IAEA Symposium Secretariat:

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Location of the Symposium:

Centro de Eventos da PUCRS

(Pontifícia Universidade Católica

do Rio Grande do Sul)

Av. Ipiranga, 6681 - Building 41

Porto Alegre

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Working Language: English

Resolutions: No resolutions may be submitted for

consideration on any subject, no

votes will be taken.

TIMETABLE

Sunday, 18 January 2004		Wednesday, 21 January 20	004
15:00–17:00	Registration	08:30–10:30	Session 9: Radiopharmacy and Breast Cancer - I
Monday, 19 January 2004		10:30-11:00	Tea/Coffee Break
07:30	Registration	11:00–13:00	Session 10: Radiopharmacy and
08:30-09:00	Opening Addresses		Breast Cancer - II
09:00-10:30	Session 1: Introductory Lectures		
10:30-11:00	Tea/Coffee Break	13:00–14:00	Lunch Break
11:00–13:00	Session 2: Instrumentation & Correlative Imaging	14:00–15:45	Session 11: Neuroendocrine Tumours & General
13:00–14:00	Lunch Break	15:45–16:00	Tea/Coffee Break
14:00–15:45	Session 3: General Nuclear Oncology	16:00–17:30	Session 12: Poster - II
15:45–16:00	Tea/Coffee Break	Thursday, 22 January 2004	1
16:00–17:30	Session 4: Radiopharmaceuticals - I	08:30–10:30	Session 13: Radioimmuno Detection & Therapy / Molecular Nuclear Medicine
19:00	Reception	10:30–11:00	Tea/Coffee Break
Tuesday, 20 January 2004		11:00–13:00	Session 14: Molecular Nuclear Medicine
08:30–10:30	Session 5:	13:00–14:00	Lunch Break
	Radiopharmaceuticals - II, Dosimetry & Biology	14:00–15:45	Session 15: Liver Cancer
10:30-11:00	Tea/Coffee Break	15:45–16:00	Tea/Coffee Break
11:00–13:00	Session 6: Thyroid Cancer - I	16:00–17:30	Session 16: Interactive Session
13:00–14:00	Lunch Break		
14:00–15:45	Session 7: Thyroid Cancer - II	Friday, 23 January 2004	
15:45–16:00	Tea/Coffee Break	08:30–10:30	Session 17: Palliative Care & Other
16:00-17:30	Session 8: Poster - I		Therapies
		10:30–11:00	Tea/Coffee Break
		11:00–13:00	Session 18: Closing

SUNDAY, 18 JANUARY 2004

15:00-17:00 Registration

MONDAY, 19 JANUARY 2004

07:30 Registration

08:30-09:00 Opening Addresses

09:00-10:30 SESSION 1:

INTRODUCTORY LECTURES

Chairpersons: W. Burkart, IAEA

E. Touya, Uruguay

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	3 :		
77-IAEA-1	A.K. Padhy	IAEA	Programmatic activities of IAEA in nuclear medicine
191-UK-2	K.E. Britton	UK	Peptides, positrons, monoclonals and chemicals in cancer imaging and therapy
201-USA-1	H.D. Royal	SNM	Molecular imaging: What is it and what does it mean for the future of nuclear medicine
10:30–11:00	Tea/Coffee Break		
11:00–13:00	SESSION 2: INST CORRELATIVE IM		
Chairpersons:	H.M. Abdel-Dayen E.N.P. Lima, Brazi	•	
Keynote Lectures	s:		
210-USA-10	M.L. Goris	USA	PET and CT a review of post-hoc fusion compared to acquisitio fusion (PET-CT)

11:00–13:00 SESSION 2 (cont'd): INSTRUMENTATION & CORRELATIVE IMAGING

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
230-BEL-1	O. Van Der Borght	Belgium	Introduction to medical cyclotron technology - application in PET
231-CRO-2	V. Simcic	Croatia	PET instrumentation - technical considerations
Two additional le	ectures: to be announc	ed	
13:00–14:00	Lunch Break		
14:00–15:45	SESSION 3: GENERAL NUCLEAR	RONCOLOGY	
Chairpersons:	A. Al-Nahhas, UK C.A. Buchpiguel, Bra	azil	
Keynote Lectures	u.		
112-KUW-1	A.H. Elgazzar	Kuwait	Pathophysiologic basis of imaging bony metastases
153-ROK-3	J-K. Chung	WFNMB	Sodium iodide symporters: it's role in nuclear oncology
Contributed Pape	ers:		
8-ARG-6	S. Vazquez, et al	Argentina	SPECT with thallium or sestamibi in the differential diagnosis of brain lesions
9-ARG-7	S. Carpintiero, et al	Argentina	Central nervous system lessions, utility of MRI and SPECT fusion imaging
64-CZR-4	P. Koranda, et al	Czech Republic	99mTc-MIBI SPECT in the diagnosis of gliomas: Differences in the 99mTc-MIBI and 99mTc-DTPA accumulations in the lesions'
66-EGY-1	H. Moustafa, et al	Egypt	Different radionuclide imaging in diagnosis, assessment of response and detection of recurrence in bone & soft tissue tumours of the extremities
145-POL-1	E. Dziuk, et al	Poland	Somatostatin analog 99mTc-Depreotide and fusion imaging of single photon emission tomograpy (SPET) and computed tomography (CT) in the evaluation of solitary pulmonary nodules (SPN)

