



**Lenox Hill Hospital**  
Northwell Health®



**DONALD AND BARBARA**  
ZUCKER SCHOOL of MEDICINE  
AT HOFSTRA/NORTHWELL

The Feinstein Institute for Medical Research  
and Zucker School of Medicine present

# Brain Tumor Biotech Summit 2019

**Innovate.  
Collaborate.  
Accelerate.**

**Friday, June 7, 2019**

**7am – 5pm**

**Lenox Hill Hospital  
Einhorn Auditorium Entrance  
131 East 76th Street  
New York, NY 10075**





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Northwell Health®



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AT HOFSTRA/NORTHWELL**



**John A. Boockvar, MD**

Vice Chair, Department of Neurosurgery

Director, Brain Tumor and Pituitary/  
Neuroendocrine Centers

Lenox Hill Hospital/Manhattan Eye,  
Ear and Throat Hospital

Investigator, Brain Tumor Laboratory

Feinstein Institute for Medical Research

Professor, Neurosurgery and  
Otolaryngology

Zucker School of Medicine at Hofstra/  
Northwell

Dear Colleagues,

The 2019 Brain Tumor Biotech Summit brings together innovators in neuroscience and oncology with investors whose generous funding makes it possible for us to advance the science. Its mission is a call to action: Innovate. Collaborate. Accelerate. Our goal is to foster and encourage collaboration among our neuroscience colleagues in order to accelerate the development of new, life-saving therapies for patients with brain tumors and other CNS diseases.

Over the course of the day, you'll hear from dozens of preeminent researchers who are pushing the frontiers of neuroscience and oncology, as well as leaders from the investment community with insights into the commercial aspects of our work.

There will be plenty of opportunity for networking. As Steve Jobs said to his biographer, Walter Isaacson, "Creativity comes from spontaneous meetings, from random discussions. You run into someone, you ask what they're doing, you say, 'Wow,' and soon you're cooking up all sorts of ideas." We hope that you will take full advantage of this unique constellation of great minds to make some fruitful connections.

All of us are here today because we are deeply committed to advocating for our patients who suffer from these incurable diseases. So let's join together to innovate, collaborate, and accelerate cures.

Enjoy the day and thank you all for your participation and support.

Sincerely,

John A. Boockvar, MD

## Program of the Day

7am Registration and Continental Breakfast

7:50am Welcome and Introduction  
John Boockvar, MD

### Morning Scientific Session I – Immunotherapy and the Treatment of GBM

Session Moderators: Alexis Demopoulos, MD & Marc Symons, PhD

8am **The Importance of Novel Cancer Therapeutics and Phase I Clinical Trials**  
Robert Maki, MD, PhD, FACP, FASCO

8:20am **Update on Immunotherapy and Treatment of GBM**  
**Keynote Speaker: William Curry, MD**

8:40am **Immuno-oncology in the Treatment of GBM**  
Matthew Fury

9am **Overcoming Tumor Immune Suppression Using a Novel Retroviral Replicating Vector**  
Harry Gruber, MD

9:20am **Questions & Answers**

9:30am **Networking Coffee Break**  
Weisner Conference Center

### Morning Scientific Session II – Precision Medicine and New Technologies to Treat GBM

Session Moderators: Deborah Gruber, MD & Rosamaria Ruggieri, PhD

10am **Reinventing Clinical Research for the Precision Medicine Era**  
William Hoos, MS, MBA

10:20am **Innovations in Brain Tumor Surgery in the Precision Medicine Era**  
**Keynote Speaker: Steven Kalkanis, MD**

10:40am **Glioblastoma Subtypes: Matching Patients to Therapies**  
Steven Davis

11am **Questions & Answers for Precision Medicine Panel**

11:20am **Featured Company Spotlight: EMulate Therapeutics – an investigational medical device for treating brain cancer**  
**Donna Morgan Murray, PhD**

11:35am **Autologous Tissue Transfers to Bypass the Blood Brain Barrier for Human GBM**  
John Boockvar, MD and Nitesh Patel, MD

