institute of Oncology, Cluj-Napoca, ROMANIA</p>
14	<p style="text-align: center;">OPTIMAL EVALUATION OF SENTINEL LYMPH NODE IN MALIGNANT MELANOMA</p>	<p>C Cîrjă¹, I. Grierosu^{1,4}, L. Ionescu^{3,4}, R. Livadariu^{3,4}, D. Ciobanu^{2,4}, C. Ștefănescu¹ 1. Department of Nuclear Medicine - University Emergency Hospital “Sf. Spiridon” Iași, ROMANIA 2. Department of Histopathology - University Emergency Hospital “Sf. Spiridon” Iași, ROMANIA 3. Department of Surgery - University Emergency Hospital “Sf. Spiridon” Iași, ROMANIA 4. University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iași, ROMANIA</p>

Teaching Files SESSION

THURSDAY, 01.11.2018; 16.00 - 18.00
Iasi Regional Oncology Institute Hall

No.	Title	Authors
1	<i>UNUSUAL PERITONEAL AND MUSCULAR METASTASES IN AN AGGRESSIVE AND EXTENSIVE CASE OF ANAPLASTIC THYROID CANCER ON ¹⁸F-FDG PET/CT</i>	<i>E.Spinu¹, D.Piciu¹, E.Olariu¹, L.Hitu¹, G.Rusu¹, A.Piciu¹, I.Cecan¹</i> <i>1. Department of Nuclear Medicine, the Institut de of Oncology "Prof. Dr. Ion Chiricuta", Cluj-Napoca, ROMANIA</i>
2	<i>BROWN FAT AND BONE MARROW ACTIVATION IN HODGKIN LYMPHOMA</i>	<i>Ş. Bîlha¹, D. Cheţan², M.M. Guţu^{1,2,3}, C. Ştefănescu^{1,3}, A.G. Naum^{2,3}</i> <i>1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iaşi</i> <i>2. Department of Nuclear Medicine - Regional Institute of Oncology, Iaşi</i> <i>3. Department of Biophysics and Medical Physics - University of Medicine and Pharmacy U.M.F. „Grigore T. Popa” Iaşi, ROMANIA</i>
3	<i>PATHOLOGICAL UPTAKE VERSUS CONTAMINATION: SPECT WHOLE BODY, A SIMPLE SOLUTION TO THIS PROBLEM</i>	<i>T.M. Ionescu¹, C. Cîrjă¹, D. Cheţan², M. M. Guţu^{1,2,3}, C. Ştefănescu^{1,3}, A.G.Naum^{2,3}</i> <i>1.Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iaşi</i> <i>2.Department of Nuclear Medicine - Regional Institute of Oncology, Iaşi</i> <i>3.Department of Biophysics and Medical Physics - U.M.F. „Grigore T. Popa” Iaşi, ROMANIA</i>
4	<i>LYMPHOSCINTIGRAPHIC FINDINGS IN A POSSIBLE CASE OF LYMPHOEDEMA-DISTICHIASIS SYNDROME</i>	<i>L. Peţenchi¹, I. C. Grierosu^{1,2}, C. Ştefănescu^{1,2}</i> <i>1.Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iaşi, ROMANIA</i> <i>2. Department of Biophysics and Medical Physics - U.M.F. „Grigore T. Popa” Iaşi, ROMANIA</i>

