

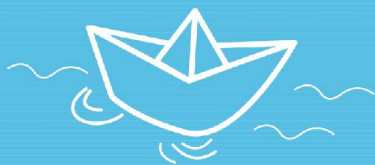


6th EUROPEAN SYMPOSIUM ON  
PAEDIATRIC  
NUCLEAR  
MEDICINE  
MAY 22-25 2008

Under the auspices of

PAEDIATRIC COMMITTEE OF THE EUROPEAN  
ASSOCIATION OF NUCLEAR MEDICINE  
SOCIETAT CATALANA DE MEDICINA NUCLEAR

Park Hotel San Jorge  
Platja d'Aro  
Girona (Spain)



<http://6esopnm.thesaurus.net>

[6sopnm@thesaurus.net](mailto:6sopnm@thesaurus.net)



**THURSDAY, MAY 22nd, 2008**

**ARRIVAL**

**SCHEDULE**

13:30 - 15:00	Arrival of the participants  <b>Registration:</b> Final programme, congress DVD and documents delivery.  Lunch
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**SUNDAY, MAY 25th, 2008**

**DEPARTURE**

**SCHEDULE**

	Morning: Departure of the participants  <b>Buses</b> to Barcelona / Girona Airport
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**THURSDAY, MAY 22nd, 2008**

**SCIENTIFIC PROGRAMME**

**SCHEDULE**

15:00 - 16:00	<b>Invited lecture – Controversy Treatment of hyperthyroidism: role of radioiodine treatment</b> <b>M. Luster – S. Clarke</b> Experts: M. Clemente, D. De Palma Chairperson: I. Carrió
16.00 – 16.30	Coffee-break
16.30 - 17.30	<b>Interactive session</b> <b>Thyroid cancer management in children and adolescents</b> <b>M.Luster</b> Experts: S. Clarke, J. Castell
17.30 – 18.00	<b>Invited lecture</b> <b>Dosimetry in thyroid cancer management</b> <b>M.Lassman</b> Chairperson: M. Rossleigh
18.00 - 19.00	<b>Poster session / meet the authors</b> Chairpersons: A. Boubaker, S. Agudé
20:30	Welcome Catalan Dinner



**FRIDAY, MAY 23rd, 2008**

**SCIENTIFIC PROGRAMME**

**SCHEDULE**

08:30 - 09:00	<b>Invited lecture</b> <b>The frusomide test in the third millennium</b> <b>A. Hilson</b> Chairperson: Lorenzo Biassoni
09:30 - 10:30	<b>Invited lecture – Controversy</b> <b>Imaging in UTI</b> <b>P.Zucchetto - G.Montini</b> Experts: JM. Garat, A. Madrid
10:30 - 11:00	Coffee-break
11:00 - 12:30	<b>Oral session / meet the authors: Nephro-Urology</b> Chairpersons: M. Majkovic, D. De Palma
12:30 - 13:30	<b>Poster session / meet the authors</b> Chairpersons: P. Zucchetto, J. Zaknun
13:30 - 14:30	Lunch



**FRIDAY, MAY 23rd, 2008**

**SCIENTIFIC PROGRAMME**

**SCHEDULE**

14:30 - 16:00	<b>Interactive session</b> <b>Renal scintigraphy</b> <b>F. Gungor</b> Experts: R. Sixt, A. Piepsz, I.Gordon
16:00	Excursion to the Jewish borough ("Call") of Girona
20:30	Dinner



**SATURDAY, MAY 24th, 2008**

**SCIENTIFIC PROGRAMME**

**SCHEDULE**

08:30 - 09:30

**Interactive session**

**Challenges in paediatric FDG-PET/CT:**

**M. Gelfand, H. Nadel, M. Parisi**

Experts: M. Parisi, T. Lynch

09:30 - 10:30

**Interactive session**

**PET/CT in paediatric oncology : clinical impact**

**Martin Charron**

Experts: C. Franzius, C. Sabado

10:30 - 11:00

Coffee-break

11:00 - 12:30

**Oral session / meet the authors: Paediatric Oncology**

Chairpersons: C. Franzius, T. Lynch

12:30 - 13:30

**Poster session / meet the authors**

Chairpersons: Rune Sixt, P. Galofré

13:30 - 15:00

Lunch



**SATURDAY, MAY 24th, 2008**

**SCIENTIFIC PROGRAMME**

**SCHEDULE**

15:00 - 16:30	<b>Interactive session</b> <b>Nuclear Medicine in Neuro-oncology</b> <b>L. Borgwardt</b> Experts: F. Lomeña, J. Arbizu
16:00 - 16:30	Coffee-break
16:30 - 18:00	<b>Interactive session:</b> <b>Nuclear Medicine in benign bone diseases</b> <b>H. Nadel (Bone scan), J. Stauss (PET)</b> Experts: A. Boubaker, C. Vaylet
18:00 - 18:30	<b>Closure</b> <b>D. de Palma, I. Roca</b>
20:30	Farewell Dinner - Delivery of prizes