14:00–15:45 SESSION 3 (cont'd): GENERAL NUCLEAR ONCOLOGY

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
154-ROM-1	A.C. Chirion, et al	Romania	Bone metastasis in patients with paraneoplastic myasthenic syndrom - possible indication for bone scintigraphy
195-URU-1	O. Alonso, et al	Uruguay	Evaluation of occult lymph node metastases by means of 99mTc-MIBI scintigraphy and sentinel node biopsy with RT-PCR multi-marker assay in early-stage melanoma patients
15:45-16:00	Tea/Coffee Break		
16:00–17:30	SESSION 4: RADIOPHARMACEUT	TCALS - I	
Chairpersons:	M.F. Barbosa, Brazil H. Vera Ruiz, Bolivia		
Keynote Lectures:			
18-AUL-2	V. Kumar	Australia	Radiopharmacology of Re-188 DMSA(V)
24-BOL-1	H. Vera Ruiz	Bolivia	Cyclotrons in developing countries
232-ROK-5	S-M. Lim	Korea, Republic of	Introduction to KIRAMS-13: A cyclotron developed by Korea Institute of Radiological & Medical Sciences
Contributed Papers	s:		
6-ARG-4	E. Obenaus, <i>et al Presented by:</i> S. Gomez de Castiglia	Argentina	In-111 and Y-90 labelled peptide radio-pharmaceuticals for diagnosis and therapy
27-BRA-2	B.L. Faintuch, et al	Brazil	Influence of 67Ga purity on the labeling of somatostatin analogs
28-BRA-4	E. Bortoleti de Araujo, <i>et al</i>	Brazil	Labeling of dotatate with 131-lodine for therapy application
74-GRE-4	A. Nikolopoulou, et al	Greece	NTS1-R-Targeted diagnostic imaging of malignant tumors with 99mTc labeled neurotensin analogues
75-GRE-5	A. Nikolopoulou, et al	Greece	Comparative evaluation of 99mTc labelled bombesin analogues for targeting GRP-R-Positive neoplasms
80-IND-2	R. Krishnakumar, et al	India	Comparison of gallium-67 and Tc-99m tetrofosmin uptake in lymphoma

16:00–17:30 SESSION 4 (cont'd): RADIOPHARMACEUTICALS - I

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
85-IND-7	P.S. Choudhury, et al	India	99mTc-GHA: A promising agent for assessing tumour viability
19:00	Reception		

TUESDAY, 20 JANUARY 2004

08:30-10:30 SESSION 5:

RADIOPHARMACEUTICALS - II, DOSIMETRY & BIOLOGY

Chairpersons: S.J. Goldsmith, SNM

E.J. Garcia, Brazil

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	:		
46-CAN-2	A.J. McEwan	SNM	Current concepts in the radiobiology of radioisotope therapy
227-USA-16	S. Borges-Neto	USA	ProstaScint and quadramet;prostate cancer staging and treatment with radionuclides
235-IND-30	B.A. Krishna	India	Evaluation of lymphoma patients using hybrid PET-CT imaging system
Contributed Pape	rs:		
5-ARG-3	M.C. Valdivieso, <i>et al</i> Presented by: M. Cabrejas	Argentina	Is dosimetry really necessary for differentiated thyroid cancer treatment?
30-BRA-6	J.A. Osso Jr., et al	Brazil	Viability studies for the preparation of 188W-188Re generators a IPEN/CNEN-SP
82-IND-4	A. Bhattacharya, et al	India	Utility of 99mTc-GHA brain SPECT in the grading of brain tumor
96-IND-18	S. Banerjee, et al	India	177Lu-DOTMP, 153Sm-DOTMP, 175Yb-EDTMP and 186Re-CTMP: Novel agents for bone pain palliation and their comparison with 153Sm-EDTMP
132-PAK-2	A. Afshan, et al	Pakistan	Study on the syntesis, kit formulation and chemical kinetics of dissociation of 99mTc-labeled-PnAO-Biotin complex from avidin and streptavidin
163-SAU-1	I. Al-Jammaz, et al	Saudi Arabia	Fluorine-18 labeled bombesin peptide analog: A potential radiopharmaceutical for cancer detection by PET imaging
199-URU-5	H.S. Balter Binsky, et al	Uruguay	Radiolabelled DOTA-TATE: its evaluation for targeted radiotherapy
10:30–11:00	Tea/Coffee Break		

11:00-13:00 SESSION 6:

THYROID CANCER - I

Chairpersons: M. Marone, E

M. Marone, Brazil I. Roca, Spain

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	5:		
206-USA-6	S.J. Goldsmith	SNM	Management of thyroid cancer
190-UK-1 cancer	K.E. Britton	UK	A rational approach to the management of differentiated thyroid
202-USA-2	H.D. Royal	SNM	Radiation safety issues related to I-131 therapy
Contributed Pape	ers:		
54-COL-3	L.M. Pabon Castilla, et al	Colombia	Correlation among calculated dose of I131 according to risk factors and post-therapy scans in patients with well differentiated thyroid cancer
57-CUB-2	A. Martinez R., et al Presented by: J.P. Oliva Gonzalez	Cuba	Treatment of differentiated thyroid cancer with low dose of 131-l
58-CYP-1	S. Frangos, et al	Cyprus	Thyroid carcinoma: The experience at the oncology center in Nicosia, Cyprus
59-CYP-2	O. Demetriadou, et al	Cyprus	Differentiated thyroid cancer treatment with I131: 9 years experience in Nicosia General Hospital
67-EST-1	E. Kelk, et al	Estonia	Recombinant human thyrotropin in postoperative management of metastatic differentiated thyroid carcinoma
142-PHI-2	E.A. Lim, <i>et al Presented by:</i> E.A. Barrenechea	Philippines	Significance of post-therapy whole body imaging with I-131 in well-differentiated thyroid cancer
180-THA-2	S. Sirisalipoch, et al	Thailand	Prospective randomized trial for the evaluation of the efficacy of low vs. high dose I-131 for post operative remnant ablation in differentiated thyroid cancer
186-TUR-2	D. Corapcioglu, <i>et al Presented by:</i> N.Ö. Küçük	Turkey	The role of scintigraphy after high dose treatment of differentiated thyroid cancer patients with negative I-131 whole body diagnostic scintigraphy and high serum TG level
13:00–14:00	Lunch Break		

