2015 HENRY FORD BRAIN TUMOR SYMPOSIUM

FOCUSED FORWARD:
New Thoughts on Brain Tumor Treatment

April 24, 2015
MGM Grand Detroit
1777 Third Ave., Detroit, Mich.

REGISTER NOW!
2015 Henry Ford Brain Tumor Symposium

FOCUSED FORWARD:
New Thoughts on Brain Tumor Treatment

Call (313) 916-8212 or email: cwilli30@hfhs.org

WELCOME TO DETROIT • TRAVEL INFORMATION

Airport: Detroit Metro Wayne County Airport (DTW) is one of the largest air transportation hubs in the country, approximately 20 miles away from MGM Grand Detroit.

Ground Transportation: Metro Car reservations can be made by calling 1-800-456-1701.
Leadership, Innovation and Collaboration

The treatment of brain tumors has long been a focus of the Henry Ford Neuroscience Institute. Our Hermelin Brain Tumor Center is a national leader in research and advanced brain tumor therapies. The Center is one of only 15 brain tumor centers nationwide – and the only center from Michigan – participating in the National Cancer Institute’s Adult Brain Tumor Consortium to provide the most advanced care to patients in the United States. We offer innovative surgical options, including the first high-field intraoperative MRI in Michigan for the most complete tumor removal possible.

The Henry Ford Neuroscience Institute spearheads dozens of brain tumor related clinical trials each year, with more than $30 million in research funding over the past decade and nearly half of all our patients enrolled in a clinical trial.

With this strong foundation, we are pleased to host the first ever Henry Ford Brain Tumor Symposium. **Focused Forward: New Thoughts on Brain Tumor Treatment** to coincide with the 100th anniversary of Henry Ford Hospital. This event will also honor and celebrate the achievements of Dr. Mark Rosenblum’s 22-year tenure as Chair of the Department of Neurosurgery. We are very excited to welcome multiple brain tumor experts to our event from around the country.

I look forward to seeing you at our all-day symposium Friday, April 24, 2015 at the MGM Grand in Detroit. I hope you also will be able to join us for a welcome reception on Thursday evening, April 23, 2015, at the Henry Ford Innovation Institute. I anticipate that this symposium will be a dynamic and innovative exchange of ideas, and I hope you can be a part of it.

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**SYMPHOSIUM GUEST SPEAKERS**

Multiple national luminaries and brain tumor experts will be sharing the latest on brain tumor treatments:

- **Mitchel S. Berger, M.D.**
  Professor and Chairman, Department of Neurological Surgery
  University of California, San Francisco

- **Ennio A. Chiocca, M.D., Ph.D.**
  Chair, Department of Neurosurgery
  Co-Director, Institute for the Neurosciences
  Harvard Medical School

- **Mark Gilbert, M.D.**
  Chief, Neuro-oncology Branch (N08), NCININDS
  National Institutes of Health

- **Pedro Lowenstein, M.D., Ph.D.**
  Professor, Neurosurgery
  Professor, Cell and Developmental Biology
  University of Michigan

- **James T. Rutka, M.D., Ph.D., FRCSC, FACS, FAAP, FAANS**
  KS McLellhan Professor and Chair, Department of Surgery
  University of Toronto

- **Samuel Ryu, M.D.**
  Chair, Department of Radiation Oncology
  Deputy Director of Clinical Affairs
  Stony Brook Cancer Center
  Professor of Radiation Oncology and Neurosurgery
  School of Medicine and Hospital
  Stony Brook University

- **Raymond Sawaya, M.D.**
  Professor and Chairman, Department of Neurosurgery
  The University of Texas MD Anderson Cancer Center

- **Beverly Claire Walters, M.D., MSc, FRCSC, FACS**
  Chief Executive Officer
  Accelerate Brain Cancer Cure

- **Max Wallace**
  Chief Executive Officer
  Accelerate Brain Cancer Cure

- **Karin M. Muraszko, M.D.**
  Julian T. Heff Professor and Chair
  Department of Neurosurgery
  University of Michigan

- **Steven N. Kalkanis, M.D.**
  Professor and Chair, Department of Neurosurgery
  Henry Ford Hospital
  Co-Director, Neuroscience Institute
  Henry Ford Health System
SYMPOSIUM AGENDA
Friday, April 24, 2015

8:00 - 8:25 a.m. Welcome from Steven Kalkanis, M.D.
8:25 - 8:40 a.m. Historical and Future Perspectives in Brain Tumor Therapy - Honored Guest: Mark Rosenblum, M.D.