## GENERAL INFORMATION

### **CHAIRMAN OF THE PAEDIATRIC COMMITTEE EUROPEAN ASSOCIATION OF NUCLEAR MEDICINE**

Diego de Palma

### **SECRETARY OF THE SYMPOSIUM**

Isabel Roca

### **ORGANIZING COMMITTEE**

S. Aguadé  
J. Castell  
G. Encabo  
C. Lorenzo  
M. Negre  
F. Porta  
B. Soriano

### **SCIENTIFIC COMMITTEE**

D. De Palma  
L. Biassoni  
A. Boubaker  
A. Eskild-Jensen  
C. Franzius  
I. Gordon  
F. Gungor  
T. Lynch  
T. Pfluger  
A. Piepsz  
R. Sixt  
J. Stauss  
M. Vlajkovic





## GENERAL INFORMATION

### SCIENTIFIC SECRETARIAT

Address:

6th European Symposium on Paediatric Nuclear Medicine

Servei de Medicina Nuclear

HU Vall d'Hebron

08035 - BARCELONA

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### SYMPOSIUM VENUE

May 22-25, 2008

Park Hotel San Jorge

17251 PLATJA D'ARO

GIRONA - SPAIN

Phone +34 972 652311

Fax +34 972 652576



## GENERAL INFORMATION

### SCIENTIFIC INFORMATION

#### ORAL SESSIONS

Lecture time will be 8 minutes, plus discussion.

#### POSTER SESSIONS

The posters will be exhibited throughout the Symposium.  
During the poster session, the author will present the summary of his / her presentation (1-2 minutes).

Papers will be published in the Congress DVD.  
Official language for scientific sessions: English

### PUBLICATION

All the participants will receive a DVD with the contents of the Symposium.

Other copies will be available at the Symposium Secretariat (opened throughout the duration of the meeting at the congress venue).  
The congress DVD includes the contents of the previous Symposia (3rd to 5th), as well as photos of the past meetings.



## GENERAL INFORMATION

### REGISTRATION

All the participants will receive their documentation at arrival at the Symposium Secretariat - Park Hotel San Jorge.

### ON SITE REGISTRATION

Symposium Secretariat at  
Park Hotel San Jorge  
17251 PLATJA D'ARO  
GIRONA - SPAIN  
Phone +34 972 652311  
Fax +34 972 652576

### SCIENTIFIC SESSIONS

Thursday, May 22nd, 2008	15:00 - 19:00
Friday, May 23rd, 2008	08:30 - 16:00
Saturday, May 24th, 2008	08:30 - 18:30



## GENERAL INFORMATION

### SCIENTIFIC PROGRAMME

The programme includes 5 half-a-day sessions (with controversy, and interactive sessions as well as oral and poster presentations) the following topics:

- Thyroid in children: Hyperthyroidism, Thyroid Cancer Management and Dosimetry
- The frusomide test in the Third Millennium
- Imaging of Urinary Tract Infection
- Challenges of paediatric PET-CT: technique, interpretation and clinical impact
- Neuro-Oncology
- Benign Bone Diseases

The invited lectures and the interactive sessions will be given by nuclear medicine experts in collaboration with clinicians.

### ALL THE ACCEPTED PAPERS WILL BE PRESENTED AS POSTERS AND EXPOSED THROUGHOUT THE MEETING

Daily, poster discussion will take place during the poster sessions formally with chairperson and short oral poster presentation or or informally, with the authors, during the coffee-breaks. Some posters, selected by the scientific committee (topic, clinical interest) will also be presented during the oral presentation sessions.



## GENERAL INFORMATION

### REGISTRATION FEES

INSCRIPTION MEMBER*	490 €
INSCRIPTION NON MEMBER	580 €
PHYSICIAN IN TRAINING**	400 €
TECHNOLOGIST**	400 €
ACCOMPANYING PERSON	190 €

\*member of the EANM, SCMN, SEMN

\*\* with certificate

3 days, including:

bus shuttle from and to Barcelona and Girona Airports  
(exclusively on Thursday and Sunday morning)

scientific sessions

congress DVD

coffee-breaks

3 lunches in Park Hotel San Jorge

### ACCOMODATION FEES

PARK HOTEL SAN JORGE **** single	420 €
PARK HOTEL SAN JORGE **** double, per person	360 €
HOTEL CIUTAT DE PALOL *** single	280 €
HOTEL CIUTAT DE PALOL *** double, per person	200 €

3 days, including:

Room and Breakfast in the choosed hotel

Dinners in Park Hotel San Jorge

(including gala dinner on Saturday night)



