

**14TH INTERNATIONAL SYMPOSIUM ON RADIONUCLIDES IN NEPHROUROLOGY
& THE IAEA REGIONAL TRAINING COURSE ON RADIONUCLIDES IN NEPHROUROLOGY**

ISCORN - INTERNATIONAL SCIENTIFIC COMMITTEE ON RADIONUCLIDE NEPHROUROLOGY

PREVIOUS MEETINGS

1967	Liege	Belgium
1971	New York	USA
1974	Berlin	Germany
1977	Boston	USA
1981	London	UK
1986	Lausanne	Switzerland
1989	Williamsburg	USA
1992	Chester	UK
1995	Santa Fe	USA
1998	Copenhagen	Denmark
2001	Monterey	USA
2004	La Baule	France
2007	Antalya	Turkey

VENUE OF 2010 MEETING

Hotel Galant
Mlýnská 2, CZ-692 01 Mikulov
Czech Republic, www.galant.cz
e-mail: hotel@galant.cz
phone: +420 519 323 353



*nearest airports:
Brno, Vienna,
Bratislava, Prague,
Budapest;
transfer to Mikulov
by train and shuttle
buses*

GENERAL INFORMATION

Deadlines

Submission of abstracts	15 February 2010
Notification of acceptance	15 March 2010
Early registration	23 March 2010
Advanced registration	10 April 2010

Publication

Accepted abstracts will be published in the symposium abstract book. Selected state-of-the-art lectures will be published in the journal Seminars in Nuclear Medicine.

Symposium language

English

Registration fees

Registration fee includes access to scientific and social programme of the symposium and all-inclusive hotel accommodation from Tuesday 11 May to Saturday 15 May 2010. Registration of accompanying persons includes access to social programme of the symposium and all-inclusive hotel accommodation from Tuesday 11 May to Saturday 15 May 2010. Social programme for accompanying persons includes sight-seeing tours in Southern Moravia (for details please visit www.iscorn2010.cz).

Registration

→ payment before 23 March 2010	790 €
→ payment before 10 April 2010	875 €
→ later and on-site registration	960 €
<i>Accompanying persons</i>	
→ registration	400 €
→ social programme – payment before 10 April 2010	120 €
→ later and on-site payment	145 €

CONTACTS

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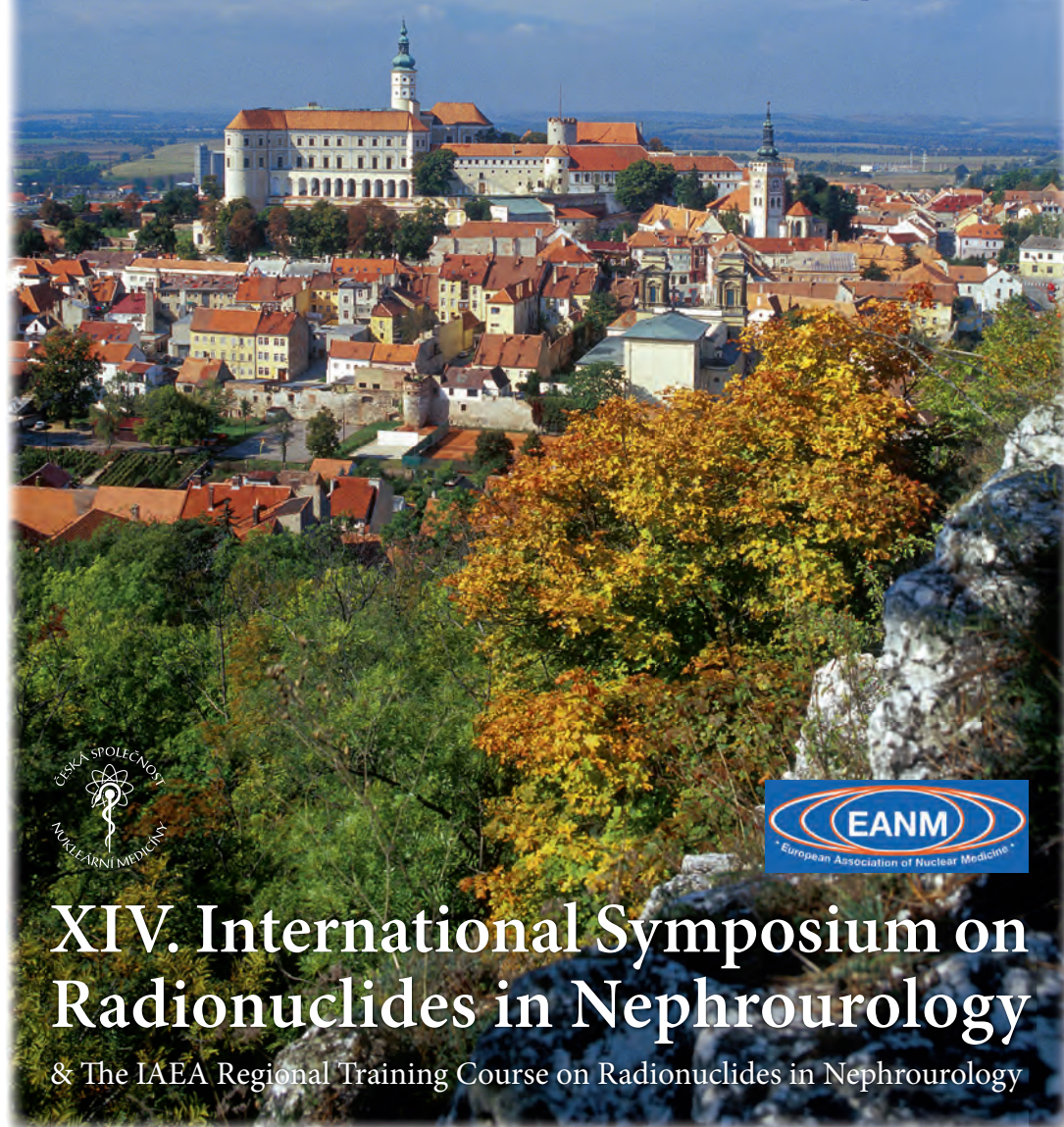
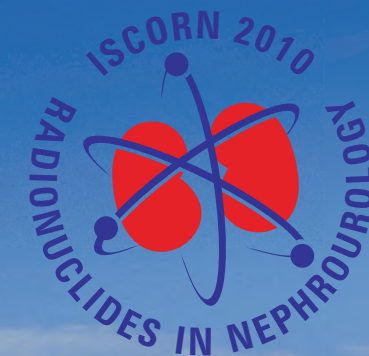
2010 symposium information