Session 1: Clinical Controversies and Operative Techniques
8:45 - 9:05 a.m. Low Grade Gliomas: From Bench to Bedside - Mitchel Berger, M.D.
9:15 - 9:30 a.m. Laser Interstitial Thermal Ablation for Brain Tumors - Ian Lee, M.D.
9:30 - 9:50 a.m. Surgical Management of Brain Metastases - Raymond Sawaya, M.D.
9:50 - 10:00 a.m. Finding the Edge(TM) against Brain Tumors: The Henry Ford Hospital Experience - M. Salim Siddiqui, M.D.
10:00 - 10:10 a.m. Break and Exhibits
10:10 - 10:30 a.m. Recent Studies of Brain Tumor Treatments: Paving the Way for Future Progress - Mark Gilbert, M.D.
10:30 - 10:50 a.m. How MicroRNAs Affect Gioma Pathobiology - Ennio Chiocca, M.D., Ph.D.

CASE PRESENTATIONS: “Modern Management of Meningiomas and Pituitary Tumors - the Role of Surgery, Radiation Therapy, Medications and Watchful Waiting”: Interactive Commentary with Honored Guest Surgeon Panel – Mitchell Berger, M.D.; Raymond Sawaya, M.D.; Nino Chiocca, M.D., Ph.D.; James Rutka, M.D., Ph.D., FRCS, FACS, FAAR FAANS
10:50 - 11:05 a.m. Modern Management of Meningiomas - Ghaus Malik, M.D.
11:05 - 11:20 a.m. Pituitary Adenoma - Jack Rock, M.D.
11:20 - 11:25 a.m. Introduction of Session 2 - Steven Kalkanis, M.D.

Session 2: Gene Therapy, Molecular Targeting and the Future of Clinical Trials
11:25 - 11:45 a.m. Mechanisms of Glioma Formation: Computational and Experimental Studies on the Role of Pre-existing Vessels vs. Neoangiogenesis - Pedro Lowenstein, M.D., Ph.D.
11:45 - 12:00 p.m. Protein Induced In Situ Cell Reprogramming Therapy for Cancers - Michael Chopp, Ph.D.
12:00 - 12:15 p.m. Targeting Brain Tumor Stem Cells: Novel Signaling Pathways in Therapeutic Approaches - Chaya Brodie, Ph.D.
12:15 - 12:25 p.m. Molecular heterogeneity and Drug Response in Glioblastoma Patient-Derived Xenografts (PDG) - Ana deCarvalho, Ph.D.
12:25 - 12:45 p.m. Translational impact from TCGA - from Animal Models to Molecular Tumor Boards - Tom Mikkelsen, M.D.

SYMPOSIUM AGENDA (continued)
Friday, April 24, 2015

12:45 - 2:00 p.m. LUNCH and MOLECULAR TUMOR BOARD
12:45 - 1:30 p.m. Lunch
1:30 - 1:50 p.m. Molecular Tumor Board led by Drs. Tom Mikkelsen and Tobias Walbert, and experts in medical oncology, radiation oncology, radiology and pathology along with our Clinical Trials Office staff
1:50 - 2:00 p.m. Break and Exhibits

Session 3: Spinal and Pediatric Tumors
2:00 - 2:20 p.m. Update on Pediatric Brain Tumors - Karin Muraszko, M.D.
2:20 - 2:40 p.m. Developing Spine Radiosurgery at Henry Ford - Samuel Ryu, M.D.
2:40 - 2:50 p.m. Spine and Spinal Cord Tumors: Surgical Approaches - Muwaffak Abdulhak, M.D.
2:50 - 3:00 p.m. Case Presentation: Spine Tumor - Stereotactic Radiosurgery vs. Surgery - Ian Lee, M.D. and Adam Robin, M.D.
3:00 - 3:10 p.m. Break and Exhibits

3:10 - 3:20 p.m. Quality Matters. Quality of Life in Brain Tumors - Tobias Walbert, M.D., MPH
3:20 - 3:30 p.m. Outcomes Analysis in Brain Tumors: New Opportunities  - David Nerenz, Ph.D.
3:30 - 3:45 p.m. Role of Guidelines in Clinical Practice - Beverly Walters, M.D., MSc, FRCS, FACS
3:45 - 4:05 p.m. Brain Tumor Research – A Venture Philanthropist’s View - Max Wallace
4:05 - 4:25 p.m. What Mark Rosenblum Taught Me: An Odyssey in Brain Tumour Research - James Rutka, M.D., Ph.D., FRCS, FACS, FAAR FAANS
4:25 - 4:30 p.m. Closing Remarks - Steven Kalkanis, M.D.
4:30 - 5:00 p.m. Questions, Time with Exhibitors, Symposium Ends
FACULTY/PLANNING COMMITTEE DISCLOSURE STATEMENT:
In Compliance with the ACCME Standards for Commercial Support, all individuals in a position to control/influence the content of this activity are required to disclose relevant financial interests of their own or spouses or partners with any commercial interests and/or non-FDA approved use of a drug or a device that is included in the presentation.

ACCREDITATION STATEMENT:
Henry Ford Health System is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

DESIGNATION STATEMENT:
Henry Ford Health System designates this live course for a maximum of 7.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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All individuals in a position to control/influence the content of this activity are required to disclose relevant financial interests of their own or spouses or partners with any commercial interests and/or non-FDA approved use of a drug or a device that is included in the presentation.