## GENERAL INFORMATION

### **SOCIAL PROGRAMME**

#### **THURSDAY, May 22nd 2008**

Bus from Barcelona / Girona Airport (morning)  
Registration at the Congress Venue  
Lunch  
Scientific session  
Welcome Dinner

#### **FRIDAY, May 23rd 2008**

Scientific session  
Lunch  
Scientific session  
Excursion: the Jewish quarter "Call" of Girona  
Bus in front of the Park Hotel at 16:00  
guided visit, free  
registration needed (Thursday) at the Symposium Desk  
Dinner

#### **SATURDAY, May 24th 2008**

Scientific session  
Lunch  
Scientific session  
Farewell Dinner with closing remarks  
and delivery of prizes

#### **SUNDAY, May 25th 2008**

Bus to Barcelona / Girona Airport  
Lunch



## GENERAL INFORMATION

### GENERAL INFORMATION

The congress venue is located 110 km in the North of Barcelona, in the Costa Brava, between Platja d'Aro, Calonge and Palamos. The hotel is built on the coast, in the middle of an 8 km coast of rocks, pine trees and small beaches, with a fantastic «camino de Ronda», a path running along the side of the sea.

There is 1 1/4 hour trip by motorway between Barcelona and the congress venue.

Please note that the REGISTRATION FEES include:

- the scientific sessions
- 3 lunches and coffee-breaks (Thursday, Friday and Saturday)
- 2 bus shuttle between Barcelona / Girona Airport and the Hotel, on Thursday and on Sunday morning (the timetable will be sent to the registered participants).
- A DVD which includes the lectures, interactive sessions, and oral presentations or poster contents.

Everyone interested in Paediatric Nuclear Medicine will have the possibility to live together for 3 days in a pleasant atmosphere and a wonderful environment.

The meeting room has a limited capacity, for 175 people, which is convenient for lots of active participation.

Close to the congress venue, there is a \*\*\*Hotel Ciutat de Palol just 10 minutes walking distance.

**THE NUMBER OF PARTICIPANTS IS LIMITED TO A STRICT CHRONOLOGICAL ARRIVAL OF THE REGISTRATION FEES.**



## GENERAL INFORMATION

### PRIZES

The organization will award the following prizes:

- poster with highest clinical relevance / Scientific Committee Award
  - free registration fee - 7th ESOPNM
- most interesting poster / popular election
- poster with most beautiful images / popular election
- funny poster / popular election
  - books, surprise prizes





**THURSDAY, MAY 22nd, 2008**

**SCIENTIFIC PROGRAMME**

**15:00 – 19:00**

- 15:00 - 16:00 **Invited lecture – Controversy  
Treatment of hyperthyroidism:  
role of radioiodine treatment**  
**M. Luster – S. Clarke**  
Experts: A. Carrascosa, D. De Palma  
Chairperson: I. Carrió
- 16:00 - 16:30 Coffee-break
- 16:30 - 17:30 **Interactive session**  
**Thyroid cancer management in children and adolescents**  
**M.Luster**  
Experts: S. Clarke, J. Castell
- 17:30 - 18:00 **Invited lecture**  
**Dosimetry in thyroid cancer management**  
**M.Lassman**  
Chairperson: M. Rossleigh