12pm **Lunch and Networking**

1pm **Patient Caregiver Forum: What can providers do better for patients and their loved ones?**

1:30pm **Panel Discussion – Cancer Therapies and Drug Discovery: Where are we going in industry, biotech and Pharma?**  
Moderator: Richard Barakat, MD, MBA  
Panelists: Franklin Berger, CFA; Jonathan Siegel; Matt Cohen, PhD; Bruce Leuchter, MD; David Tuveson, MD, PhD

### Afternoon Scientific Session I – Novel Applications and Treatments for Malignant Glioma

Session Moderator: Michael Schulner, MD, FAANS

2:05pm **Artificial Intelligence in the Neuroimaging of Glioma: Game on!**  
Christopher Filippi, MD

2:25pm **EGFR-targeted, doxorubicin-packaged nanocells for treatment of recurrent glioma: pre-clinical and clinical update**  
Himanshu Brahmbhatt, PhD

2:45pm **Selective Targeting of Dopamine Receptor D2 by ONC201 for H3 K27M-mutant Glioma**  
Joshua Allen, PhD

3:05pm **5 ALA Dye: Where are we now, where are we going?**  
Alan Ezrin, PhD

3:25pm **Lauren Sciences V-Smart® Nanomedicine for GBM: LAUR-401 (V-Smart®-Irinotecan)**  
Susan Rosenbaum, J.D.

3:45pm **Tumor Treating Fields Past, Present and Future**  
Brittany Cross, PhD

4:05pm **Intra-operative Radiotherapy (IORT): Advances in the Treatment of Glioblastoma and Surgically Resected Brain Metastases**  
Christopher Cifarelli, MD

4:25pm **Closing Remarks**

5pm **Wine and Cheese Networking Reception at Orsay Restaurant**

## Brain Tumor Biotech Summit 2019 | Friday, June 7, 2019 | 7am – 5pm

### Three ways to register:

1. Register online at [btbs2019.eventbrite.com](http://btbs2019.eventbrite.com)
2. Fax this form to (212) 434-3899 with credit card information.
3. Mail this form with credit card information or a check made payable to “Brain Tumor Biotech Summit” to:  
**Department of Neurosurgery**  
**130 East 77th Street**  
**3 Black Hall**  
**New York, NY 10075**

### Registration Information (please print clearly)

Name		Credentials (MD, PhD, PA, NP, RN)	
Address			
City		State	Zip
Daytime Phone		Cell Phone	
Email Address			
Hospital/Institution Affiliation		Specialty	

Please indicate:  Physician  Medical Student  Resident/Fellow  Physician Assistant  Nurse/Nurse Practitioner  
 Nonprofit Organization Employee  Pharmaceutical/Device Industry Representative  
 Biotech Employee/Investor  Other (please specify) \_\_\_\_\_

### Registration Fees (register on or before April 30, 2019 for discounted rates)

- Medical students – No charge with valid ID
- Northwell Health employees and residents, fellows, PhDs, PAs, NPs and RNs – \$100 (\$50 early)
- Cold Spring Harbor Laboratory members – \$100 (\$50 early)
- Employees of nonprofit organizations – \$150 (\$100 early)
- All other physicians and clinicians – \$250 (\$200 early)
- Pharmaceutical/device industry representatives – \$350 (\$300 early)
- Biotech employees and investors – \$450 (\$400 early)

Charge \$ \_\_\_\_\_ .00 to my  Visa  Mastercard  AMEX  Discover

Credit Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Please list all digits from your credit card and expiration date.

Authorizing Signature \_\_\_\_\_ Date \_\_\_\_\_

A confirmation email will be sent.