ISCORN web page
scientific program
local organization of the IAEA regional training course
local organization of the symposium

11–14 May 2010
Mikulov, Czech Republic

HOTEL GALANT

www.iscorn.org www.iscorn2010.cz



**XIV. International Symposium on
Radionuclides in Nephrourology**
& The IAEA Regional Training Course on Radionuclides in Nephrourology



**14TH INTERNATIONAL SYMPOSIUM ON RADIONUCLIDES IN NEPHROUROLOGY
& THE IAEA REGIONAL TRAINING COURSE ON RADIONUCLIDES IN NEPHROUROLOGY**

SCIENTIFIC PROGRAMME

MONDAY 10 MAY 2010 (IAEA COURSE ONLY)

- 17:00–19:00 **IAEA course opening** (*M. Dondi, J. Zaknun, J. Kubinyi*)
17:00–17:15 Welcome/Introduction *J. Kubinyi (Prague)*
17:15–18:15 IAEA lecture – aims and projects *M. Dondi (IAEA), J. Zaknun (IAEA)*
18:15–19:15 Pre-course MCQ test *J. Zaknun (IAEA)*
19:30 *dinner*

TUESDAY 11 MAY 2010 (IAEA COURSE ONLY)

- 08:30–10:00 **Physiology and pathophysiology of the kidney** (*A. Prigent*)
08:30–09:20 Physiology of the kidney *A. Prigent (Paris)*
09:20–10:00 Pathophysiology of the kidney: role of the kidney in regulation of extracellular volume and hypertension *V. Certikova (Prague)*
10:00–10:30 *coffee break*
10:30–12:30 **Radionuclide examinations in nephrology and urology** (*E. Durand*)
10:30–11:30 Radionuclide methods in vitro (clearances) *E. Durand (Paris)*
11:30–12:30 Quantitative methods in renography *R. S. Lawson (Manchester)*
12:30–14:00 *lunch*
14:00–16:00 **Radionuclide methods with pharmacological intervention** (*Z. Szabo*)
14:00–15:00 Molecular basis for pharmacological interventions *Z. Szabo (Baltimore, MD)*
15:00–16:00 Radionuclide methods in hydronephrosis *J. Frokiaer (Aarhus)*
16:00–16:30 *coffee break*
16:30–18:30 **Presentation of the IAEA renal analysis software** (*J. Zaknun*)
16:30–17:30 The IAEA renal analysis software project: aims and results *J. Zaknun (IAEA)*
17:30–18:30 Workshop: demonstration of the IAEA renal analysis software *J. Zaknun (IAEA)*
19:30 *symposium opening, welcome party*

