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Abstracts of
3rd International Conference on
Radiopharmaceutical Therapy
(ICRT-2009)
Cartagena, Colombia
3-7 November 2009





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World Journal of Nuclear Medicine

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Ana Maria Robles (1946-2009)

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Cover Photograph:

A sculpture of a salt miner in front of the Underground Salt Cathedral at Zipaquira, near Bogota (Colombia) Photo Credit: Prof. A.K. Padhy



PROGRAMME

INTERNATIONAL CONFERENCE ON RADIOPHARMACEUTICAL THERAPY (ICRT-2009)

CARTAGENA, COLOMBIA, 3-7 NOVEMBER 2009

THE POSTERS WILL BE ON DISPLAY ON ALL DAYS. THE PARTICIPANTS ARE REQUESTED TO FIX THEIR POSTERS ON 3RD NOVEMBER AND REMOVE THEM ON 7th NOVEMBER 2009

Tuesday: 3	November 2	009		
Whole Day		Participants start arriving		
0900-2100		Registration		
2000-2100		Executive Council Meeting of WRPTC		
2000 2000				
2000-2300		Informal get-together and Dinner		
Wednesday:4 November 2009				
0800-1600		Registration continues		
0800-1015	Abstract No	Scientific Session-1		
		Opening & Thyroid I		
		Chairpersons: Prof. JH Turner (Australia), P	rof. A. Ellmann (South Africa)	
0000 0015				
0800-0815		Opening Remarks:		
		Dr. Patricia Bernal Trujillo, Chairman, Organizin	g Committee	
		Prof. Richard Baum, Chairman, Scientific Comm	ittee	
0815-1015		Prof. Ajit Kumar Padhy, Chairman, WRPTC Invited Lecture		
0815-0845	1			
0013-00-3		Creativity and motivation: A Necessity for Advancing Research and Healthier Life	Prof. AH Elgazzar (Kuwait)	
0845-0925	2	I-131 Therapy of Thyroid Cancer	Prof. St. 1 C. 11 and Green	
0925-0955	3	"Equivalence randomised stratified control	Prof. Stanley Goldsmith (USA)	
		Trial in Remnant Ablation of DTC"	Prof C C Pol (India)	
0955-1015	4	Thyroid antibodies and Differentiated Thyroid	Prof. C.S. Bal (India) Prof. J. Mihailovic (Serbia)	
		Cancer	Fioi. J. Milianovic (Serbia)	
		Proffered Presentations		
		Poster Presentations		
		(To be viewed and discussed during the coffee l	preak at 1015-1100 hrs TODAV	
		(04/11/09)	The second secon	
	5	Clinical experience with recombinant human	Dr. Zvezdana Rajkovaca	
		thyrotrophin in the radioiodine treatment of	(Bosnia and Herzegivina)	
		patients with differentiated thyroid cancer on		
		L-thyroxine		
	6	Use of recombinant TSH (r-TSH) stimulation for	Dr. Partha S Choudhury, et al (India)	
		treatment of bone metastasis & follow-up in		
		differentiated thyroid carcinoma:		