14:00–15:45 SESSION 7:

THYROID CANCER - II

Chairpersons: D. Howarth, Australia

B.A. Krishna, India

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	S:		
19-AUS-1	G. Riccabona, et al Presented by: M. Gabriel	Austria	What can therapy with Y-90-somatostatin-analogues achieve in patients with metastatic non-medullary carcinoma (NMTC) of the thyroid without I-131 uptake?
203-USA-3	H.D. Royal	SNM	Controversies related to I-131 therapy
Contributed Pape	ers:		
98-IND-20	S. Basu, et al	India	Performance of 18F-FDG PET in detecting non-iodine concentrating metastases from thyroid carcinoma at varying Tg levels: implications on sodium iodide symporter Tg, mRNA and GLUT receptor expression at various stages of differentiation in differentiated thyroid carcinoma
116-LIT-2	I. Kulakiene, et al	Lithuania	Thyroid cancer incidence in Lithuania over the period of 1978–2003
121-MEX-2	E. Avila Ramirez, et al	Mexico	Treatment of differentiated thyroid cancer with 131I in children: 23 years of experience
133-PAR-1	J.A. Jara Yorg, et al	Paraguay	Utility of serum thyroglobulin dosage and total body scan with 131 odine for the evaluation and follow up of post operatory well differentiated thyroid carcinoma in Paraguay
225-YUG-6	J. Mihailovic, et al	Serbia and Montenegro	Survival of patients with locally invasive differentiated thyroid carcinoma treated with radioiodine
15:45–16:00	Tea/Coffee Break		

16:00–17:30 SESSION 8: POSTER - I

Chairpersons: A. Belfer, Brazil

P. Bernal Trujillo, Colombia A. Ellmann, South Africa S. Frangos, Cyprus

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
4P-ARG-2	V.E. Soroa, et al	Argentina	Not only PET for ongological pathology
23P-BGD-4	M.A. Karim, et al	Bangladesh	24 years experience of management of differentiated thyroid carcinoma by radioiodine
31P-BRA-7	D. Grobocopatel, et al	Brazil	Pulmonary metastasis in osteosarcoma in bone scintigraphy: 2 case report
35P-BRA-11	S.M. Velasques de Oliveira, et al	Brazil	Diagnostic nuclear medicine in Brazil: Current status in five geographical regions
41P-BUL-2	T. Hadjieva, et al	Bulgaria	Carcinogenic rish after radioiodine ablation for early papillary thyroid cancer
42P-BUL-3	I. Kostadinova, et al	Bulgaria	Our first experience in the application of 89Sr and comparison of the results with those with 32P in patients with bone metastases
43P-BUL-4	A. Klissarova, et al	Bulgaria	Bone marrow radioimmune scintigraphy in the assessment of breast cancer treatment
53P-COL-2	L.M. Pabon Castilla, et al	Colombia	Presence of positive antityroglobulin antibodies in patient with well differentiated thyroid cancer referred for therapy I131: Cases reports
60P-CYP-3	O. Demetriadou, et al	Cyprus	TC99m tetrofosmin in parathyroid imaging
61P-CZR-1	O. Kraft, et al	Czech Republic	Functionally active hepatic metastasis of the differentiated thyroic carcinoma
63P-CZR-3	K. Safarcik, et al	Czech Republic	The external quality assessment of tumor markers. Some problems of the preparation of control samples for PSA determination
76P-HUN-1	J. Szilvási, et al	Hungary	Nuclear medicine and MRI in differential diagnosis of doubtful spinal disorders
81P-IND-3	S.V. Solav, et al	India	Profile of osteolytic lesions on bone scan