18:00 - 19:00

**Poster session / meet the authors**

Chairpersons: A. Boubaker, S. Aguadé

- P-MISC1** **Free vascularized fibular grafting (FVFG) for femoral head osteonecrosis: SPECT-CT, bone viability and femoral perfusion**
- 36 C. Garcá Fontecha, I. Roca, M. Aguirre, M. Boronat, M. Negre, S. Rossi, S. Aguadé, J. Castell. Servicio de Medicina Nuclear, Servicio de Ortopedia Pediátrica<sup>1</sup>. Hospital Universitario Vall d'Hebron, Barcelona.
- P-MISC2** **A rational approach to the imaging of children with congenital hypothyroidism.**
- 21 D. De Palma, \*A. Salvatoni, \*M. Deliana, S. Garancini. U.O. of Nuclear Medicine, and \*Pediatrics, H Circolo, Varese
- P-MISC3** **Congenital Hypothyroidism and dysghormonogenesis: perchlorate discharge test with 123I**
- 35 A. Mestre-Fusco<sup>1</sup>, P. Ventura<sup>2</sup>, I. Roca Bielsa<sup>1</sup>, M. Albisu<sup>2</sup>, S. Aguadé-Bruik<sup>1</sup>, A. Carrascosa<sup>2</sup>, J. Castell-Conesa<sup>1</sup>. 1Department of Nuclear Medicine and 2Department of Paediatrics Endocrinology, Hospital Universitari Vall d'Hebron, Barcelona, Spain
- P-MISC4** **Feasibility of the pinhole spect in thyroid paediatric pathology**
- 33 M. Hesse<sup>1</sup>, S. Walrand<sup>2</sup>, G. Demonceau<sup>1</sup>. Dept of Nuclear Medicine, 1. AZSE Zottegem , and 2 University of Louvain, Belgium
- P-MISC5** **Evaluation of patients suffering from cystic fibrosis with perfusion and ventilation scintigraphy**
- 18 P. Ö. Kiratlı<sup>1</sup>, M. Tuncel<sup>1</sup>, M. Aslan<sup>1</sup>, E. Yalcin<sup>2</sup>, M. Kose<sup>2</sup>, U. Özcelik<sup>2</sup>. 1. Nuclear Medicine, 2. Pediatric Chest Disease, Hacettepe University, Ankara, Türkiye
- P-MISC6** **Evaluation of right ventricle function, pulmonary microcirculation, lung perfusion in children with pulmonary hypertension associated with congenital heart disease**
- 41 Zavadovsky K.W., Lishmanov Yu.B., Ivanov S.N. Institute of Cardiology. Russia, Tomsk, Kievskaya str. 111A
- P-MISC7** **Correlation between respiratory function tests, scintigraphy and high-resolution computed tomography findings in patients with cystic fibrosis**
- 19 P. Ö. Kiratlı<sup>1</sup>, M. Tuncel<sup>1</sup>, M. Aslan<sup>1</sup>, E. Yalcin<sup>2</sup>, B. Oguz<sup>3</sup>, M. Kose<sup>2</sup>, M. Haliloglu<sup>3</sup>, U. Özcelik<sup>2</sup>. 1. Nuclear Medicine, 2. Pediatric Chest Disease, 3. Radiology, Hacettepe University, Ankara, Türkiye
- P-MISC8** **Radionuclide diagnostic of arrhythmogenic myocardium dysfunction in patients with ventricular tachyarrhythmia**
- 42 K.W. Zavadovsky, I.A. Kovalev, A.A. Chemishov , S.M. Minin, Yu.B. Lishmanov. Institute of Cardiology. Russia, Tomsk, Kievskaya str. 111A



**P-MISC9 Pulmonary hipoplasia in congenital diaphragmatic hernia**

- 37 M. Boronat, I. Roca, A. Castelló<sup>1</sup>, S. Gartner<sup>1</sup>, A. Moreno<sup>1</sup>, N. Cobos<sup>1</sup>, M. Negre, S. Rossi, S. Agudé, J. Castell. Service of Nuclear Medicine, <sup>1</sup>Paediatric Pneumology and Cystic Fibrosis, Hospital Universitari Vall d'Hebron, Barcelona, SPAIN.

**P-MISC10 Gastric emptying rate and its relation with microalbuminuria in children with type 1 diabetes mellitus**

- 6 \*Betül Ersoy, \*\*Eivan Bilgin, \*\*\*Sule Can, \*Vildan Urk, \*\*Dilek Batok, \*Ozge Yilmaz, \*Muzaffer Polat . \*Department of Pediatrics, \*\*Department of Nuclear Medicine, Celal Bayar University, School of Medicine, MANISA, TURKEY, \*\*\*Department of Pediatrics, Te

**P-MISC11 The efficiency of currently introduced interpretation methods in the evaluation of gastroesophageal reflux (ger) scintigraphy**

- 17 Pinar Özgen Kiratlı, Murat Tuncel, Tamer Aksoy, Murat Fani Bozkurt. Hacettepe University Medical Faculty Department of Nuclear Medicine, Ankara, Türkiye

**P-MISC12 Sequential dosing salivagrams to increase the sensitivity for the detection of pulmonary aspiration in children**

- 32 L. Lahti, JM Cahill, M Piert. University of Michigan Medical Center. Ann Arbor, MI

**P-MISC13 The positive impact of 68-Ga-DOTATOC PET-CT in diagnostic workup of an unusual case of a juvenile tumor induced osteomalacia.**

- 16 Barbara Fueger<sup>1</sup>, Gabriele Haeusler<sup>2</sup>, Michael Freilinger<sup>2</sup>, Azadeh Hojreh<sup>3</sup>, Maria Sluga<sup>4</sup>, Anton Staudenherz<sup>1</sup>. <sup>1</sup>Univ. Clinic for Nuclear Medicine, <sup>2</sup>Univ. Clinic of Paediatrics, <sup>3</sup>Univ. Clinic for Radiology, <sup>4</sup>Univ. Clinic of Orthopedic Surgery, Medical Univers

**P-MISC14 Bone scintigraphy in paediatric patients, with cat scratch disease**

- 1 C. Paulsen, P. Riquelme, G. Donoso, G. Lobo, D. Gutiérrez, A. Pérez, C. Jiménez. Nuclear Medicine Service, San Juan de Dios Hospital (SJDH) – Universidad de Chile

