

# 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 & R. Amos, MDACC  
9:50 MDACC Scanning A. Smith & M. Gillin, MDACC  
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 Neutron Exposures during Proton Irradiation for Pediatric CNS Tumors M. Salehpour, MDACC  
12:00 Dosimetry & RBE for Carbon Ion Therapy T. Kanai, NIRS  
12:20 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, MGH  
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 Genetic Variation and Radiosensitivity: towards an Individualized Radiation Therapy 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: 713-794-5369

<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](mailto: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  
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