	work in progress.	
7	The level of carcinogenic risk after radioiodine	Dr. Tatiana Hadjieva, et al (Bulgaria)
	ablation for low risk group papillary thyroid	
	cancer	
8	Effect of low dose radioiodine therapy in	Dr. Farid Alam, et al. (Bangladesh)
4.	differentiated thyroid carcinoma	
9	Enhanced sensitivity of lesion detection by	Dr. Kelvin Loke, et al (Singapore)
	performing delayed I-131 whole body scanning	
	beyond the standard 48 hr scan protocol in	
	patients of metastatic differentiated thyroid cancer	
	treated with rhTSH (Thyrogen) intervention	
10	FRAX assessment of Osteoporotic fracture	Dr. Butch Magsombol,
	probability in patients of differentiated thyroid	Dr. Kelvin Loke, et al (Singapore)
	cancer on Thyroid hormone suppressive therapy	Di. Reivin Loke, et al (Singapore)
	cancer on Thyroid normone suppressive therapy	
11	Scintigraphic profile of thyroid diseases in	Dr. Joseph Francis Nwatsock, et al
11	Yaounde	(Cameroun)
12	Thyroid cancer imaging: Are we missing nodules	
12	with high resolution collimator and limiting	Prof. AH Elgazzar, et al (Kuwait)
12	pinholes studies to anterior view only?	D C W 11 11 10 1 10
13	The influence of treatment of Subclinical	Dr. Grzegorz Kaminski, et al (Poland)
	Hyperthyroidism with radioiodine on achievement	
	of euthyroid state, thyroid volume and level of Sex	
	Hormone Binding Globulin.	
		Top realize
14	Radioiodine therapy in childhood thyroid cancer	Dr. Abu-Taher Muhammad
		(Bangladesh)
15	The role of high resolution neck ultrasound in	Dr. S. Frangos, et al. (Cyprus)
	combination with thyroglobulin measurement in	
	the wash-out fluid from the fine needle aspiration	
	of neck lesions (FNAB-Tg) in patients with	
	differentiated thyroid carcinoma and positive or	
	negative Iodine-131 whole body scintigraphy.	
16	Effect of Levothyroxine suppressive therapy on	Dr. Faria Nasreen, et al (Bangladesh)
	bone mineral density in patients with well-	
	differentiated thyroid carcinoma	
17	Thyroid cancer in Latvia: Review of statistical	Dr. Antra Bergina, et al. (Latvia)
	data and some management problems	
18	Is Measuring of 131I Thyroid Uptake Using	Dr. Milovan Matovic, et al (Serbia)
	Gamma Camera Reliable Enough?	
19	Persistent and unusual combination of negative	Dr. Butch Magsombol, et al
		(Singapore)
	metastases in a patient with metastatic follicular	
	carcinoma of thyroid	
20	Clinical Significance of Serial Measurements of	Dr. Shazia Fatima, et al. (Pakistan)
	Serum Thyroglobulin & Thyroglobulin Antibodies	(unibuli)
	In Differentiated Thyroid Cancer Patients	
21	Radioiodine Treatment Complications in Mother	Dr. Abbas Takavar, et al. (Iran)
.Visi(8)	and Child in Patients with Differentiated Thyroid	Z 10005 Tukuvai, et ai. (IIali)
	Carcinoma	
22	Evaluation of the efficacy of low and high dose	Dr. Abbas Takavar, et al. (Iran)
	radioiodine therapy for ablation	Di. Audas Takavai, et al. (Iran)
23	Predictive value of TSH levels after 131-I	Dr. Poval Bookey (Bulgaria)
43	Tredictive value of 15ri levels after 151-1	Dr. Pavel Bochev (Bulgaria)

	24	treatment of patients with Grave's disease Diagnostic Value of Serum Thyroglobulin in Differentiated Thyroid Carcinoma Patients to Monitor Persistence or Recurrence Disease Umbilical cord blood TSH values in neonates for screening of congenital hypothyroidism	Dr. Aisyah Elliyanti (Indonesia) Dr. Ansari M.I.H, et al. (Bangladesh)
1015-1100		Networking, Posters & Coffee Break Poster Coordinators: Dr. Mohd. Aleem Khan, I ALL POSTERS FROM SCIENTIFIC SESSION DISCUSSED	
1100-1300		Scientific Session-2 Thyroid:II Chairpersons: Dr. Omar Alonso (Uruguay), Dr. E.	Barrenechea (Philippines)
1100-1125	26	Invited Lectures Radioiodine-negative, Somatostatin-Receptor PET-negative Thyroid Cancer: Current Status and Developments	Prof. Roy Moncayo (Austria)
1125-1150 1150-1215	27 28	Paediatric Thyroid Cancer "rhTSH stimulated radioiodine therapy of metastatic differentiated thyroid cancer, an off- label use: Initial experience"	Prof. Isabel Roca (Spain) Prof. C.S. Bal (India)
1215-1240	29	Radioiodine Therapy of Benign Thyroid Disorders Targeted Radiotherapy and Radiobiology	Prof. A. Klissarova (Bulgaria) Dr. Maria Neves (Portugal)
1240-1300	30		Di. Hara reves (1 oragar)
1300-1400	30	Lunch	Di Mana Neves (1 Stragar)
	30		
1300-1400	30	Lunch Scientific Session-3 Neuroendocrine Tumours-1	
1300-1400	31 32	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal	
1300-1400 1400-1550	31	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal Radionuclide Therapy. An update on our experience with Peptide Receptor Radiotherapy (PRRT) in	G. Wiseman (USA) Dr. Mikolajczak Renata (Poland)
1400-1425 1425-1450	31 32	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal Radionuclide Therapy. An update on our experience with Peptide	G. Wiseman (USA) Dr. Mikolajczak Renata (Poland) Prof. H. R. Maecke (Switzerland)
1400-1425 1425-1450 1450-1520	31 32 33	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal Radionuclide Therapy. An update on our experience with Peptide Receptor Radiotherapy (PRRT) in Neuroendocrine Tumours (NETs) Lanreotide-based Diagnosis and Treatment of Cancer Patients: Current Status, Indications,	G. Wiseman (USA) Dr. Mikolajczak Renata (Poland) Prof. H. R. Maecke (Switzerland) Prof. R. P. Baum (Germany)
1400-1425 1425-1450 1450-1520 1520-1550	31 32 33	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal Radionuclide Therapy. An update on our experience with Peptide Receptor Radiotherapy (PRRT) in Neuroendocrine Tumours (NETs) Lanreotide-based Diagnosis and Treatment of Cancer Patients: Current Status, Indications, Future Directions". Coffee Break Scientific Session-4 Neuroendocrine Tumours-2 Chairpersons: Prof. R. Moncayo (Austria), Dr. N.	G. Wiseman (USA) Dr. Mikolajczak Renata (Poland) Prof. H. R. Maecke (Switzerland) Prof. R. P. Baum (Germany) Prof. Roy Moncayo (Austria)
1300-1400 1400-1550 1400-1425 1425-1450 1450-1520 1520-1550	31 32 33	Lunch Scientific Session-3 Neuroendocrine Tumours-1 Chairpersons: , Dr. Savvs Frangos (Cyprus), Prof. Invited Lectures Chemical aspects of labelling octreotides The Targeting of G-protein Coupled Receptors with Radiopeptides for Imaging and Internal Radionuclide Therapy. An update on our experience with Peptide Receptor Radiotherapy (PRRT) in Neuroendocrine Tumours (NETs) Lanreotide-based Diagnosis and Treatment of Cancer Patients: Current Status, Indications, Future Directions". Coffee Break Scientific Session-4 Neuroendocrine Tumours-2	G. Wiseman (USA) Dr. Mikolajczak Renata (Poland) Prof. H. R. Maecke (Switzerland) Prof. R. P. Baum (Germany) Prof. Roy Moncayo (Austria)