**P-MISC15 Role of nuclear medicine in intractable seizures: a case report**

- 46 Susan Gironella-Camomot. Department of Nuclear Medicine. St. Luke's Medical Center. 279 E. Rodriguez Sr. Boulevard. 1102 Quezon City, Philippines



- 08:30 - 09:00 **Invited lecture**  
**The frusomide test in the third millennium**  
**A. Hilson**  
Chairperson: Lorenzo Biassoni
- 09:30 - 10:30 **Invited lecture – Controversy**  
**Imaging in UTI**  
**P.Zucchetta - G.Montini**  
Experts: JM. Garat, A. Madrid
- 10:30 - 11:00 Coffee-break



11:00 - 12:30 **Oral session / meet the authors: Nephro-Urology**  
Chairpersons: M. Vljakovic, D. De Palma

- O-REN01** **Inter-observer reproducibility in reporting on Tc-99m DMSA scintigraphy in children. A wide collaborative study**
- 22** M. Tondeur 1, H. Ham2, D. De Palma3, I. Roca4, A. Piepsz1. CHU St Pierre, Brussels, Belgium1 (Coordinating Center), University Hospital Ghent, Belgium2, Ospedale di Circolo, Varese, Italy3, Vall d'Hebron Hospital, Barcelona, Spain4
- O-REN02** **Inter-observer reproducibility in reporting on renal drainage obtained during Tc-99m MAG3 renography. A wide collaborative study**
- 23** M. Tondeur 1, H. Ham2, D. De Palma3, I. Roca4, A. Piepsz1. CHU St Pierre, Brussels, Belgium1 (Coordinating Center), University Hospital Ghent, Belgium2, Ospedale di Circolo, Varese, Italy3, Vall d'Hebron Hospital, Barcelona, Spain5
- O-REN03** **The role of indirect radionuclide cystography in the management of endoscopically treated vesicoureteral reflux**
- 29** G. Ciofetta (1), M.C.Garganese (1), N.Capozza (2), F.M.Marracino (1), G.Masi (1), F.Baldari (1), R.Marongiu (1), L.Consilia (1). (1) Nuclear Medicine Unit, (2) Pediatric Urology Unit. Paediatric Hospital "Bambino Gesù", Rome, Italy.
- O-REN04** **A rational approach to the imaging of children with acute pyelonephritis without malformative uropathies.**
- 20** D. De Palma, \*S. Binda, \*F. Pellegrini, °G. A. Manzoni. U.O. of Nuclear Medicine, \*Pediatrics, and °Pediatric Urology Section, H Circolo, Varese
- O-REN05** **Comprehensive IAEA platform-independent software for the analysis of "dynamic radioisotope nephrogram": A step towards harmonisation**
- J. Zaknun. Nuclear Medicine, IAEA, Vienna.



**12:30 – 13:30 Poster session / meet the authors**

Chairpersons: P. Zucchetta, J. Zaknun

- P-REN01 Inter-observer reproducibility in reporting on Tc-99m DMSA scintigraphy in children. A wide collaborative study**
- 22 M. Tondeur 1, H. Ham2, D. De Palma3, I. Roca4, A. Piepsz1. CHU St Pierre, Brussels, Belgium1 (Coordinating Center), University Hospital Ghent, Belgium2, Ospedale di Circolo, Varese, Italy3, Vall d'Hebron Hospital, Barcelona, Spain4
- P-REN02 Inter-observer reproducibility in reporting on renal drainage obtained during Tc-99m MAG3 renography. A wide collaborative study**
- 23 M. Tondeur 1, H. Ham2, D. De Palma3, I. Roca4, A. Piepsz1. CHU St Pierre, Brussels, Belgium1 (Coordinating Center), University Hospital Ghent, Belgium2, Ospedale di Circolo, Varese, Italy3, Vall d'Hebron Hospital, Barcelona, Spain5
- P-REN03 The role of indirect radionuclide cystography in the management of endoscopically treated vesicoureteral reflux**
- 29 G. Cofetta (1), M.C.Garganese (1), N.Capozza (2), F.M.Marracchio (1), G.Masi (1), F.Baldari (1), R.Marongiu (1), L.Consilia (1). (1) Nuclear Medicine Unit, (2) Pediatric Urology Unit. Paediatric Hospital "Bambino Gesù", Rome, Italy.
- P-REN04 A rational approach to the imaging of children with acute pyelonephritis without malformative uropathies.**
- 20 D. De Palma, \*S. Binda, \*F. Pellegrini, °G. A. Manzoni. U.O. of Nuclear Medicine, \*Pediatrics, and °Pediatric Urology Section, H Circolo, Varese
- P-REN05 Comprehensive IAEA platform-independent software for the analysis of "dynamic radioisotope nephrogram": A step towards harmonisation**
- J. Zaknun. Nuclear Medicine, IAEA, Vienna.
- P-REN06 Radionuclide evaluation of treatment outcome in children with dysfunctional voiding**
- 38 M. Vlaičković, I S. Ilić, I M. Rajić, IG. Lilić 2 A. Slavković, 3 V. Petronijević, 4V. Artiko. 1Department of Nuclear Medicine, Clinical Center Niš, Serbia