5	<p style="text-align: center;">THE USEFULNESS OF COMPLEMENTARITY OF IMAGISTICS IN THE NET'S THERANOSTICS APPROACH</p>	<p>C.R Stolniceanu^{1,4}, C. Cîrjă¹, C. Ungureanu^{2,4}, M. Matovic³ A.M. Stătescu¹, C. Ștefănescu^{1,4} 1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 2. Department of Endocrinology - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 3. Center of Nuclear Medicine, Kragujevac, SERBIA 4. Department of Biophysics and Medical Physics - U.M.F „Grigore T. Popa” Iași, ROMANIA</p>
6	<p style="text-align: center;">THE ROLE OF SPECT/CT IN DIAGNOSIS OF ECTOPIC PARATHYROID ADENOMA</p>	<p>E.Spinu¹, D.Piciu¹, E.Olariu¹, L.Hitu¹, G.Rusu¹, A.Piciu¹, I.Cecan¹ 1. Department of Nuclear Medicine, the Institute of Oncology "Prof. Dr. Ion Chiricuta", Cluj-Napoca, ROMANIA</p>
7	<p style="text-align: center;">EXTRATHYROIDAL CALCITONIN SECRETING TUMOR – A CASE REPORT</p>	<p>G. Rusu¹, E. Olariu¹, E. Spinu¹, L. Hitu¹, D. Piciu¹ 1. Institutul Oncologic, "Prof. Dr. I. Chiricuta" Cluj-Napoca, ROMANIA</p>
8	<p style="text-align: center;">INTERPLAY BETWEEN SCINTIGRAPHIC EVALUATION TREATMENT PERSONALIZATION AND PROGNOSIS OF METASTATIC MALE BREAST CANCER</p>	<p>E. Chifor¹, R. Iacob¹, G. Ștefăneș¹, A.M. Stătescu¹, I. C. Grierosu^{1,2}, C. Ștefănescu^{1,2} 1. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 2. Department of Biophysics and Medical Physics - U.M.F „Grigore T. Popa” Iași, ROMANIA</p>
9	<p style="text-align: center;">¹⁸F-FDG PET/CT FOR ASSESSING TREATMENT RESPONSE IN PATIENTS DIAGNOSED WITH NODULAR SCLEROSIS HODGKIN'S LYMPHOMA DURING PREGNANCY</p>	<p>W.Jallou², M.M. Guțu^{1, 2, 3}, C. Ștefănescu^{2, 3}, A.G. Naum^{1,3} 1. Department of Nuclear Medicine - Regional Institute of Oncology, Iași 2. Department of Nuclear Medicine - University Emergency Hospital "Sf. Spiridon" Iași, ROMANIA 3. Department of Biophysics and Medical Physics -U.M.F „Grigore T. Popa” Iași, ROMANIA</p>
10	<p style="text-align: center;">POSITRON EMISSION PRODUCTION AND RADIOPHARMACEUTICAL SYNTHESIS – CYCLOTRON VISIT AND NUCLEAR MEDICINE LAB VISIT</p>	<p>Adrian Florin Spac Department of Physico-Chemistry Faculty of Pharmacy, Grigore T. Popa University of Medicine and Pharmacy, IASI</p>

ABOUT IASI

The city of Iasi offers a unique experience taking into consideration its location. Located in the North East of the country, it stretches across seven quiet hills, like Rome. Many of the important events in the history of the Romanians took place in Iasi, capital of Moldavia, for three centuries.

1. PALACE OF CULTURE

The Palace of Culture in Iasi is the headquarters of the National Museum Complex "Moldova" Iasi.

2. CATHEDRAL OF MOLDAVIA AND BUKOVINA

The Iasi Cathedral is a monumental building, the architectural style is inspired by the late Renaissance forms.

3. "THREE HOLY HIERARCHS" MONASTERY

The monastery is unique in the Romanian ecclesiastical architecture, combining Turkish, Arabic, Georgian, Armenian and Persian elements with Romanian architectural motifs in a beautiful stone lace.

4. PARK COPOU - EMINESCU'S LINDEN TREE

Eminescu's linden tree became one of Iasi landmark, being a real place for pilgrimage for romantics. Eminescu is the most famous and influential Romanian poet. The tree was already at the foundation of the park, being a relic of what was previously in these places.

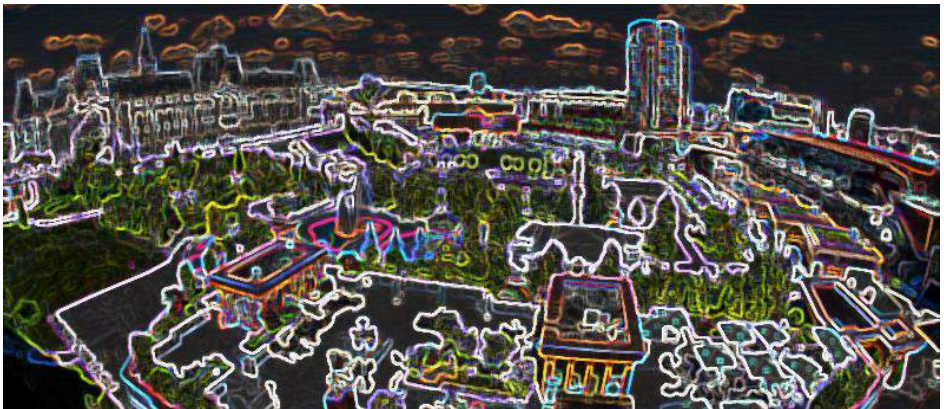
5. CITY MONASTERY (CETATUIA MONASTERY)

It is one of the most spectacular works of art in Moldova. In this place was a famous Greek printing press that printed books for all Greek space.