	1700-1720	37	imaging tracers vs. 177Lu-based therapy. Treatment of neuroendocrine tumors with radiolabeled peptide: The Chilean Experience	Prof. Horacio Amaral (Chile)
	1720-1800		Proffered Papers (Oral Presentations) Oral Presentations	
		38	Survival benefits and efficacy of Peptide Receptor Radionuclide Therapy (PRRT) using Y-90/Lu-177 DOTA-TATE in Pancreatic Neuroendocrine Tumors (pNET)	Prof. R. P. Baum, et al. (Germany)
		39	Comparison between clinical results of PRRT with 90Y-DOTA TATE and 90Y/177Lu- DOTATATE	Dr. Jolanta Kunikowska, et al (Poland)
	*	40	Ensayos preclínicos del 177lu-dota-minigastrina para su potencial uso en prrt (Preclinical trial of Lu-177-dota-minigastrin for potential use in prrt)	López Bularte A.C, Puerta Yepes N, Nevares N, Zapata M, Rojo A.M, Crudo J (Argentina).
		41	Tratamiento de tumores neuroendocrinos (tne) con péptidos análogos de la somatostatina marcados con radionucleidos (Treatment of neuroendocrine tumors (TNE) with peptides of somatostatine labelled with radionuclides)	Horacio Amaral, Rossana Pruzzo, Cecilia Gil, Irene Coudeu, Hugo Lavados, Francisca Redondo, Bárbara Morales (Chile)
			Poster Presentation	
			(To be viewed and discussed during the coffee b	reak at 1015-11 am on 04/11/09)
		42	Effectivness of treatment of gastroenteropancreatic non-functioning neuroendocrine tumours consisted of Sandostatin LAR® after 90Y - and/or 177Lu - DOTA-TATE	Dr. Norbert Szalus, et al. (Poland)
		43	therapy. Peptide receptor radionuclide therapy in neuroendocrine tumors: preliminary results in 18 cases treated with 90Y-DOTATOC	Dr. Lutfun Nisa, et al (Bangladesh)
		44	Preparation of [18F] containing neurotensine- derived peptides	Dr. Horvath Geza, et al (Denmark)
		45	I-131 MIBG Imaging in the Diagnosis of Pheochromocytoma: 'Philippine Setting'	Dr. Erik Cruz, et al. (Philippines)
	1800-1900		WRPTC Members' Assembly	
	All partic	ipants of ICR	T-2009 and ALASBIMN Congress are defacto mem attend this Assembly and contribute to the proc	bers of WRPTC and are welcome to seedings
_	1900-2000 2000-2300		FREE TIME	or house order of allow the same
	2000-2300		Oenophilous Dinner	Cartagena Club
(Control	Thursday: 5	November 2		SERVICES .
			Scientific Session-5 (Plenary with ALASBIMN C ALASBIMN Opening & Combined Plenary with Chairpersons: , Prof. I. Mena (Chile), Prof. S. G	ALASBIMN
	0800-0815		ALASBIMN Opening	Dr. Patricia Bernal (Colombia)
	0815-0850	46	Contribution of nuclear medicine in early breast cancer: from ROLL (Radioguided Occult Lesion Localization) to IART® (Intra-operative	Prof. Giovanni Paganelli (Italy)