- P-REN07 Correlation between clinical and laboratory findings and Tc-99m DMSA scintigraphy in the localization of urinary infection**
- 24 Gamze Çapa Kaya\*, Özlem Özdemir\*\*, Yusuf Demir\*, İbrahim Yılmaz Taşkıran\*\*, Mustafa Bak\*\*.  
\*Dokuz Eylül University, School of Medicine, Department of Nuclear Medicine, \*\*Dr. Behçet Uz Children's Hospital, İzmir Turkey.
- P-REN08 Attenuation correction of kidney counts in renal scintigraphy**
- 31 M. Šámal1, J. Kubinyi1, P. Steyerová2, D. Kotalová1, J. Daneš2. Departments of Nuclear Medicine1, Radiology2, and Radiation Protection3, First Faculty of Medicine, Charles University Prague and General Teaching Hospital in Prague, Salmovská 3, CZ-120 00 P
- P-REN09 Utility of Initial <sup>99m</sup>Tc-MAG3 Diuretic Renography in the Prediction of Obstruction in Unilateral Neonatal Hydronephrosis: Role of Differential Function and Renogram Patterns.**
- 44 Saeed S1, Roca I2, Kalska L3, Bouyoucef SE 4, Alvarado N5, Kumar R6, Bernal P7, Orellana P8, Nazrenko S10, Rajabi HS11, Baquedano P12, Padhy AK13.
- P-REN10 Mag3 diuretic scintigraphy (F+30) in evaluation of prenatally detected hydronephrosis**
- 4 S. Grbac-Ivanović, N. Grotto, A. Smokvina. Department of Nuclear Medicine, Clinical Hospital Centre Rijeka, Croatia
- P-REN11 Arithmetic or geometric mean – what's the deal in DMSA renal scintigraphy?**
- 15 Barbara Fueger and Anton Staudenherz. Univ. Clinic of Nuclear Medicine – AKH, Medical University of Vienna, Austria-1090 Vienna, Waehringuer Guertel 18-20
- P-REN12 The validity of the inoue method of gfr determination in pediatric population**
- 27 C. A. G. Carbonell, A. Ong-Ortiz, V. P. C. Magboo, G. F. L. Goco, J. S. Toledo; St. Luke's Medical Center, E. Rodriguez Avenue, Quezon City, Philippines



- P-REN13**    **The value of  $^{99m}\text{Tc}$  -DMSA scintigraphy in children with vesicoureteral reflux**
- 43    Zawadovsky K.V., Ermolaeva Yu. A.\*, Ivanov S.N., Lishmanov Yu.B.
- P-REN14**    **Late second rise on the renogram curve after a F-15 diuresis renography**
- 3    A Guensji, A Matrane1, H Sibai2, M. Kebbou1. 1 Department of Nuclear Medicine, 2 Pediatric Surgery Department, Ibn Rochd UH, Casablanca, Morocco
- P-REN15**    **The pivotal and complementary role of ace-inhibitor renal DTPA and DMSA scintigraphy in elucidating causes and guiding subsequent management of hypertension in a child**
- 30    Aini AB AZIZ. Radiology Dept, Medical Faculty, Universiti Kebangsaan Malaysia (UKM) Cheras 56000. Kuala Lumpur, MALAYSIA
- P-REN16**    **Clinical Management Strategy in children with Neonatal Hydronephrosis**
- 45    Saeed S1, Roca I2, Kalska L3, Bouyoucef SE 4, Alvarado N5, Kumar R6, Bernal P7, Orellana P8, Nazrenko S10, Rajabi HS11, Baquedano P12, Padhy AK13
- P-REN17**    **The role of nursing care in direct isotopic cystography of the paediatric patient**
- 39    E. López, S. García, M. Borrull, M. Ramiro, J. Fuertes, A. García-Burillo, I. Roca. Gamma Delfos, Barcelona. SPAIN.





