

NIRS-MD Anderson Symposium on Clinical Issues for Particle Therapy

March 21 & 22, 2008

Houston Marriott Medical Center

6580 Fannin Street, Houston, Texas 77030, USA

Friday, March 21

Opening

8:30 Opening Remarks

Session 1 Clinical Experiences at NIRS

Chairpersons: H. Tsujii/J. Cox

8:50 Overview H. Tsujii, NIRS
9:10 Head & Neck J. Mizoe, NIRS
9:20 Hepatoma H. Kato, NIRS
9:30 Bone & Soft Tissue Sarcoma T. Kamada, NIRS
9:40 Lung T. Sugane, NIRS
9:50 Uterine Cervix S. Kato, NIRS
10:00 Rectum S. Yamada, NIRS
10:10 Discussions
10:30 Coffee Break

Session 2 Clinical Experiences at MDACC

Chairpersons: J. Cox/H. Tsujii

11:00 Prostate A. Lee, MDACC
11:10 Lung J. Cox, MDACC
11:20 Pediatric S. Woo, MDACC
11:30 Lunch

Session 3 Treatment Strategies for Prostate Lung and Skull Base Tumors

Chairpersons: T. Kamada/S. Woo

13:00 Prostate H. Tsuji, NIRS
13:20 Prostate A. Lee, MDACC
13:40 Lung M. Baba, NIRS
14:00 Lung R. Komaki, MDACC
14:20 Skull Base A. Hasegawa, NIRS
14:40 Skull Base A. Mahajan, MDACC
15:00 Coffee Break

Session 4 Evaluation/Comparison of Clinical Results: Protons & Carbon Ions

Chairperson: R. Komaki

15:30 Japanese Way T. Kamada, NIRS
15:45 MDACC Way J. Cox, MDACC
16:00 Discussions

Saturday, March 22

Session 5 Physics (1) Scanning Techniques

Chairpersons: T. Kanai/A. Smith

8:30 Overview of NIRS Accelerator Activity K. Noda, NIRS
8:50 Treatment Planning for Carbon Beam T. Inaniwa, NIRS
9:10 NIRS Scanning T. Furukawa, NIRS
9:30 Treatment Planning for Proton Beam
R. Zhu & C. Amos, MDACC
A. Smith & M. Gillin, MDACC
9:50 MDACC Scanning
10:10 Coffee Break

Session 6 Physics (2) Chairpersons: T. Kanai/M. Gillin

10:40 Treatment of Moving Target at NIRS S. Mori, NIRS
11:00 Treatment of Moving Target at MDACC P. Balter, MDACC
11:20 Neutron Exposure during the Treatments N. Matsufuji, NIRS
11:40 Dosimetry & RBE for Carbon Ion Therapy T. Kanai, NIRS
12:00 Lunch

Session 7 Invited Talks

Chairperson: R. Mohan

13:30 Neutrons Secondary to Proton Therapy: Problems and Solutions E. Hall, Columbia Univ.
14:15 The Finite Range: Blessing and Curse T. Bortfeld, Partners
15:00 Molecular Imaging Perspectives for Radiation Oncology C. Chao, MDACC
15:45 Discussions
16:00 Coffee Break

Session 8 Biology

Chairpersons: R. Okayasu/R. Meyn

16:30 LET and Biological Effectiveness to Heavy-Ion Beams Y. Furusawa, NIRS
16:50 Radiobiological Considerations for Combining Molecularly Targeted Agents with Proton Radiotherapy R. Meyn, MDACC
17:10 Radiobiology for Heavy-Ion Radiotherapy R. Okayasu, NIRS
17:30 Genetic Variation and Radiosensitivity: towards an Individualized Radiation Therapy M. Iwakawa, NIRS
17:50 (Title to be determined) T. Buchholz, MDACC

Closing

Organized by National Institute of Radiological Sciences and M. D. Anderson Cancer Center
Chair Organizers : Hirohiko Tsujii (NIRS) & James D. Cox (MDACC)

Registration Fee: \$350 * Registration form on the back

Registration : Sheri Axtell, CRA, University of Texas M. D. Anderson Cancer Center, Dept. of Experimental Radiation Oncology/66, 1515 Holcombe Blvd., Houston, Texas 77030 Tel: 713-792-0963 Fax: 713-794-8369

<http://www.nirs.go.jp/ENG/info/080321.shtml>

NIRS-MD Anderson Symposium on Clinical Issues for Particle Therapy

March 21-22, 2008 Participant Registration Form

Name: _____

Title/Department: _____

Address/Box #: _____

Phone #: () _____ Fax #: () _____

Email: _____

Registration Fee \$350

Registration is limited.

Payment due by 1/31/08:

_____ Check Made Payable to "**The University of Texas M.D. Anderson Cancer Center**"
_____ Co/ Ctr (M.D. Anderson Employees Only)

Registration fee for spouse is an additional \$350. Please call for separate registration form.

Hotel Accommodations:

Please make your hotel accommodations at the Houston Marriott Medical Center
Block rooms are available for this meeting.

* For reservation, call 1/800-228-9290, or contact Elvi Schwandt (Elvi.Schwandt@marriott.com, tel:210-403--6926),
Sales Manager, Texas Regional Sales Office.

Meals:

The following meals will be provided. Please check whether or not you will attend:

- Yes No Reception – Thursday, 3/20/08
 Yes No Breakfast – Friday, 3/21/08
 Yes No Lunch – Friday, 3/21/08
 Yes No Dinner – Friday, 3/21/08
 Yes No Breakfast – Saturday, 3/22/08
 Yes No Lunch – Saturday, 3/22/08

Requests after 2/15/08 will not be accepted

Return this form with payment before 1/31/08 to:

Sheri Axtell, CRA
University of Texas M.D. Anderson Cancer Center
Department of Experiment Radiation Oncology – 66
1515 Holcombe Boulevard
Houston, Texas 77030
Fax: 713-794-5369 Phone: 713-792-3424