0850-0930 47	Avidination for Radionuclide Therapy PET/CT in Lung Cancer and Oncology Guidelines Prof. R. Baum (Germany) - Has it Become a Must?	
0930-1030	Networking, Posters & Coffee Break Poster Session Coordinator: Dr. Shazia Fatima (Pakistan), Dr. Antra Berzeina (Latvia)	
	ALL POSTERS FROM SCIENTIFIC SESSIONS-5, 6,7and 8 WILL BE VIEWED AND DISCUSSED	
1030-1300	Scientific Session-6 Radiosynovectomy & Bone Pain Palliation Chairpersons: Dr. S. Srivastava (USA), Prof. AH Elgazzar (Kuwait)	
	Invited Lectures	
1030-1055 48	Radionuclide therapy of bleeding joints in Dr. E. Barrenechea (Philippines) Haemophilia: A review	
1055-1120 49	Radiosynoviorthesis (RSO): influencing factors Dr. K. Liepe (Germany) and therapy monitoring	
1120-1145 50	Treating bone metastases use of radionuclides in Dr. J. Buscombe (UK) combination with other therapies	
1145-1210 51	Results of autoradiographic uptake of Re-188- Dr. K. Liepe (Germany) HEDP	
1210-1235 52	Metabolic Radionuclide Therapy of Metastatic Bone Pain Using 89 SrCl (Metastron) - Review Prof. A. Klissarova (Bulgaria)	
	and Perspectives Proffered Presentations	
1235-1300	Oral Presentation	
53	Metabolic Radionuclide Therapy in Painful Bone Dr. Zhivka Dancheva (Bulgaria) Metastases with 89SrCl: Better Patients' Selection for Therapy	
54	Knowing people, caring for persons, not just Morales R, Cano R, Mendoza G treating pain: 15 years delivering radionuclides to (Peru) palliate bone pain.	
55	Radiosinoviolis (rsnv) con Re188-coloide en sinovitis villonodular (svn) recidivante de rodilla. Experiencia clinico terapeutica (Radiosynoviolisis (rsnv) with Re 188 colloid in synovitis villonodular (snv) recidivant of knee. Experience clinical and therapuetical) Alvaro Calderon, Augusto Llamas Olier, Humberto Varela, Amelia de los Reyes, Maria Cristina Martinez, Emperatriz Angarita, Nidia Delgado, Rada, César Villamil. Camilo Soto Javier Alejandro Estévez(Colombia)	
56	Estudio biocinético y dosimétrico de un kit de producción local de 177lu-edtmp para su uso como agente paliativo del dolor. (Biokinetic study and dosimetry evaluation of Lu-177 EDTMP for use in the palliative treatment of bone pain) Nancy Puerta Yepes, Juan Horacio Pérez, Noemí Nélida Nevares, Alfredo Miguel Zapata, Ana Clarisa López Bularte, Ana María Rojo, Sebastián Gossio, José Luis Crudo (Argentina)	
	Poster Presentations (To be viewed and discussed during the coffee break at 9.30-10.30 am on 5/11/09)	
57	153Sm-oxabiphore radionuclide therapy combined Prof. Valeriy Krylov, et al. (Russia) with external beam radiation therapy (8Gy) in breast cancer patients with bone metastases	
58	Therapeutic Response of Radiosynovectomy with Dr. Pei-yong LI (China, PR) 32P Colloid in Haemophilic Synovitis of	