16:00–17:30 SESSION 8 (cont'd): POSTER - I

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
87P-IND-9	D.K. Hazra, et al	India	Experimental studies on enhancing radioimmuno-localisation using reticulo-endothelial system blockade
88P-IND-10	S. Ray, et al	India	A simple early soft tissue phase image while performing a routine 99mTc-MDP bone scan can serve the purpose of a screening mammography in early detection of breast cancer
90P-IND-12	P.S. Soni, et al	India	Design of colon targeting drug delivery systems using natural polymeric carriers and their evaluation by gamma scintigraphy technique
92P-IND-14	B.K. Das, et al	India	Does follicular carcinoma of thyroid from endemic region behave more aggressively?
93P-IND-15	R. Kumar, et al	India	Can Tc-99m tetrofosmin/ sestamibi lung scintigraphy differentiate malignant from benign lung masses?
102P-IND-24	S. Basu, et al	India	Thyroid carcinoma: Unusual pathologies and presentations
104P-IND-26	D.K. Hazra, et al	India	Clinical experience with gammaglo bulins in enhancing radiobioconjugate targetting by reticuloendothelial system blockade
106P-IRA-1	F. Saddadi, et al	Iran, Islamic Republic of	Role of 99mTc-labeled RBC SPECT in hemangioma of the liver
107P-IRA-2	F. Saddadi, et al	Iran, Islamic Republic of	Doubled-phase Tc99m-sestamibi imaging in localization of abnormal parathyroid glands
119P-MAK-2	A. Ugrinska, et al	The Frmr.Yug. Republic of Macedonia	Abstract databases in nuclear medicine: New database for articles not indexed in PubMed
126P-MOR-1	N. Ben Raïs Aouad, et al	Morocco	Following up and efficiency of 131 iodione therapy in differentiated thyroid carcinoma (excluding medullar) -Moroccan situation-
127P-MOR-2	N. Ben Raïs Aouad, et al	Morocco	African situation in thyroid cancer
135P-PAR-3	J.A. Jara Yorg, et al	Paraguay	Well differentiated thyroid carcinoma. Treament with 131I and its follow up in Paraguay
141P-PHI-1	J.M. Obaldo, et al	Philippines	Value of 201TI imaging in predicitng therapeutic 131I uptake in patients with thyroglobulin-positive but 131I scan-negative differentiated thyroid cancer

16:00–17:30 SESSION 8 (cont'd): POSTER - I

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
150P-POL-6	P. Zorga, et al	Poland	The effectiveness of strontium-89 in metastatic bone pain palliative treatment
152P-ROK-2	W. Choe, et al	Korea, Republic of	A role of skeletal scintigraphy in nuclear oncology at a medium- sized hospital in South Korea
155P-ROM-2	I. Codorean, et al	Romania	Treatment of metastatic bone pain — experience in Romania
157P-RUS-1	A.F. Tsyb, et al Presented by: P.I. Garbuzov	Russian Federation	Radionuclide therapy in Russia. Experience, problems and perspectives
158P-SAF-1	A.C. Otto, et al	South Africa	Early experience with 99mTc sestamibi uptake in bronchial carcinoma
161P-SAF-4	M.D.T.H. Vangu, et al	South Africa	Clinical presentation and outcome in patients treated for papillary and follicular carcinoma of the thyroid: patterns in Johannesburg
162P-SAF-5	S.M. de Canha, et al	South Africa	Use of 131I-MIBG: Tygerberg experience
166P-SLK-2	R. Hajts, et al	Slovakia	Our experience with nuclear medicine methods in the follow-up patients with thyroid cancer
168P-SLK-4	M. Vereb, et al	Slovakia	Radiogated surgery: First experiences with surgical gamma probe
173P-SPA-1	O. Caballero Carpena, <i>et al</i>	Spain	Problems and complications in treatment with radioiodine in patients with differentiated thyroid cancer
175P-SRL-1	R.S. Jayatilake, et al	Sri Lanka	Results of treatment of differentiated thyroid cancers using I131 at Sri Lanka's first private institution
176P-SRL-2	L. Watawana, et al	Sri Lanka	Experimental radioimmunotargetting: Gold, iodine and technetium as labels
178P-SYR-3	M. Zein, et al	Syrian Arab Republic	Clinical results of 89Sr-chloride application for treatment of bone metastasis

16:00–17:30 SESSION 8 (cont'd): POSTER - I

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
181P-TUN-1	H. Hammami, et al	Tunisia	lodine-131 therapy in differentiated thyroid cancer
182P-TUN-2	S. Boughattas, et al	Tunisia	Impact of chronic lymphocytic thyroiditis coexisting with differentiated thyroid cancer on the effectiveness of remnants ablation
183P-TUN-3	S. Boughattas, et al	Tunisia	Impact of chronic lymphocytic thyroiditis on the prognosis of differentiated thyroid cancer
184P-TUN-4	S. Boughattas, et al	Tunisia	Scintigraphic visualization of distant metastases from differentiated thyroid cancer prior to thyroidectomy
187P-TUR-3	N.Ö. Küçük, et al	Turkey	Detection of sentinel lymph node with lymphoscintigraphy and surgical gamma probe in head and neck cancer
189P-UKR-2	N. Afanasieva, <i>et al</i> Presented by: N. Pilipenko	Ukraine	The use of 131I-metaiodine benzylgunidine (131I-MIBG) in medullary carcinoma of the thyroid gland treatment
198P-URU-4	G. Lago, et al	Uruguay	Protocol for treatment and follow-up of differentiated thyroid carcinoma
200P-URU-6	A.F. García Texeira, et al	Uruguay	Determination of effective half-life from 131-I in the therapy of a patient under dialysis treatment
216P-UZB-1	S.I. Ismailov, et al	Uzbekistan	Early diagnostics and treatment of thyroid carcinoma
218P-VIE-2	Trinh Thi Minh Chau, et al	Viet Nam	Thyroglobulin and metastases after thyroidectomy in differentiated thyroid cancer
222P-YUG-3	V. Artiko, et al	Serbia and Montenegro	The role of immunoscintigraphy in the detection of colorectal carcinomas
228P-IND-28	S. Basu, et al	India	Effect of low dose 131I-MIBG therapy in metastatic neural crest tumours: evaluation by recist and quality of life questionnaire

WEDNESDAY, 21 JANUARY 2004

08:30-10:30 SESSION 9:

