



**Duke Center for Brain
and Spine Metastasis**
Colloquium
2023 May
19-20

Omics

Big Data for the Big Problem of CNS Metastasis

Outcomes

Maximizing Survivorship

Therapies

Leading and Novel Approaches

3rd Annual Duke Brain and Spine Metastasis Colloquium
2023 Updates: State of the Field
Friday, May 19 - Saturday, May 20, 2023
Trent Semans Center for Health Education, Duke University

About the Colloquium

Hosted by Duke Neurosurgery, this virtual event features talks and discussions with over 30 internationally renowned leaders in the field of central nervous system metastasis.

The multidisciplinary colloquium covers topics in medical oncology, radiation oncology, palliative care, neurosurgery, and patient advocacy, and features case presentations and panel debates on emerging and pressing topics in the care of patients with brain and spine metastasis.

Full details about the Colloquium, including travel information, are available at our [event website](#).

Registration for the Colloquium can be completed through the [registration website](#).

This educational program has been approved for **7.0 CME credit hours**. Full details are below.

Objectives

The Colloquium is designed to increase competence and provide the most up-to-date, evidenced based review of the management of patients with brain and spine metastasis and leptomeningeal disease (LMD). At the conclusion of the course, participants should be able to meet the following objectives.

- o Ensure that clinicians and researchers understand appropriate indications for targeted treatment and local therapies of CNS metastases.
- o Evaluate the technical issues and solutions employed in the targeted treatment of CNS metastases.
- o Construct a multi-disciplinary approach to treatment of patients with brain and/or spine metastasis patients incorporating different treatment modalities and incorporating patient experience-centered perspective.
- o Understand the current knowledge of brain and spine metastasis biology based on recent research.
- o Understand outcomes from targeted treatment approaches in patients with CNS metastasis.
- o Ensure that clinicians and researchers understand appropriate indications for targeted treatment and local therapy of CNS multiple metastases.
- o Develop effective skills for communicating with patients with serious illness.
- o Ensure that researchers understand methods and outcomes measures to enhance research to describe and improve serious illness communication and positively impact patient goals and anxiety.

While this program is finalized, details (schedule, talks, discussion topics, and speakers) may still change before the event.

Friday, May 19, 2023
2:00–7:00 p.m. EST

12:30-1:45 pm LUNCH
Exhibitor Hall

Atrium
Atrium

Session 1: Omics in 2023: Big Data for the Big Problem of CNS Metastasis
Great Hall

2:00-2:10 p.m. **Welcome and Opening Remarks**
Peter Fecci, MD, PhD, DCBSM Director
Carey Anders, MD; DCBSM Medical Director

2:10-2:30 **Metabolism in Brain Metastases and Surrounding Microenvironment**
Michael Pacold, MD, PhD; New York University

2:30-2:50 **Single Cell Sequencing and Spatial Transcriptomics of Brain Metastases**
Benjamin Izar, MD; Columbia University

2:50-3:10 **Imaging Mass Spectrometry Based Characterization of the Metastatic Brain Tumor Microenvironment**
Logan Walsh, PhD; McGill University

3:10-3:40 **Discussion and Q&A: Big Data in Brain Metastases: Where to Go from Here**
Moderator Carey Anders, MD; DCBSM Medical Director
Speakers Michael Pacold, MD, PhD; New York University
Benjamin Izar, MD; Columbia University
Logan Walsh, PhD; McGill University

3:40-4:00 **BREAK**

4:00-4:30 **Case Discussion 1: Recurrent Disease vs Radiation Necrosis**
Moderator Peter Fecci, MD, PhD; DCBSM Director
Panelists Scott Floyd, MD, PhD; DCBSM Radiation Deputy Director
Chris Lascola, MD, PhD; Duke University
Seema Nagpal, MD; Stanford University
Katy Peters, MD, PhD; Duke University

4:30-4:45 **BREAK**

4:45-5:15 **Case Discussion 2: Radiation before Surgery**
Moderator John Kirkpatrick, MD, PhD; DCBSM Radiation Director
Panelists Stuart Burri, MD; Atrium Health
Scott Soltys, MD; Stanford University
Anoop Patel, MD; Duke University

5:15-5:30 **Closing Remarks**
DCBSM (Deputy) Director TBD

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5:30-7:00 p.m. **Happy Hour**
Poster Session
Exhibitor Hall