		Adolescents	
	59	Development of a New 131I-Labelled	Dr. Alejandro Perera (Cuba)
		Bisphosphonic Acid for Palliative Therapy of	
	60	Metastatic Bone-Pain.	B
	00	Radionuclide Therapy in Patients	Dr. R. Mititelu (Romania)
		with Painful Bone Metastases due to prostate	
	61	Carcinoma. Efficacy of Strontium-89 Chloride Is radiosynoviorthesis of medium and small joints	De Otalan Kara I
	01	in patients with rheumatoid arthritis effective?	
		in patients with meanatold arthritis enective:	(Czech Republic)
	62	Effect of combined Samarium-153 and adjuvant	Dr. S. Barai (India)
		analgesic therapy for pain palliation in patients	Di. S. Barar (mura)
		with skeletal metastases	
	63	The duration of pain free period after Sm-153	Dr. N. Rasulova (Uzbekistan)
		EDTPM palliative treatment of skeletal bone MTS	(
		in patient moderate severity of bone pain in	
		comparison to group of patient with severe to	
		intolerable pain.	
	64	Possibility of using Tc99m (V) DMSA in	Dr. Vladimir Lyubshin, et al.
		assessment to treatment response of patients with	(Uzbekistan)
	65	gastro intestinal stromal tumor.	
	03	Bone pain from osteoblastic metastases	Dr. Fahid Ibrar, Dr. Baber Juniad
			(Pakistan)
1300-1400		Lunch	
1400 1600		S. 10 S. 1	
1400-1600		Scientific Session-7	
		Liver Concer & Missellansons	
		Chairpersons: Prof. Azu Ovannyanna (Kuwait) De	Kant Line (Comme)
		Liver Cancer & Miscellaneous Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr	Knut Liepe (Germany)
			. Knut Liepe (Germany)
		Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr	. Knut Liepe (Germany)
1400-1430	66	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people?	. Knut Liepe (Germany) Prof. J. Stare (Slovenia)
1430-1450	67	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting	
		Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting Targeted Liver Tumor Therapy with	Prof. J. Stare (Slovenia)
1430-1450 1450-1520	67 68	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting Targeted Liver Tumor Therapy with Radioembolization	Prof. J. Stare (Slovenia) Prof. D.K. Hazra (India)
1430-1450	67	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting Targeted Liver Tumor Therapy with Radioembolization A perspective on WRPTC: We may not change	Prof. J. Stare (Slovenia) Prof. D.K. Hazra (India)
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1430-1450 1450-1520 1520-1550	67 68 69	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting Targeted Liver Tumor Therapy with Radioembolization A perspective on WRPTC: We may not change the world, but we can make a small difference Oral Presentations Evaluación de la eficacia terapéutica de un complejo mixto 188re(v)-oxo como potencial	Prof. J. Stare (Slovenia) Prof. D.K. Hazra (India) Prof. G. Wiseman (USA) Prof. A.K. Padhy (Singapore) S. Fernández, J. Giglio, M. Terán, M. Incerti, C. Agorio, A.
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1430-1450 1450-1520 1520-1550	67 68 69	Chairpersons: Prof. Azu Owunwanne (Kuwait), Dr Invited Lectures Statistics don't lie – do people? Recent advances in radioconjugate targeting Targeted Liver Tumor Therapy with Radioembolization A perspective on WRPTC: We may not change the world, but we can make a small difference Oral Presentations Evaluación de la eficacia terapéutica de un complejo mixto 188re(v)-oxo como potencial agente para terapia de melanoma (Evaluation of the therapeutic efficacy of Re-188(V) - oxo like	Prof. J. Stare (Slovenia) Prof. D.K. Hazra (India) Prof. G. Wiseman (USA) Prof. A.K. Padhy (Singapore) S. Fernández, J. Giglio, M. Terán, M. Incerti, C. Agorio, A.
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		experience and the state of the art".	
1715-1745	73	Radioimmunotherapy of Prostate Carcinoma	Prof. Stanley Goldsmith (USA)
		Proffered Presentations	
		Poster Presentations	
		(To be viewed and discussed during the coffee b	reak at 0930-1030 am on 05/11/09)
	74	Development of 177Lu- Dendrimer-Anti-CD20 : preliminary studies	Dr. Marcos Tassano, et al. (Urugyay)
	75	Development of 153Sm-DTPA-Rituximab for radioimmunotherapy	Dr. Amir R Jalilian, et al (Iran)
	76	177-Lu-Anti-CD20 monoclonal antibody: A potential radiopharmaceutical for treatment of non-Hodgkin's lymphoma	Dr. Paola Audicio, et al (Uruguay)
	77	Sterically stabilized 177Lu de DTPA-Liposomes and 177Lu DTPA-Liposomes: development of labeling procedure and biologic evaluation	Dr. Mirel Cabrera, et al. (Uruguay)
	78	177Lu –Bevacizumab: a novel therapeutic radiopharmaceutical	Dr. Ximena Camacho, et al (Uruguay)
	79	In vivo characterization of a Lu-177 Bombesin- based radiopharmaceutical for GRP Positive	Dr. Priscilla Brunelli Pujatti, et al. (Brazil)
	80	tumours - Diagnosis & Treatment 177Lu-DOTA-TATE and Sandostatin LAR as a promising therapy of Esthesioneuroblastoma-	Dr. Zbigniew Podgajny, et al (Poland)
	81	case report 177 Lu - Dendrimer PAMAM G4: Evaluation in a murine melanoma model	Dr. Marcos Tassano, et al. (Uruguay)
1015 2200			
1915-2300		Reception and Dinner Formal ceremony at TEATRO ADOLFO MEJI	
Friday: 6 No	ovember 20	Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED	
	ovember 20	Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED	(21.00-23.00)
Friday: 6 No 0900-1700 1930		Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 09 Sight-seeing tour with Lunch (Details are being Dinner at Hilton	(21.00-23.00)
Friday: 6 No		Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 09 Sight-seeing tour with Lunch (Details are being Dinner at Hilton	(21.00-23.00)
Friday: 6 No 0900-1700 1930 Saturday: 7		Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 9 Sight-seeing tour with Lunch (Details are being Dinner at Hilton 2009 Scientific Session - 9	(21.00-23.00) worked out)
Friday: 6 No 0900-1700 1930 Saturday: 7		Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 9 Sight-seeing tour with Lunch (Details are being Dinner at Hilton 2009 Scientific Session - 9 Molecular Imaging in Therapy	(21.00-23.00) worked out)
Friday: 6 No 0900-1700 1930 Saturday: 7		Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 9 Sight-seeing tour with Lunch (Details are being Dinner at Hilton 2009 Scientific Session - 9 Molecular Imaging in Therapy Chairpersons: Dr. Isabel Roca (Spain), Prof. D.K. I Invited Lectures Road Map to Molecular Imaging: Historic and	(21.00-23.00) worked out)
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Friday: 6 No 0900-1700 1930 Saturday: 7 0830-1100	November 82 83	Formal ceremony at TEATRO ADOLFO MEJI Cocktail - Dinner at PLAZA DE LA MERCED 9 Sight-seeing tour with Lunch (Details are being Dinner at Hilton 2009 Scientific Session - 9 Molecular Imaging in Therapy Chairpersons: Dr. Isabel Roca (Spain), Prof. D.K. I Invited Lectures Road Map to Molecular Imaging: Historic and Basic Considerations PET/CT and Radiotherapy Planning The Importance of Quantitative Molecular Imaging: From MORE (Molecular Response) to	worked out) Hazra (India) Prof. AH Elgazzar (Kuwait) Dr. Subramaniam Rathan (USA) Prof. R. Baum (Germany)