WEDNESDAY 12 MAY 2010

- 08:30–10:30 **Radionuclide methods in paediatric nephrourology – I** (*A. Piepsz*)
08:30–08:50 Obstructive uropathy in infants – guidelines of EAU/ESPU *R. Kocvara (Prague)*
08:50–09:30 Towards a definition of obstruction *P. Mouriquand (Lyon)*
09:30–10:00 Answers from nuclear medicine *A. Piepsz (Brussels)*
10:00–10:30 Panel discussion *R. Kocvara, P. Mouriquand, A. Piepsz*
10:30–11:00 *coffee break*
11:00–12:30 **Radionuclide methods in paediatric nephrourology – II** (*J. Frokiaer*)
11:00–11:20 Cortical renal scintigraphy: established usefulness in febrile UTI evaluation and future developments *D. DePalma (Varese)*
11:20–12:00 The results of the randomized Swedish study of high grade reflux *S. Hansson (Gothenburg)*
12:00–12:30 Panel discussion *J. Frokiaer, D. DePalma, S. Hansson*
12:30–14:00 *lunch*
14:00–16:00 **Radionuclide methods in nephrourology – I** (*Z. Szabo*)
14:00–14:30 Renal imaging with PET *Z. Szabo (Baltimore, MD)*
14:30–15:00 PET/CT imaging and radioimmunotherapy of prostate cancer *K. Bouchelouche (Copenhagen)*
15:00–15:30 New PET radiopharmaceuticals: targeting the L-amino acid transport system *J. Frokiaer (Aarhus)*
15:30–16:00 New single-photon radiopharmaceuticals for renal scintigraphy *A. Taylor (Atlanta, GA)*
16:00–16:30 *coffee break*
16:30–18:30 **Radionuclide methods in nephrourology – II** (*A. Eskild-Jensen*)
16:30–16:50 Renal tissue tracer transit: a basic parameter for better understanding of renal disease?
J. H. Clorius (Heidelberg)

- 16:50–17:20 Renal tissue tracer transit in hydronephrosis: pathophysiology and clinical utility
A. Schlotmann (Freiburg)
17:20–17:50 Renal protection and toxicity related to peptide receptor radionuclide therapy using somatostatin analogues: long term results in over 500 patients *V. Prasad, R. Baum (Bad Berka)*
17:50–18:10 Percutaneous transluminal angioplasty of renal arteries *J. Peregrin (Prague)*
18:10–18:30 The role of nuclear medicine in renal transplantation: enhancing the identification of renoprotective treatment modalities for improved renal function following kidney transplantation *T. Herrler (Munich)*
19:30–20:30 *dinner*
20:30–22:00 **Fireside session on the past and the future of radionuclide nephrourology**
M. D. Blaufox, M. Dondi, E. Dubovsky, A. Piepsz, A. Taylor and guests

THURSDAY 13 MAY 2010

- 08:30–10:30 **Radiologic imaging of renal structure and function with CT, MR, US** (*N. Grenier*)
08:30–09:00 Glomerular filtration rate with MDCT *L. Juillard (Lyon)*
09:00–09:30 Measurement of differential renal function and GFR with MR imaging *N. Grenier (Bordeaux)*
09:30–10:00 BOLD and diffusion MRI of the kidney: a diagnostic and/or prognostic tool?
P. V. Prasad (Chicago, IL)
10:00–10:30 Renal perfusion measurement with US contrast agents *E. Quaia (Trieste)*
10:30–11:00 *coffee break*
11:00–12:30 **Radiology versus nuclear medicine** (*E. Durand*)
11:00–11:30 Nuclear medicine versus radiology: general considerations (image characteristics, dosimetry)
E. Durand (Paris)
11:30–12:00 Toxicity of contrast agents *N. Grenier (Bordeaux)*
12:00–12:30 New imaging agents *P. Chaumet-Riffaud (Paris)*
12:30–14:00 *lunch*
14:00–15:30 **Free communications – posters (meet the author session)**
16:00–21:00 *conference trip, dinner*

FRIDAY 14 MAY 2010

- 08:30–10:30 **Renal software, expert systems, and structured reporting – I** (*A. Taylor*)
08:30–08:40 Introduction *A. Taylor (Atlanta, GA)*
08:40–09:00 What parameters should be measured and why & QC (clinician's view) *A. Piepsz (Brussels)*
09:00–09:20 What parameters should be measured and why & QC (researcher's view) *M. Samal (Prague)*
09:20–10:10 Structured reporting for diuresis renography in adults *A. Taylor (Atlanta, GA)*
10:10–10:30 Structured reporting for diuresis renography in children *A. Piepsz (Brussels)*
10:30–11:00 *coffee break*
11:00–12:30 **Renal software, expert systems, and structured reporting – II** (*M. D. Blaufox*)
11:00–11:10 Introduction *M. D. Blaufox (New York, NY)*
11:10–11:55 Expert systems for suspected obstruction *A. Taylor (Atlanta, GA)*
11:55–12:30 Panel discussion *M. D. Blaufox, A. Piepsz, M. Samal, A. Taylor*
12:30–14:00 *lunch*
14:00–16:00 **Renal analytic software – examples and solutions** (*D. DePalma*)
14:00–14:30 IAEA software presentation *J. Zaknun (IAEA)*
14:30–15:00 Clinical experience with HERMES renal software *M. Rehling (Aarhus)*
15:00–15:20 Renogram processing – the Manchester method *R. S. Lawson (Manchester)*
15:20–15:40 Fractional uptake rate revisited – theory and clinical validation *M. Samal (Prague)*
15:40–16:00 QC of gamma camera method for measurement of renal function *D. DePalma (Varese)*
16:00–16:30 *coffee break*
16:30–18:30 **Read with the experts** (*B. Erbas*)
16:30–17:30 Read with the experts – I *A. Eskild-Jensen (Aarhus)*
17:30–18:30 Read with the experts – II *B. Erbas (Ankara)*
18:30–19:30 MCQ test (IAEA course only) (*J. Zaknun, J. Kubinyi*)
20:30 *symposium closing, conference dinner*