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IT ALL STARTED IN IASI

The first Romanian University, "Al. I. Cuza" was founded in Iasi, at the initiative of Prince Alexandru Ioan Cuza, with the support of Mihail Kogalniceanu. The current headquarters were inaugurated on October 21, 1897, in the presence of King Carol I and Queen Elizabeth.

The first Romanian National Theatre, Vasile Alecsandri National Theatre, was built in Iasi (1894-1896), according to the plans of the famous Viennese architects Fellner and Helmer.

The first Romanian monument, the Obelisk with Lions was placed in November 1834, in Copou Park, in Iasi, in gratitude to Russia and Turkey for the first law of political, legal and administrative organization, the Organic Regulation (1832).

First print on a Romanian territory, a Liturgy (1508), printed by Serbian hieromonk Macarie (now exposed at Dosoftei House).

The first Botanical Garden in the Romanian Principalities (Iasi, 1856) was founded by the physician and naturalist Anastasie Fătu. The current area is about 100 ha and includes about 2,000 species of trees, shrubs and plants from various continents. It is the largest botanical garden in Romania and one of the largest in Europe.

The first Museum of Natural History in the Romanian Principalities (Iasi, 1834) aimed to present to visitors the earthly and underground riches of Moldova as well as curiosities from other parts of the world.

The first literary memorial museum in Romania, Ion Creanga's Bojdeuca, was inaugurated in Iasi on April 15, 1918. Here he wrote his entire work: Stories, Childhood Memories.

The first Jewish theater in Romania and the world was founded in Iasi in 1876.

The first medical school in Romania, the Surgery School was founded in Iasi by Nicolae Negura and was inaugurated on 30 November 1859 with the support of Prince Alexandru Ioan Cuza.

The Great Synagogue, the first Jewish house of prayer in Romania, was built in Iasi.

George Emil Palade, the first Romanian Nobel Prize winner, was born in Iasi (1912 - 2008); In 1974 he was awarded the Nobel Prize for Physiology and Medicine.

First Ophthalmology Clinic (Iasi, 1920), being the world's first female professor at an ophthalmology clinic.

The first female surgeon from Romania, Marta Trancu-Rainer (Iasi County, 1875 - Bucharest, 1950), graduated from the Faculty of Medicine in Iasi; has performed surgery during the First World War, saving hundreds of lives;

The first female lawyer in Romania, Ella Negruzzi (Iasi County, 1876 - Bucharest, 1948), graduated from the Faculty of Law at "Alexandru Ioan Cuza" University of Iasi (1913); she was the first lawyer admitted to the Bar.

Grigore Cobalcescu (1831-1892) was the first professor of geology and mineralogy at "Alexandru Ioan Cuza" University of Iasi; member of the Romanian Academy (1886), the creator of the Romanian geology school, the initiator of geophysical researches in Romania; edited the first geology manual - "Elements of Geology for Gymnasiums" (1859); has developed the first scientific paper on geology, "Calcare de la Rapidea" (1862), both in Romanian.

The first Romanian Scientific Society - the Society of Physicians and Naturalists, was founded on March 18, 1833, in Iasi, with its headquarters in the building where in 1834 the Museum of Natural History was inaugurated.

Eduard Gruber (1861-1896) was the first Romanian researcher in the field of art psychology; was the first Romanian to have obtained the scientific title of Doctor in Psychology, Leipzig (1893); at "Alexandru Ioan Cuza" University of Iasi, founded the first laboratory of experimental psychology in Romania (1893).

The first physical chemistry treaty in Romania - published in Iasi, in four volumes, 1921-1929; the author of the treaty, Petru Bogdan, was a professor at the "Alexandru Ioan Cuza" University of Iasi, member of the Romanian Academy, the founder of the chemistry-physics school in Romania (1913).

The first laboratory of electricity in Romania, founded in 1910 at the Faculty of Sciences (transformed in 1913 in the Electrotechnical Institute), was organized by Dragomir Hurmuzescu (1865-1954), member of European scientific societies (Germany, France, member of the Romanian Academy (1916) and founding member of the Academy of Sciences of Romania.