1035-1100	87	In the current world of PET/CT for therapeutic monitoring, who needs Tc-99m and the other non-	Prof. Azu Owunwanne (Kuwait)
		positron emitting radiopharmaceuticals?	
		Proffered Papers	
		Poster Presentations:	
		(To be viewed and discussed during the coffee h	oreak at 1100-1145 am on 07/11/09)
	88	Effects of external beam irradiation on Radioimmunotargetting	Dr. Padmamalika Khanna-Hazra, et al (India)
	89	Rapid guide for drug interaction with radiopharmaceutical	Ralph Santos-Oliveira, et al (Brazil)
	90	Targeted imaging with 64Cu trastuzumab PET in non small cell lung cancer	Dr. Bishnuhari Paudyal, et al. (Japan)
	91	Evaluation of risk of increased cerebral blood flow by intravenous adenosine-tri-phosphate: A PET study with 15O-labeled water.	Dr. Raihan Hussain (Bangladesh)
	92	Phase I Clinical Trial and Pharmacokinetics of the anti-CEA single chains fragment (scFv)2 M3	Dr. Gilmara Pimentel, et al (Cuba)
	93	Experience of Radiopharmaceutical Therapy in a Developing Country	Dr. Hasan Mizanul, et al (Bangladesh)
1100-1145		Networking, Posters & Coffee Break Poster Session Coordinator: Dr. R Mititelu (Ro (Macedonia)	mania), Dr. Ana Ugrinska
		ALL POSTERS FROM SCIENTIFIC SESSION AND DISCUSSED	NS-9 and 10 WILL BE VIEWED
1145-1300		Scientific Session - 10 Miscellaneous Chairpersons: Dr. J. Buscombe (UK), Prof. H. R. M.	Maecke (Switzerland)
			Annual Section Control of the Contro
1145-1210	94	Invited Lectures Molecular Radiotherapy for Human Neuroblastoma Cells with Auger Electrons of In-	Dr. N. Watanabe (Japan)
		111-labeled N-myc Antisense Oligonucleotides in Combination with Chemotherapy	
1210-1235	95	Molecular Imaging and Therapy of Cancer using Radiolabeled Nanoparticles	Dr. Keon Wook Kang (S. Korea)
1235-1300	96	PBPK modeling for dosimetry of nonclinical and clinical radioimmunotherapy	Prof. Kalevi Kairemo (Finland)
		Posters	
		(To be viewed and discussed during the coffee b	reak at 1100-1145 am on 07/11/09)
	97	Architecture & Music in the Light of Healing of Cancer Patients	Dr. Gertraud Jestl-Horngache (Austria)
	98	Primary Tumor Size, Can It Predict the Histopathologic Outcome of an Identified	Dr. Susan Gironella-Camomot, et al (Philippines)
	99	Sentinel Node? Evaluation of sentinel lymph nodes in patients with cutaneous malignant melanoma	Dr. M. Lacic (Croatia)
	100	CDECE: : : : : : :	Dr. Fatima Shazia, et al (Pakistan)