RADIOPHARMACY and BREAST CANCER - I

Chairpersons: B. Birkenfeld, Poland

J. Buscombe, UK

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	3.		
211-USA-11	S. Srivastava	USA	Current trends in therapeutic radiopharmaceuticals
172-SLO-4	M. Snoj	Slovenia	Application of surgical gamma-probe in surgical oncology
229-ROK-4	M-C. Lee	WFNMB	PET in the management of breast cancer
Contributed Pape	ers:		
3-ARG-1	M.H. Velazquez Espeche, et al	Argentina	Sentinel lymph node in breast cancer using a radiocolloid particle produced in Argentina
32-BRA-8	C.E. Anselmi, et al	Brazil	Prognostic value of the 99mTc-Isonitrile washout rate in neoadjuvant chemotherapy in patients with locally advanced breast cancer
55-CRO-1	M. Lacic, et al	Croatia	Mammoscintigraphy in evaluation of the patients with breast disorders
83-IND-5	P.S. Choudhury, et al	India	Indegenous surgical gamma probe: performance evaluation in the detection of sentinel node in breast cancer: A preliminary report
120-MEX-1	E.G.N.García, et al	Mexico	Follow up of breast cancer by bone scintigraphy
197-URU-3	G. Lago, et al	Uruguay	Radioguided sentinel node biopsy with 99mTc colloidal (Re) sulphide: Our experience
10:30–11:00	Tea/Coffee Break		

11:00-13:00 SESSION 10:

RADIOPHARMACY and BREAST CANCER - II

Chairpersons: P.A. Filho, Brazil

V. Obradovic, Serbia and Montenegro

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures	s:		
17-AUL-1	D. Howarth	Australia	Evolving role of scinti-mammography in breast cancer
204-USA-4	C.R. Divgi	SNM	Treatment response in oncology
Contributed Pape	ers:		
7-ARG-5	H. García del Río, et al Presented by: M. del C. Alak	Argentina	Radionucleide localization of sentinel lymph node (SLN); our experience in 14 years
25-BOH-1	Z. Rajkovaca, et al	Bosnia and Herzegovina	Scintimammography with 99mTc sestamibi in breast cancer
26-BRA-1	B.G. Viterbo de Oliveira, et al	Brazil	Sestamibi[99mTc] uptake on scintimammography: the influence of histologic grading in the detection of breast carcinoma
37-BRA-13	G. Junqueira Jr., et al	Brazil	Sentinel lymph node mapping and biopsy for melanoma in South Brazil
40-BUL-1	E. Piperkova, et al	Bulgaria	99m-Technecium tetrofosmin and 99m-Tc methylene diphosphonate in pre-surgical breast cancer
44-BUL-5	S.B. Sergieva, et al	Bulgaria	99mTc-MIBI scintigraphy as a functional method for multi drug resistance (MDR) evaluation in breast cancer patients
62-CZR-2	O. Kraft, et al	Czech Republic	Detection of sentinel lymph node in breast cancer and malignant melanoma-Influence of some factors on detection success rate
73-GRE-3	D. Kyriaki, et al	Greece	Sentinel lymph node (SLN) detection changes the biopsy sites in melanoma patients. Our experience
84-IND-6	P.S. Choudhury, et al	India	Role of scintimammography in post surgical management of breast cancer
94-IND-16	R. Kumar, et al	India	Comparison of FDG-PET and sentinel lymph node (SLN) biopsy in the detection of axillary lymph node metastases in early breast cancer patients
131-PAK-1	N.A. Laghari, et al	Pakistan	Role of 99mTc-MIBI in evaluation of palpable breast lesions

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
179-THA-1	S. Namwongprom, et al	Thailand	Breast lymphoscintigraphy for sentinel node identification in clinically axillary node negative breast cancer: A preliminary report of 35 cases
13:00-14:00	Lunch Break		
14:00–15:45	SESSION 11: NEUROENDOCRINE 1 & GENERAL	rumours	
Chairpersons:	H. Amaral, Chile J.C. Meneghetti, Braz	il	
Keynote Lectures:	•		
174-SPA-2	I. Roca	Spain	Current trends in paediatric oncology
192-UK-3	J. Buscombe	UK	Radionuclide treatment of neuroendocrine tumours
234-URU-7	F. Mut Bastos	Uruguay	Cardiac effects of chemo-radiotherapy and current protocols for cardiac monitoring before and during cancer therapy
Contributed Paper	rs:		
13-ARG-11	M.S. Racioppi, et al	Argentina	Predictive value of Tc99m-Sestamibi scintigraphy in the assessment of neoadjuvant chemotherapy response in patients with high grade sarcomas
34-BRA-10	A.A.R. Chaves, et al	Brazil	Thallium-201 (TL) and sestamibi-99mTc (MB) SPECT in patients with central nervous system (CNS) lesions
56-CUB-1	Y. Peña Quian, et al	Cuba	Role of scintigammagraphy with 99mTc-gluthatione and 99m-Tc-MIBI in the evaluation and staging of lymphoma
71-GRE-1	T. Spyridonidis, et al	Greece	Prediction of response to first-line chemotherapy with sestamibi imaging, in lymphoma patients. A preliminary report.
72-GRE-2	D. Kryiaki, et al	Greece	Chromogranin-A: A specific tumor marker for the follow up of patients with metastatic carcinoid tumors. Comparison of different neuroendocrine tumor markers
79-IND-1	R. Krishnakumar, et al	India	Assessment of response of limb sarcoma to neoadjuvant chemotherapy with Tc99m sesta MIBI