 **Questions? Call (212) 434-4815**

## Conference Host

### John A. Boockvar, MD

Vice Chair, Department of Neurosurgery  
Director, Brain Tumor and Pituitary/Neuroendocrine Centers  
Lenox Hill Hospital/Manhattan Eye, Ear and Throat Hospital  
Investigator, Brain Tumor Laboratory  
Feinstein Institute for Medical Research  
Professor of Neurosurgery and Otolaryngology  
Zucker School of Medicine

## Speakers and Moderators

### Joshua Allen, PhD

Senior Vice President  
Research and Development  
Oncoceutics

### Richard R. Barakat, MD, MBA

Physician in Chief and  
Director of Cancer  
Northwell Cancer Institute  
SVP Cancer Service Line  
Northwell Health

### Franklin M. Berger, CFA

Managing Director, FMB RESEARCH

### Himanshu Brahmbhatt, PhD

Joint-CEO & Director  
EnGeneIC Cancer Therapeutics

### Christopher P. Cifarelli MD, PhD, FAANS, FACS

Director, WVU Gamma Knife  
Radiosurgery Center  
Associate Professor of Neurosurgery  
West Virginia University

### Matt Cohen, PhD

Principal, Osage University Partners

### Brittany Cross, PhD

Senior Medical Science Liaison  
Novocure

### William T. Curry, MD

Co-Director, Mass General  
Neuroscience  
Director of Neurosurgical Oncology,  
Mass General Cancer Center  
Professor of Neurosurgery  
Harvard Medical School

### Steven C. Davis

CEO, ISOMA Diagnostics

### Alexis Demopoulos, MD

Director, Neuro-Oncology  
Brain Tumor Center, Neuroscience  
Institute  
Assistant Professor, Neurology  
Zucker School of Medicine

### Alan Ezrin, PhD

Co-Founder, President & CEO  
NxDevelopment Corp

### Christopher G. Filippi, MD

Vice Chairman of Biomedical Imaging  
and Translational Science  
Professor of Radiology  
Lenox Hill Hospital  
Northwell Health

### Matthew Fury

Senior Director Clinical Sciences  
Oncology at Regeneron  
Pharmaceuticals, Inc.

### Deborah B. Gruber, MD

Neuro-Oncologist  
Northwell Health

### Harry E. Gruber, MD

President, Science and Innovation  
Tocagen, Inc.

### William Hoos, MS, MBA

Executive Vice President  
xCures, Inc.

### Steven N. Kalkanis, MD

Chair, Department of Neurosurgery  
Medical Director  
Henry Ford Cancer Institute  
Henry Ford Health System

### Bruce Leuchter, MD

Managing Director  
PJT Partners

### Robert Maki, MD, PhD, FACP, FASCO

Chief Scientific Officer  
Northwell Cancer Institute  
Medical Director, CNCT: Center for  
Novel Cancer Therapeutics  
Professor of Medicine  
Zucker School of Medicine

### Donna Morgan Murray, PhD

Chief Regulatory Officer  
EMulate Therapeutics, Inc.

### Nitesh V. Patel, MD

Fellow, Department of Neurosurgery  
Lenox Hill Hospital

### Susan Rosenbaum, J.D.

Founder, Chairman and  
Chief Executive Officer  
Lauren Sciences LLC

### Rosamaria Ruggieri, PhD

Assistant Investigator  
Feinstein Institute for Medical Research  
Assistant Professor, Molecular Medicine  
and Neurosurgery  
Zucker School of Medicine

### Michael Schulder, MD, FAANS

Residency Program Director  
Director, Brain Tumor Center  
Professor and Vice Chairman,  
Department of Neurosurgery  
Zucker School of Medicine

### Jonathan B. Siegel

JBS Healthcare Ventures, LLC

### Marc Symons, PhD

Investigator, Karches Center for  
Oncology Research  
Co-Director, Brain Tumor Biotech Center  
Director, Light Microscopy Facility  
Feinstein Institute for Medical Research  
Professor, Molecular Medicine and  
Neurosurgery  
Zucker School of Medicine

### David A. Tuveson, MD, PhD

Professor and Director of CSHL Cancer  
Center  
Cold Spring Harbor Laboratory



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