



4th Meeting of the **International Radiosurgery Research Foundation**

in collaboration with

International Stereotactic Radiosurgery Society & Leksell Gamma Knife Society

June 18-20, 2020

irr-f.org/new-york-2020

Venue: Long Island Marriott, Uniondale, N.Y.

Social Event: Cradle of Aviation Museum

Hosted by Northwell Health

Course Directors

Michael Schulder, MD

Douglas Kondziolka, MD

John Suh, MD

Anuj Goenka, MD

IRRF Executive Committee

Gene Barnett (Cleveland Clinic)

Jason Sheehan (University of Virginia)

Veronica Chiang (Yale University)

For more information, contact:

Ajay Niranjana, MD, at

niranjana@upmc.edu



Fourth Scientific Meeting of the International Radiosurgery Research Foundation

Program Information

Day 1

7:00-8:00 a.m. Registration, coffee, exhibitors
8:00-8:05 a.m. Welcome (Michael Schulder)

Session 1:

Brain Metastases: Pushing the Boundaries

8:05-8:20 a.m. Higher numbers of tumors
8:20-8:35 a.m. Larger tumors, single session
8:35-8:50 a.m. Larger tumors, multi-session
8:50-9:05 a.m. Repeat radiosurgery for failure
9:05-9:20 a.m. Tumor resection bed radiosurgery
9:20-10:30 a.m. (submitted abstracts)
10:30-10:45 a.m. (coffee break)

Session 2:

Brain Metastases: Radiosurgery, Medical Management, and Response Evaluation

10:45-10:55 a.m. Drug therapies and radiosurgery for lung cancer
10:55-11:05 a.m. Drug therapies and radiosurgery for melanoma
11:05-11:20 a.m. Understanding response: adverse effects vs tumor progression
11:20-11:30 a.m. Medical management of adverse radiation effects
11:30-11:40 a.m. Surgical management of adverse radiation effects
11:40 a.m.-12:30 p.m. (submitted abstracts)
12:30-1:30 p.m. (lunch)

Session 3:

Benign Tumors: New Research Findings

1:30-1:45 p.m. Vestibular schwannomas: research update
1:45-2:00 p.m. Meningiomas: research update
2:00-2:15 p.m. Pituitary tumors: research update
2:15-2:30 p.m. Multi-session radiosurgery: techniques and indications
2:30-3:00 p.m. (submitted abstracts)
3:00-3:15 p.m. (coffee break)

Session 4:

Trigeminal Neuralgia and Radiobiology: New Research Findings

3:15-3:25 p.m. Dose planning to improve trigeminal neuralgia outcomes
3:25-3:35 p.m. Is trigeminal radiosurgery for drug failure or should it be done earlier?
3:35-3:45 p.m. Current physics research: more accurate, more reliable?
3:45-4:00 p.m. Biologically Equivalent Dose (BED): worthwhile or practical?
4:00-4:20 p.m. Towards the optimal dose plan: what parameters and indices actually matter?
4:20-5:00 p.m. (submitted abstracts)
5:00-6:00 p.m. Reception
6:00 p.m. Free evening

Day 2

Session 5:

Vascular Malformations and Gliomas

8:00-8:15 a.m. Arteriovenous malformations: research from multicenter studies
8:15-8:30 a.m. Techniques for larger volume AVMs
8:30-8:45 a.m. Managing adverse effects of AVM radiosurgery
8:45-9:00 a.m. Current indications and outcomes for glioma radiosurgery
9:00-9:15 a.m. Current radiosurgery research for "other tumors"
9:15-10:30 a.m. (submitted abstracts)
10:30-10:45 a.m. (coffee break)

Session 6:

Clinical Research Design: What are the Key Questions to Address?

10:45-11:00 a.m. Brain metastases
11:00-11:15 a.m. Vestibular schwannomas
11:15-11:30 a.m. Meningiomas
11:30-11:45 a.m. Arteriovenous malformations
11:45 a.m.-12:00 p.m. Functional disorders (lunch)
12:00-1:00 p.m. IRRF Board Meeting luncheon

Session 7:

Radiosurgery Practice Workshops

1:00-4:00 p.m.

Station 1: Practical Aspects of Dose Planning

Leading radiosurgery manufacturers will provide several computers for training and education of new users or anyone desiring additional training. The session will be taught by experienced clinicians together with a corporate software specialist.

Station 2: Software Development with the Manufacturers: Needs and Wants

In this unique breakout session, clinicians will participate in the future of device and software development. Companies will solicit feedback from meeting attendees with regard to their software needs, user interface requests and ideas for improved workflow efficiencies.

Station 3: Data Collection: Working with Registries

This session will provide an overview of current registry design, how data is collected, and how data is accessed and analyzed.