14:00–15:45 SESSION 11 (cont'd): NEUROENDOCRINE TUMOURS & GENERAL

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
185-TUR-1	N.Ö. Küçük, et al	Turkey	Tc-99m MIBI SPECT for the evaluation of response to therapy in brain tumors – preliminary results
220-YUG-1	V. Obradovic, et al	Serbia and Montenegro	Detection of nasopharyngeal carcinomas by thallium-201 and technetium-99m sestamibi SPECT
15:45–16:00	Tea/Coffee Break		
16:00–17:30	SESSION 12: POSTER - II		
Chairpersons:	O. Demetriadou, Cyp J.A. Jara Yorg, Parag E. Barrenechea, Phil V.E. Soroa, Argentina	uay ippines	
10P-ARG-8	E.P. Parma, et al	Argentina	Radiolabelled peptides: Diagnosis, treatment and response evaluation
14P-ARG-12	M.S. Racioppi, et al	Argentina	Utility of Tc99m-Sestamibi scintigraphy in the post surgical assessment as a predictor of recurrencies in patients with osteosarcomas
15P-ARG-13	E.C. Noguera, et al	Argentina	99mTc-Cistine-Glucosamine in the evaluation of oncologic patients
16P-ARM-1	N. Hovhannisyan, et al Presented by: G. Khachatryan	Armenia	Breast cancer: Development of algorithms on the diagnostic process and prospective treatment control
20P-BGD-1	F. Alam, et al	Bangladesh	lodine-131 scintiscan and serum thyroglobulin level both are least dependable in detection of lymph node metastasis
21P-BGD-2	A.H. Jehan, et al	Bangladesh	Role of nuclear techniques in oncological practice in Bangladesh
33P-BRA-9	T. Watanabe, et al	Brazil	Influence of hormonal replacement with thyroxine in diagnostic evaluation of thyroid carcinoma with FDG using a dual head coincidence camera
36P-BRA-12	L.S. Machado, et al	Brazil	The role of technetium-99m-MIBI in the follow-up of differentiated thyroid carcinoma
39P-BRA-15	G. Junqueira Jr., et al	Brazil	Sentinel lymph node biopsy in local recurrence of cutaneous melanoma

16:00–17:30 SESSION 12 (cont'd): POSTER - II

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
48P-CPR-1	S. Chen, et al	China	Sentinel lymph nodes lymphoscintigraphy and biopsy in breast cancer
49P-CPR-2	Y. Dang, et al	China	FDG uptake in the fatty tissues of supraclavicular and the vascular structure of the lung hilum
51P-CPR-4	Y. Dang, et al	China	Clinical application of PET/CT imaging in search of the primary carcinoma
68P-EST-2	S. Nazarenko, et al	Estonia	Clinical value of FDG-PET in cutaneous malignant melanoma: First experience in Estonia
86P-IND-8	U. Ravishankar, et al	India	Treatment of thyroid cancer with I-131 in a private setup-our 5 year experience
100P-IND-22	S. Basu, et al	India	2-[F-18] FDG PET in uncommon malignancies
101P-IND-23	S. Basu, et al	Inida	18F-FDG PET in the clinical decision making of lymploma patients: Staging and prognostication, evaluating treatment response and residual disease and detecting preclinical relapse
109P-IRA-4	M. Moharamzadeh, et al	Iran, Islamic Republic of	Development of tPSA kit in detection and evaluation of prostate cancer in I.R. of Iran with assistance of IAEA technical co-operation
111P-JPN-1	N. Watanabe, et al	Japan	Effect of auger electrons internalized as indium-111-labeled N-MYC phosphorothioate antisense oligonucleotide (IN-111-N-MYC-AS) on human neuroblastoma cells – in vitro and in vivo studies
113P-LAT-1	J. Eglitis, et al	Latvia	Technological evolution of axillary lymphnodes radiological visualisation in breast cancer patients
114P-LEB-1	A. El Ezzi, et al	Lebanon	In vitro radioimmunoassay of prostate - specific antigen (PSA) for the screening and management of prostate cancer in Lebanon
115P-LIT-1	N. Jurkiene, et al	Lithuania	First experience of brain tumour scintigraphy with 99mTc-MIBI before and after surgery
117P-LIT-3	S. Tiskevicius, et al	Lithuania	Does breast radiographic apperance influence success of sentinel lymph node biopsy
118P-MAK-1	A. Ugrinska, et al	The Frmr.Yug. Republic of Macedonia	Tumor markers and bone scan in breast cancer patients