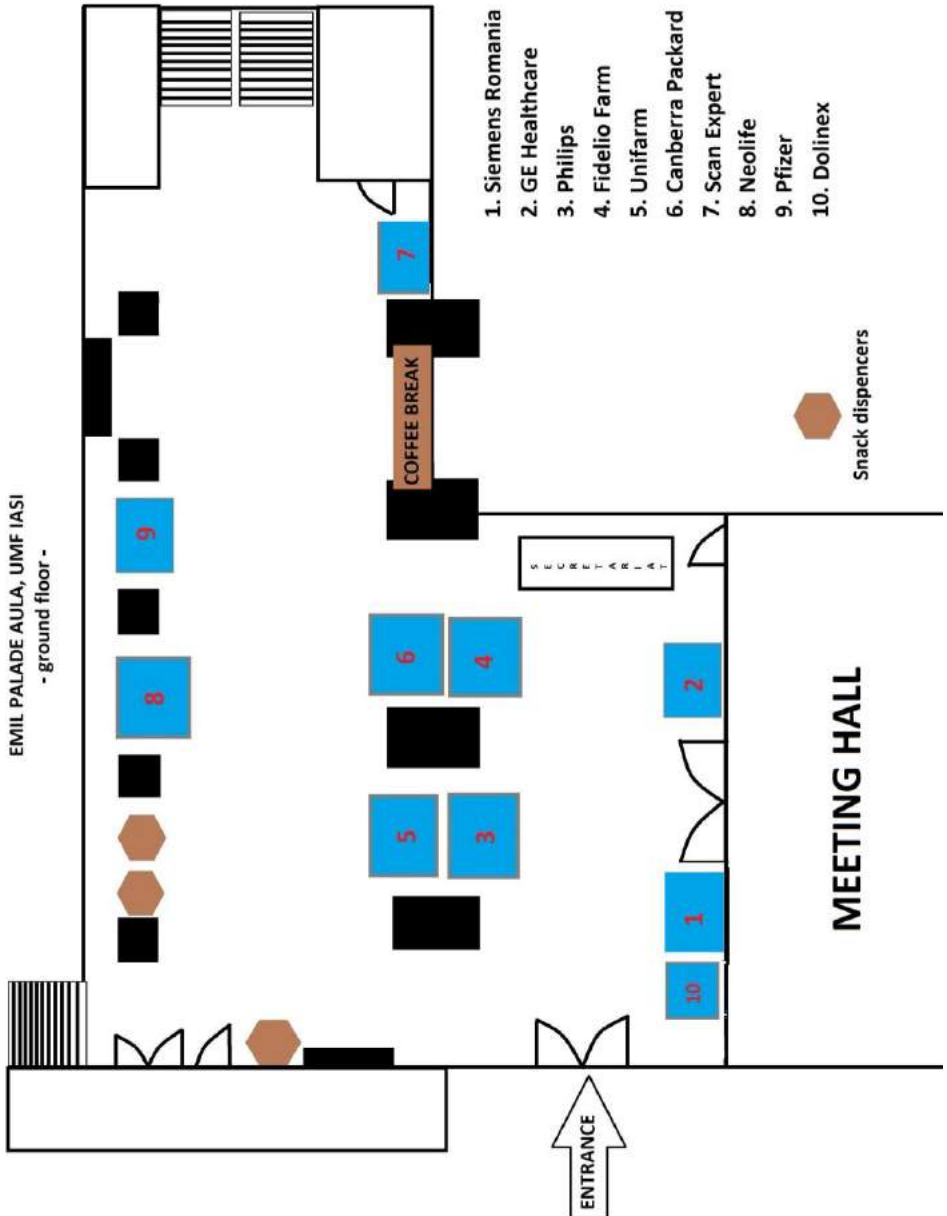
The first 3D hologram in a memorial museum in Romania - Iași, February 2012 is almost identical to Mihail Kogalniceanu (in the performance of actor Nicolae Urs). The recording can be viewed and heard at the "Mihail Kogalniceanu" Memorial Museum.

The first Romanian member of the Royal Academy of Sciences in Berlin, Dimitrie Cantemir (1673-1723) - The ruler of Moldavia (Iasi, 1710-1711) became, in July 1714, a member of the Royal Academy of Sciences in Berlin. The dialogues of Plato - "Divanul" or "The Galaxy of the Wise with the World" or "Giudetul sufletului cu corpul" (Iasi, 1698) are some of the remarkable works, thanks to which Dimitrie Cantemir is the humanist Moldovan and European ruler of science and literature of all time.

The first Romanian operetta, "Baba Harca" (text, Matei Millo), whose music was composed by violinist, teacher, composer and orchestra chief, Alexandru A. Flechtenmacher (1823, Iasi - 1898, Bucharest), was presented for the first time at the Great Theater in Iasi.



EXHIBITION MAP – GROUND FLOOR



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