**FRIDAY, MAY 23rd, 2008**

**SCIENTIFIC PROGRAMME**

**14:30 – 16:00**

14:30 - 16:00

**Interactive session**

**Renal scintigraphy**

**F. Gungor**

Experts: R. Sixt, A. Piepsz, I.Gordon



**SATURDAY, MAY 24th, 2008**

**SCIENTIFIC PROGRAMME**

**08:30 – 10:30**

- 08:30 - 09:30 **Interactive session**  
**Challenges in paediatric FDG-PET/CT:**  
**M. Gelfand, H. Nadel, M. Parisi**  
Experts: M. Parisi, T. Lynch
- 09:30 - 10:30 **Interactive session**  
**PET/CT in paediatric oncology : clinical impact**  
**Martin Charron**  
Experts: C. Franzius, C. Sabado
- 10:30 - 11:00 Coffee-break



**11:00 - 12:30 Oral session / meet the authors: Paediatric Oncology**  
 Chairpersons: C. Franzius, T. Lynch

- O-ONC01 Utility of diagnostic 123I-whole body scan (WBS) after rH-TSH in children and adolescents affected by differentiated thyroid carcinoma**  
 M.C. Garganese (1), A. Grossi (2), R. De Vito (3), M. Cappa (2), F. Baldari (1), G. Masi (1) and G. Ciofetta (1). (1) Nuclear Medicine Unit, (2) Endocrine and Diabetes Unit, (3) Pathology Unit, "Bambino Gesù" Paediatric Hospital, Rome, Italy  
 26
- O-ONC02 FDG-PET in children lymphoma.**  
 M. Carena (1), M. Zecca (2), E. Cossalter (1), T. Mina (2), C. Cugno (2), F. Locatelli (2) (1) Salvatore Maugeri Foundation Care and Research Institute. Scientific Institute of Pavia, Pavia, ITALY; (2) Paediatric Oncoematology, IRCCS Policlinico S. Matteo,  
 28
- O-ONC04 Paediatric osteosarcoma and ewing's sarcoma: characterization of lung nodules by mean (18F)-FDG-PET/CT**  
 A. Cistaro<sup>1</sup>, M. Berta<sup>2</sup>, A. Brach del Prever<sup>3</sup>, C. De Filippi<sup>2</sup>, G. Di Rosa<sup>2</sup>, M. Mancini<sup>1</sup> 1Positron Emission Tomography IRMET S.p.A., 2Operative Unit of Radiology, 3Onco-Hematology Department, Regina Margherita Infant Hospital, Turin, Italy  
 12
- O-ONC06 Characterisation of lesions of unknown origin in paediatric patients: role of PET-CT**  
 A.Cistaro<sup>1</sup>, L. Gastaldo<sup>2</sup>, M. Bianchi<sup>3</sup>, F. Fagioli<sup>3</sup>, M. Mancini<sup>1</sup> 1. Positron Emission Tomography IRMET S.p.A., Turin, Italy, 2. Department of Paediatric Sciences, Regina Margherita Infant Hospital, Turin, Italy, 3. Onco-Hematology Department, Regina Marghe  
 14
- O-ONC07 Preliminary experience using PET-CT in pediatric bone and soft tissue tumors**  
 HR Nadel, AT Byrne, M Webber, KLB Brown B.C. Children's Hospital 4480 Oak Street Vancouver, British Columbia, V6H 3V4  
 34
- O-ONC09 Prognostic impact of early response evaluation using I-123-MIBG and bone scintigraphy in children with stage IV neuroblastoma.**  
 V. Jlic (1), R.-E. Garcia (2), J.-O. Prior (1), M. Beck-Popovic (2), A. Bischof Delaboye (1), A. Boubaker (1) (1) Service of Nuclear Medicine, (2) Pediatric Oncology. Centre Hospitalier Universitaire Vaudois and University of Lausanne, Switzerland  
 40



12:30 - 13:30

**Poster session / meet the authors**

Chairpersons: R.Sixt, P. Galofré

- P-ONC01 Utility of diagnostic 123I-whole body scan (WBS) after rH-TSH in children and adolescents affected by differentiated thyroid carcinoma**  
**26** M.C. Garganese (1), A. Grossi (2), R. De Vito (3), M. Cappa (2), F. Baldari (1), G. Masi (1) and G. Ciofetta (1). (1) Nuclear Medicine Unit, (2) Endocrine and Diabetes Unit, (3) Pathology Unit, "Bambino Gesù" Paediatric Hospital, Rome, Italy
- P-ONC02 FDG-PET in children lymphoma.**  
**28** M. Carena (1), M. Zecca (2), E. Cossalter (1), T. Mina (2), C. Cugno (2), F. Locatelli (2) (1) Salvatore Maugeri Foundation Care and Research Institute. Scientific Institute of Pavia, Pavia, ITALY; (2) Paediatric Oncoematology, IRCCS Policlinico S. Matteo,
- P-ONC03 F-18 FDG PET in children: do we have enough counts?**  
**9** Pieter Hoste, Giel De Vriendt, Peter Smeets, Andre Dobbeleir, Humphrey Ham, Ingeborg Goethals. Department of Nuclear Medicine, Ghent University, Belgium
- P-ONC01 Utility of diagnostic 123I-whole body scan (WBS) after rH-TSH in children and adolescents affected by differentiated thyroid carcinoma**  
**26** M.C. Garganese (1), A. Grossi (2), R. De Vito (3), M. Cappa (2), F. Baldari (1), G. Masi (1) and G. Ciofetta (1). (1) Nuclear Medicine Unit, (2) Endocrine and Diabetes Unit, (3) Pathology Unit, "Bambino Gesù" Paediatric Hospital, Rome, Italy
- P-ONC02 FDG-PET in children lymphoma.**  
**28** M. Carena (1), M. Zecca (2), E. Cossalter (1), T. Mina (2), C. Cugno (2), F. Locatelli (2) (1) Salvatore Maugeri Foundation Care and Research Institute. Scientific Institute of Pavia, Pavia, ITALY; (2) Paediatric Oncoematology, IRCCS Policlinico S. Matteo,
- P-ONC03 F-18 FDG PET in children: do we have enough counts?**  
**9** Pieter Hoste, Giel De Vriendt, Peter Smeets, Andre Dobbeleir, Humphrey Ham, Ingeborg Goethals. Department of Nuclear Medicine, Ghent University, Belgium