16:00–17:30 SESSION 12 (cont'd): POSTER - II

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
122P-MLI-1	S. Sidibé, et al	Mali	Hepatitis B virus and primary liver carcinoma in Mali
123P-MLT-1	A. Samuel, et al	Malta	Feasibility of performing I123 MIBG scintigraphy in patients with neuroblastoma in the Maltese islands
124P-MLT-2	R. Desai, et al	Malta	The ionising radiation (medical exposure) regulations - IR (ME) R, Malta
128P-NAM-1	K.S. von Wenzel-Obholzer, et al	Namibia	Nuclear oncology in a developing country: Namibia
136P-PER-1	G. Mendoza, et al	Peru	Correlation between PSA, bone scan and gleason score in patients with prostate cancer
137P-PER-2	R.E. Morales, et al	Peru	Intraoperative lymphatic mapping with Dextran Tc 99m and blud dye for sentinel node detection in patients with primary vulvar malignancies
138P-PER-3	P. Saavedra, et al	Peru	Ablation with iodine 131 in thirteen children and adolescents with differentiated cancer thyroid
139P-PER-4	R.E. Morales, et al	Peru	Intraoperative lymphatic mapping with Dextran Tc 99m and blud dye for sentinel node detection in patients with primary vulva following radiotherapy for cervical carcinoma
144P-PHI-4	C.C. Deocaris, et al	Philippines	Tumor suppressor p53 biology, its role in radioresponse and the analysis of p53 mutation/expression among Filipino breast cancers
146P-POL-2	A. Plachcinska, et al	Poland	Usefulness of receptor scintigraphy using 99mTc-EDDA/HYNIC-TOD in differential diagnostics of solitary pulmonary nodules
147P-POL-3	M. Bilski, et al	Poland	Use of the 131I-labeled monoclonal anti-B3 antibody for diagnosis of tumor neoangiogenesis
148P-POL-4	A. Hubalewska, et al	Poland	Preliminary clinical evaluation of somatostatin receptor scintigraphy (SRS) with 99mTc-EDDA/HYNIC-TATE in comparison to 111In-Octreoscan and 131 I MIBG scans
149P-POL-5	T. Budlewski, et al	Poland	The usefulness of 131-I-MIBG scintigraphy in assessing the staging of neuroectodermal tumors in children – our experience
156P-ROM-3	M. Gherghe, et al	Romania	The 99mTc MDP three phase bone scintigraphy in the evaluation of malignant bone and soft tissue tumors

16:00–17:30 SESSION 12 (cont'd): POSTER - II

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
159P-SAF-2	A.C. Otto, et al	South Africa	The evaluation of breast carcinoma with 99mTc sestamibi mammography
160P-SAF-3	A. Ellmann, et al	South Africa	Solitary pulmonary nodules: Tc-99m MIBI can discriminate between malignant and benign lesions in a region with a high prevalence of tuberculosis
165P-SLK-1	P. Koranda, <i>et al</i> Presented by: L. Kaliska	Slovakia	Efficacy of sentinel lymph node biopsy in patients with malignant melanoma using lymphoscintigraphy and intraoperative blue dye lymphatic mapping
167P-SLK-3	J. Lepej, et al	Slovakia	Availability of oncological nuclear medicine in the regions of Slovakia
169P-SLO-1	J. Fettich, et al	Slovenia	Production and clinical Evaluation of 99M-Tc-octreotide
170P-SLO-2	J. Fettich, et al	Slovenia	Evaluation of 4 methods to localise parathyroid adenoma using 99m-Tc-MIBI
171P-SLO-3	V. Fidler, et al	Slovenia	Development of new gamma camera localization method for sentinel nodes by image fusion and navigation in lymphoscintigraphy
188P-UKR-1	N. Pilipenko, et al	Ukraine	Radionuclide diagnosis of hemopoiesis disorders in cancer patients
196P-URU-2	J. Gaudiano, et al	Uruguay	Usefulness of radioguided surgery in osteoid osteoma
217P-VIE-1	Tran Xuan Truong, et al	Viet Nam	Measurement of some tumour markers by IRMA in Vietnam
221P-YUG-2	D. Sobic-Saranovic, et al	Serbia and Montenegro	Use of 99mTc-MIBI and 201Tl scintigraphy in evaluation of tumor necrosis in lung cancer
223P-YUG-4	J. Vojicic, et al	Serbia and Montenegro	Noticeable rise in incidence of hurthle cell carcinoma – are we paying the Chernobil toll?
224P-YUG-5	L. Jaukovic, et al	Serbia and Montenegro	Role of 99mTc-tetrofosmin scintimammography in diagnosis of breast cancer patients

THURSDAY, 22 JANUARY 2004

08:30-10:30 SESSION 13:

RADIOIMMUNO DETECTION & THERAPY / MOLECULAR NUCLEAR MEDICINE

Chairpersons: A. Alavi, USA

A.J. McEwan, SNM

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures):		
129-NET-1	F.H.M. Corstens	EANM	Radionuclide treatment of non-hodgkin's lymphoma
194-UK-5	A. Al-Nahhas	UK	Use of PET in cancer thyroid
209-USA-9	M. L. Goris	USA	Treating low grad non-hodgkin's lymphoma with radiolabeled anti-CD20
213-USA-13	G. Wiseman	USA	Radionuclide therapy of non-hodgkin's lymphoma
Contributed Pape	ers:		
97-IND-19	S. Basu, et al	India	The role of whole body PET with 2-[F-18] FDG in medullary carcinoma thyroid (MCT)
110-ISR-1	I. Garty, et al	Israel	Radioimmunoscintigraphy: General review, self experience and some "tips" for beneficial use and correct interpretation
226-SWE-1	J. Elgqvist	Sweden	Radioimmunotherapy of intraperitoneally growing NIH:OVCAR cells in nude mice with 211At conjugated monoclonal antibody MX35
10:30–11:00	Tea/Coffee Break		
11:00–13:00	SESSION 14: MOLECULAR NUCL	EAR MEDICINE	
Chairpersons:	F.H.M. Corstens, EA H.D. Royal, SNM	NM	
Keynote Lectures	x:		
214-USA-14	H. Abdel-Dayem	USA	New challenges in PET imaging
		USA	Functional and metabolic imaging of brain tumours