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	102 103 104	Evaluation of Performance of Rest Gated Myocardial Perfusion Imaging in Emergency Room Patients with Suspected Acute Coronary Syndrome presenting with Acute Chest Pain and Non- diagnostic ECG - Preliminary results from the PREMIER tria Myocardial infarction, scar or ischemia at rest? Carcinoma of Uknown Primary:Initial Experience with 18F FDG PET-CT Prediction of response to neoadjuvant chemotherapy in locally advanced breast cancer with scintimammography and its correlation with p-glycoprotein levels	Maruf Pirnazarov (Uzbekistan) Madhur Kumar Srivastava (India) Dr. Muhammad Aleem Khan (Pakistan)
1300-1400		Lunch	
1400-1600		Scientific Session - 11	
		Closing Session) D. D. L. L. D. L. C. L. L. L.
		Chairpersons: Prof. Richard P. Baum (German	y), Dr. Patricia Bernal (Colombia)
		Invited Lectures	
1400-1425	105	Alpha therapies present practice and future	Dr. John Buscombe (UK)
1400-1425	103	prospects	Di. John Basconice (CR)
1425-1450	106	Our Experience Comparing Bi-213 with	Prof. H. R. Maecke (Switzerland)
		Lu-177 in a prostate cancer model.	
1450-1600		Inauguration of WARMTH	
		Introduction to ICRT-2010 (Bali):	Dr. Hussein Kartamihardja
		Address by the Organizing Chairman	(Indonesia)
		Introduction to ICRT-2012 (Finland)	Prof. K. Kairemo (Finland)
		Address by the Organizing Chairman	
		Closing Remarks	Dr. Patricia Bernal,
			Chairperson - Organizing Committee
		Highlights and aloging remarks	(ICRT-2009)
		Highlights and closing remarks	A.K. Padhy (Singapore)
1600-1630		Coffee Break	
1630-2000		FREE TIME A few interesting Scientific Sessions of ALASBI Lecture Halls. Those who are interested may att (Please refer to the ALASBIMN Programme).	
2000		Closing Ceremony of ICRT-ALASBIMN Congr	ess _anwards
2000		Dinner	ess -unwarus
		Latin Music & Dance and	
		Celebrations	
		Celebi ations	

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ABSTRACTS

021

Radioiodine treatment complications in mother and child in patients with differentiated thyroid carcinoma

Takavar Abbas, Saber Sasan, Ansari Mojtaba, Fard-Esfahani Armaghan

Nuclear Medicine Dept, Tehran University of Medical Science, Tehran University of Medical Sciences, Tehran, Iran

Objectives: Radioiodine (I-131) is widely used in the treatment of differentiated thyroid carcinoma (DTC). As radiation is a known mutagen, we decided to evaluate the outcome of pregnancy in DTC female patients and genetic risks and health status of their children. Methods: We retrospectively studied the medical records of DTC patients in our centre from 1999 to 2002. 1100 women were hospitalized for treatment with high dose radioiodine therapy (at least 100mCi) during the above period, from which 653 were in reproductive years. 100 of these women had at least one pregnancy after radioiodine therapy. Data on 126 pregnancies after treatment were obtained by interviewing these 100 women, who had totally 101 pregnancies before I-131therapy. We asked about pregnancy outcomes such as abortion and stillbirth, and the health status of their children. We also reviewed radioiodine last dose and cumulative dose. Results: The incidence of abortion increased from 16.83% (17 out of 101 pregnancies before I-131therapy) to 26.19% (33 out of 126 pregnancies after I-131therapy). 13 of 33 abortions were spontaneous and 20 abortions were induced (69.7% all abortions after I-131therapy). There was no significant difference between the mean last dose and also the cumulative dose in patients with and without history of abortions. Mean interval between the last dose of I-131 therapy and abortion and the last dose and live child birth had a significant difference (16.20ï,±10.97 versus 32.10ï,±18.22 month, p<0.001). All children had normal birth weight. 3 anomalies (Down's syndrome, heart anomaly and macrocephaly) in 3 children were present. 3 episodes of intrauterine death were recorded, but this was not statistically significant. Conclusion: Shorter interval between I-131-therapy and pregnancy increases the risk of abortions. It appears that radioiodine therapy has no obvious adverse effect on fertility or genetic risks in the offsprings.