- P-ONC07 Preliminary experience using PET-CT in pediatric bone and soft tissue tumors**
- 34 [HR Nadel](#), AT Byrne, M Webber, KLB Brown B.C. Children's Hospital 4480 Oak Street Vancouver, British Columbia, V6H 3V4
- P-ONC08 F-18 FDG PET in children: standard uptake values (SUV) in normal tissue**
- 10 Ciel De Vriendt, Pieter Hoste, Peter Smeets, André Dobbeleir, [Hamphrey Ham](#), Ingeborg Goethals. Department of Nuclear Medicine, Ghent University Hospital, Belgium
- P-ONC09 Prognostic impact of early response evaluation using I-123-MIBG and bone scintigraphy in children with stage IV neuroblastoma.**
- 40 V. Illic <sup>(1)</sup>, R.-E. Garcia <sup>(2)</sup>, J.-O. Prior <sup>(1)</sup>, M. Beck-Popovic <sup>(2)</sup>, A. Bischof Delaloye <sup>(1)</sup>, [A. Boubaker](#) <sup>(1)</sup> (1) Service of Nuclear Medicine, (2) Pediatric Oncology. Centre Hospitalier Universitaire Vaudois and University of Lausanne, Switzerland
- P-ONC10 (18F)FDG-PET/CT metabolic characterisation of lung nodules in paediatric patients**
- 11 [A. Citaro](#)1, L. Gastaldo2, A. Brach del Prever3, G. Di Rosa4, C. De Filippi4, M. Mancini1. 1Positron Emission Tomography IRMET S.p.A., 2Department of Paediatric Sciences, 3Onco-Hematology Department, 4Operative Unit of Radiology, Regina Margherita Infant
- P-ONC11 18-F-FDG PET/CT in 10 children and adolescents with Hodgkin Lymphoma and NHL: Initial Experience in primary Staging and Follow-up of Childhood Lymphomas**
- 7 Gomez Segovia I, Gallowitsch H, Igerc I, Kohfürst S, Matschnig S, Maier J, Lobnig M, Lind P. Department of Nuclearmedicine and Endocrinology - PET Center , LKH Klagenfurt , Austria
- P-ONC12 Differentiated thyroid carcinoma in children**
- 2 [A. Guensi](#), A. Matrane, H. Ouarab, H. Kandil, M. Kebbou. Department of nuclear medicine, CHU Ibn Rochd Casablanca, Morocco
- P-ONC13 Thyroid carcinoma presented as enlarged painful cervical lymph node**
- 25 Amra Jakubović, Čičkušić, University Clinical Centre Tuzla Department of Nuclear medicine. Bosnia and Herzegovina
- P-ONC14 Differentiated thyroid carcinoma in children: epidemiology and long term follow-up**
- 47 [Negre M](#), Simó M, Roca I, Boronat M, Dellepiane F, Aguadé S, Castell J. Serv. Medicina Nuclear. HU Vall Hebron. Barcelona.



**SATURDAY, MAY 24th, 2008**

**SCIENTIFIC PROGRAMME**

**15:00 – 18:30**

- 15:00 - 16:30 **Interactive session**  
**Nuclear Medicine in Neuro-oncology**  
**L. Borgwardt**  
Experts: F. Lomeña, J. Arbizu
- 16:00 - 16:30 Coffee-break
- 16:30 - 18:00 **Interactive session:**  
**Nuclear Medicine in benign bone diseases**  
**H. Nadel (Bone scan), J. Stauss (PET)**  
Experts: A. Boubaker, C. Vaylet
- 18:00 - 18:30 **Closure**  
**D. de Palma, I. Roca**