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Contributed Paper	rs:		
12-ARG-10	M.S. Racioppi, et al	Argentina	Efficiency of PET/CT in the selection of biopsy sites. Presentation of two clinical cases
29-BRA-5	S. Dragosavac, et al	Brazil	18F-FDG images of a gastro-intestinal stromal tumor performed before and after treatment
47-CHI-1	T. Massardo Vega, et al	Chile	Experience with PET FDG: Preliminary analysis
50-CPR-3	Y. Dang, et al	China	The clinical value of PET/CT in diagnosis and management of the lung nodule
99-IND-21	S. Basu, et al	India	2-[F-18] FDG PET in the clinical decision making of esophageal carcinoma: Initial staging and restaging, evaluating treatment response and residual disease and detecting relapse
143-PHI-3	F.G.M. Estrada, <i>et al Presented by:</i> E.A. Barrenechea	Philippines	PET in oncology: The Philippine setting
151-ROK-1	S-E. Kim, et al	Korea, Republic of	Intraindividual comparison of F-18-FLT PET and F-18 FET PET in brain tumor patients
13:00–14:00	Lunch Break		
14:00–15:45	SESSION 15: LIVER CANCER		
Chairpersons:	C.R. Divgi, SNM F.X. Sundram, Singap	ore	
Keynote Lectures:			
78-IAEA-2	A.K. Padhy	IAEA	IAEA initiatives in liver cancer
236-USA-17	F.F. (Russ) Knapp, Jr.	USA	Rhenium Radio-pharmaceuticals for therapy of oncological disorders
193-UK-4	J. Buscombe	UK	Treatment of HCC with I-131 lipiodol

14:00–15:45 SESSION 15 (cont'd): LIVER CANCER

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Contributed Pape	prs:		
38-BRA-14	F. Riccardi, et al	Brazil	Carcinogenesis induction with diethylnitrosamine in mice: A tumor model for the evaluation of unresectable primary or metastatic liver carcinoma treatment with radioisotopes
52-COL-1	P. Bernal Trujillo, et al	Colombia	Evaluation of rhenium-188 lipiodol in the treatment of liver cancer: Experience in Colombia between 2001–2003
89-IND-11	A. Kumar, et al	India	Transarterial Re-188 labeled lipiodol therapy in cases of inoperable hepatocellular carcinoma
103-IND-25	D.K. Hazra, et al	India	Experience with an anti TPS monoclonal in radioimmunotargeting in hepatic metastases
125-MON-1	P. Onkhuudai, et al	Mongolia	Transarterial radionuclide Re-188-Lipiodol treatment of HCC
164-SIN-1	F.X. Sundram, et al	Singapore	Preliminary results of transarterial rhenium-188 HDD lipiodol in treatment of inoperable primary hepatocellular carcinoma
219-VIE-3	Trinh Thi Minh Chau, et al	Vietnam	Some preliminary experiences on treatment unoperable liver cancer with Re-188 HTDD lipiodol
15:45–16:00	Tea/Coffee Break		
16:00–17:30	SESSION 16: INTERACTIVE SESSION	ON	
Faculty:	H.D. Royal / A.J. McEwan / C.R. Divgi / S.J. Goldsmith, SNM A. Alavi, USA		
Participants:	All participants of the Symposium are encouraged to participate and contribute in this interactive session.		

FRIDAY, 23 JANUARY 2004

08:30-10:30 SESSION 17:

PALLIATIVE CARE AND OTHER THERAPIES

Chairpersons: F. Mut Bastos, Uruguay

G. Wiseman, USA

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures:			
45-CAN-1	A.J. McEwan	SNM	Treatment of metastatic bone pain
207-USA-7	S.J. Goldsmith	SNM	Development of radiolabeled anti-PSMA monocolonal antibody for prostate cancer diagnosis and therapy
212-USA-12	F. C-L. Wong	USA	Intrathecal therapy of leptomeningeal metastases using I-131 NaI
Contributed Paper	rs:		
11-ARG-9	E.P. Parma, et al	Argentina	Retreatment with 153Sm EDTMP in painful skeletal metastases
65-CZR-5	M. Mosa, et al	Czech Republic	Palliative radionuclide therapy by means of samarium-153
69-EST-3	S. Nazarenko, <i>et al Presented by:</i> A. Poksi	Estonia	Bone pain palliation with 153-Sm-EDTMP: An eight year clinical experience in North Estonia
91-IND-13	G.N. Mahapatra, et al	India	Use of strontium chloride (89Sr) in evaluation of painful bone metastases arising from carcinoma of prostate gland
95-IND-17	U. Pandey, et al Presented by: M. Venkatesh	India	Radioactive skin bandages incorporating 90Y, 188Re and 32P for treatment of superficial tumors
134-PAR-2	J.A. Jara Yorg, et al	Paraguay	Palliative bone pain treatment with "Samarium EDTMP in prostate and breast cancer in Paraguay"
140-PER-5	N. Alvarado Ruiz, et al	Peru	Results after therapy of pain from bone metastases with samarium 153 in our centers in Lima, Peru
10:30–11:00	Tea/Coffee Break		

11:00-13:00 **SESSION 18: CLOSING**

Chairpersons: K.E. Britton, UK

M-C. Lee, WFNMB

No. of Paper IAEA-CN-117-	Name(s)	Designating Member State/Organization	Title of Paper
Keynote Lectures:			
205-USA-5	C.R. Divgi	SNM	Future perspectives in therapeutic nuclear oncology
208-USA-8	A. Alavi	USA	Molecular imaging with PET. Prospects for 21st century
Highlights and Closing remarks:	O. Estrela Anselmi A.K. Padhy	Brazil IAEA	

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