022

Evaluation of the efficacy of low and high dose radioiodine therapy for ablation

Takavar Abbas

Nuclear Medicine, Shariati Hospital, Tehtan University of Medical Sciences, Tehran, Iran

(Abstract not available)

023

Predictive value of TSH levels after 131-I treatment of patients with Graves' disease

Pavel Bochev, Borislav Chaushev, Anelia Klisarova, Zhivka Dancheva, Kiril Hristozov, Yana Bocheva Medical University of Varna, Varna, Bulgaria

Radioiodine treatment of patients with Graves' disease is marked with various degree of uncertainty, regarding dose regimen and decision for second dose application. The aim of the study is to evaluate the predictive value of TSH measurement up to six months after treatment regarding 1 year endpoint outcome and define the time for a second dose application whenever needed. Subject of study were 46 patients (9 men, 37 women) with Gravs' disease, treated with fixed doses 131-I - 5 and 7.5 mCi. All patients were on antithyroid medication before and after the therapy except for a one week withdrawal pre- and post radioiodine therapy. TSH and FT3, FT4 levels were measured before the procedure, at 3, 6, 12 month after administration. ATD therapy was not discontinued before the 3rd month after therapy. A second dose was not administered during the first year after the initial treatment in any of the patients for various reasons. The results from the follow up show that only 20% of the patients with high TSH at 3rd month remain hypothyroid at 1 year, while half of the patients with high TSH at 6th month remain hypothyroid. Among the patients with low TSH levels at 3rd month control 63% tend to remain hyperthyroid at 1 year with similar percentage for 6th month control. Euthyroid at 3rd and 6th month patients remain euthyroid after 1 year in 57% and 72% respectively. The results show that early hypothyroidism is predominantly transient and is of no predictive value for the outcome. Early hyperthyroidism at 3rd month control is likely to persist at 1 year and needs an early administration of second dose 131-I.

024

Diagnostic Value of Serum Thyroglobulin in Differentiated Thyroid Carcinoma Patients to Monitor Persistence or Recurrence Disease

Aisyah Elliyanti

School of Medicine Andalas/ Nuclear Medicine Instalation of Dr.M.Djamil Hospital Padang Indonesia

Serum thyroglobulin (Tg) is widely accepted as a tumor marker to evaluate the effectiveness of treatment for differentiated thyroid cancer (DTC) and to monitor for persistence or recurrence. However, Tg level can be misleading in the certain instances in which levels are low but have recurrence. The aim of this study to evaluate the diagnostic value of serum thyroglobulin in DTC patients to monitor persistence or recurrence disease

A retrospective study of 62 patients, 56 females and 6 males who had proper follow-ups after received I-131 ablation. Range of age was 19 to 73 years old. During the follow-ups,

serum Tg, anti-thyroglobulin antibody (TgAb), chest X-ray and bone scintigraphy were examined. Serum thyroglobulin ≥ 2 ng/mL was used as positive for persistence or recurrence disease during thyroid hormone withdrawal.

Positive Tg and negative TgAb were found in 6 of 62 (9.67%) patients who showed abnormal uptake on bone scintigraphy. Negative Tg in 56 of 62 (90.03%) patients, 49 of 56 (87.5%) patients had both Tg and TgAb negative and bone scintigraphy also showed normal uptake. 6 of 56 (10.7%) patients had negative both Tg and TgAb but having abnormal bone scintigraphy which showed uptake at ribs in two patients, at lumbal spine in two patients, at sternum in one patient and the rest at both right-sacroiliac joint and parietal bones. One of 56 (1.7%) patient who had negative Tg, positive TgAb, normal bone scintigraphy and I-131 whole body scan showed an abnormal uptake at left and right area of the next Sensitivity and specificity for serum thyroglobulin were 46.13% and 100% respectively.

Serum thyroglobulin cannot be considered as a single indicator to monitor of thyroid cancer, furthermore TgAb examination should be included. Additional imaging tests such bone scintigraphy, I-131 whole body scan may improve diagnostic value to identify persistence or recurrence disease.

025

Umbilical cord blood TSH values in neonates for screening of congenital hypothyroidism

Ansari M.I.H. Ansari, Hasan M.Hasan, Alam F.Alam, Kabir M.F.Kabir

Bangladesh Atomic Energy Commission, Institute of Nuclear Medicine and ultrasound, Dhaka, Bangladesh

Objectives: The aim of this study was to determine the thyroid stimulating hormone (TSH) levels from cord blood in neonates and to establish the practice for possible application of congenital hypothyroidism screening in Bangladesh. Methods: TSH was measured from cord blood of 2858 newborns from maternal wards of 28 hospitals of the Dhaka city and 5 hospitals of other districts where Nuclear Medicine Centers were located. The Neonatal TSH IRMA kit supplied by HTA Co; LTD, Beijing, China was used for screening test of congenital hypothyroidism. Results: From the total of 1495 male and 1363 female neonates 92.64% male neonates and 93.18% female neonates had non- detectable or TSH values less than 10 mIU/L. 7.29% males and 6.60% females had TSH values between 10-20 mIU/L. Only one male and three female neonates had raised TSH values greater than 20mIU/L.Conclusions: Cord blood on filter paper was practical and easy to collect. It was applicable for blood spot assay of congenital hypothyroidism. It could be put in practice for large-scale newborn screening programme in Bangladesh.