HENRY FORD FACULTY SPEAKERS

Muwafak Abdulhak, M.D.
Director, Spine Program
Department of Neurosurgery
Henry Ford Hospital

Chaya Brodie, Ph.D.
Director, Basic and Translational Research
Hermelin Brain Tumor Center
Department of Neurosurgery
Henry Ford Hospital

Michael Chopp, Ph.D.
Director of Neuroscience Research
Henry Ford Hospital

Ana deCarvalho, Ph.D.
Senior Staff, Assistant Scientist
Hermelin Brain Tumor Center
Department of Neurosurgery
Henry Ford Hospital

Thomas Doyle, M.D.
Senior Staff, Division of Hematology Medical Oncology
Henry Ford Hospital

Michelle Felicella, M.D.
Neuropathologist
Department of Pathology and Neurosurgery
Henry Ford Hospital

Charlie Hao, M.D., MSc, Ph.D., FRCP
Chief of Neuropathology
Neuropathologist
Department of Pathology and Neurosurgery
Henry Ford Hospital

Steven Kalkanis, M.D.
Professor and Chair
Department of Neurosurgery
Co-Director, Hermelin Brain Tumor Center
Henry Ford Hospital

Ian Lee, M.D.
Senior Staff
Department of Neurosurgery
Henry Ford Hospital

Ghaus Malik, M.D.
Director, Neurovascular Program
Executive Vice Chairman, Department of Neurosurgery
Henry Ford Hospital

Tom Mikkelson, M.D.
Co-Director, Hermelin Brain Tumor Center
Director, Medical Neuro-Oncology Program
Department of Neurosurgery and Neurology
Henry Ford Hospital

David Nerenz, Ph.D.
Senior Staff
Department of Neurosurgery
Henry Ford Hospital

M. Salim Siddiqui, M.D.
Director, Stereotactic Radiosurgery Program
Department of Radiation Oncology
Henry Ford Hospital

Tobias Walbert, M.D., MPH
Medical Neuro-oncology
Department of Neurosurgery and Neurology
Henry Ford Hospital

Farzan Siddiqui, M.D.
Senior Staff, Department of Radiation Oncology
Henry Ford Hospital

Ding Wang, M.D.
Senior Staff, Division of Hematology Medical Oncology
Henry Ford Hospital

John C. Rock, M.D.
Director, Skull Base Surgery Program
Department of Neurosurgery
Henry Ford Hospital

Mark L. Rosenblum, M.D.
Chair, Emeritus, Department of Neurosurgery
Henry Ford Hospital

Charlie Hao, M.D., MSc, Ph.D., FRCP
Chief of Neuropathology
Neuropathologist
Department of Pathology and Neurosurgery
Henry Ford Hospital

Jack Rock, M.D.
Director, Skull Base Surgery Program
Department of Neurosurgery
Henry Ford Hospital

Steve Robin, M.D.
Resident, Department of Neurosurgery
Henry Ford Hospital

Henry Ford Innovation Institute
2799 West Grand Blvd., Detroit, MI 48202
6:30 - 8:00 p.m.

APRIL 23
WELCOME RECEPTION

2015 HENRY FORD BRAIN TUMOR SYMPOSIUM
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MGM Grand Detroit, Detroit, Michigan
8:00 a.m. - 5:00 p.m.

Who should attend?
Practitioners and health care professionals who seek the latest developments in brain tumor treatments including: neurosurgeons, neuro-oncologists, radiation oncologists, medical oncologists, spine surgeons, otolaryngologists, nurses, physician assistants, nurse practitioners, fellows and residents.

Hotel Accommodations:
Henry Ford Health System has arranged special pricing for guests of the 2015 Brain Tumor Symposium at the MGM Grand Hotel. Register by March 25, 2015 and receive the room rate of $185/night. Please call 1-877-888-2121 and mention “brain tumor symposium.”

Registration and information:
Please go to henryford.com/2015brain tumorsymposium
For more information please contact Cari Williamson
Phone: 313-916-8212
Email: CWilli30@hfhs.org

Registration Fees:
Physicians - $200.00
Nurses - $125.00
Midlevel Providers - $125.00
Residents - $125.00

Henry Ford Health System is committed to ensuring that our guests who are deaf or hard-of-hearing have equal access to all the services provided at our facilities. We provide at no cost the appropriate auxiliary aids and services. To request an assistive listening device or service, call (313) 876-9250 or email bjtneis1@hfhs.org.

APRIL 24
Henry Ford Innovation Institute
2799 West Grand Blvd., Detroit, MI 48202
6:30 - 8:00 p.m.

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By May 30, 2015 and receive the room rate of $185/night. Please call 1-877-888-2121 and mention “brain tumor symposium.”