Atrium
Great Hall
Atrium

Saturday, May 20, 2023
9:00 a.m. – 4:00 p.m. EST

8:00-9:00 am **BREAKFAST**
Exhibitor Hall

Atrium
Atrium

**Session 2: Outcomes in 2023: Minimizing Neurological Deficits,
Maximizing Survivorship**

Great Hall

- 9:00-9:10 a.m. **Opening Remarks**
Elizabeth Fricklas, PA-C; DCBSM Palliative Care Director
- 9:10-9:30 **How to Elicit Goals of Care in a Large Health System**
David Casarett, MD; Duke University
- 9:30-9:50 **Advocacy: What Patients with CNS Metastasis Want to Know from Care Providers**
Laura Crandon, MBA, CA-AP; Touch4Life
- 9:50-10:10 **Advocacy: How to Connect Advocates & Cancer Researchers to Advance Breakthroughs**
Julia Maues; GRASP and Angela Baker, MS; Angel in Disguise, Inc.
- 10:10-10:40 **Discussion and Q&A: How Patients, Clinicians, and Researchers Can Work Together to Improve Outcomes**
Moderator Wil Santivasi, MD; Duke
Speakers David Casarett, MD; Duke University
Laura Crandon, MBA, CA-AP; Touch4Life
Julia Maues; GRASP
Angela Baker, MS; Angel in Disguise Inc
- 10:40-11:00 **BREAK**
- 11:00-11:30 **Case Discussion 3: Identify Early, Maximize the Long Game**
Moderator Christopher Jones, MD, FAAHPM, MBA; DCBSM
Panelists Paul Sperduto, MD; Duke University
Jose Pablo Leone, MD; Dana Farber Cancer Institute
Isabella Glitza Oliva, MD, PhD; MD Anderson
Margaret Johnson, MD, MPH; Duke University
- 11:30-11:45 **BREAK**
- 11:45-12:15 **Case Discussion 4: Who's on First: Systemic vs Local Therapy in Brain and Leptomeningeal Metastasis**

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Moderator Carey Anders, MD; DCBSM Medical Director
 Panelists Barbara O'Brien, MD; MD Anderson
 Nelson Moss, MD; Memorial Sloan Kettering Cancer Center
 Jonathan Yang, MD; University of Washington
 John Kirkpatrick, MD PhD; Duke University

12:15-1:15 **LUNCH** Atrium
**Lunch is not a part of the educational program and thus is NOT CME eligible*
Featuring a presentation by our Presenting Diamond Exhibitor, AstraZeneca
 Exhibitor Hall Atrium

Session 3: Therapies in 2023: Leading and Novel Approaches for CNS Metastasis

Great Hall

1:30-1:35 p.m. **Opening Remarks**
 Rory Goodwin, MD, PhD; DCBSM Surgical Director

1:35-1:55 **Neurosurgery: Laser Interstitial Thermal Therapy for Patients with Spine Metastasis**
 Claudio Tatsui, MD; MD Anderson

1:55-2:15 **Systemic Therapies: Novel Cellular Therapies in the Treatment of CNS Metastasis**
 Jana Portnow, MD; City of Hope

2:15-2:35 **Radiation Therapy: Proton therapy for LMD**
 Jonathan Yang, MD, PhD; University of Washington

2:35-3:05 **Discussion and Q&A: Leading and Novel Approaches: What's Next?**
 Moderator: Peter Fecci, MD PhD; DCBSM Director
 Speakers: Claudio Tatsui, MD; MD Anderson
 Jana Portnow, MD; City of Hope
 Jonathan Yang, MD, PhD; University of Washington

3:05-3:20 **BREAK**

3:20-3:50 **Case Discussion 5: Spine Metastasis: When to Use the Tools in Our Toolbox**
 Moderator John Kirkpatrick, MD, PhD; DCBSM Radiation Director
 Panelists Claudio Tatsui, MD; MD Anderson
 Hany Soliman, MD; Sunnybrook Cancer Centre
 Yoshiya (Josh) Yamada, MD; Memorial Sloan Kettering Cancer Center
 Rory Goodwin, MD, PhD; Duke University

3:50-4:00 **Closing Remarks**
 Peter Fecci, MD, PhD; DCBSM Director
 Carey Anders, MD; DCBSM Medical Director
 Elizabeth Fricklas, PA-C; DCBSM Palliative Care Director
 Rory Goodwin, MD, PhD; DCBSM Surgical Director
 John Kirkpatrick, MD, PhD; DCBSM Radiation Director

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Leadership of the Duke Center for Brain and Spine Metastasis (DCBSM)

- o Peter Fecci, MD, PhD; DCBSM Director
- o Carey Anders, MD; DCBSM Medical Director
- o Elizabeth Fricklas, PA-C; DCBSM Palliative Care Director
- o Rory Goodwin, MD, PhD; DCBSM Surgical Director
- o John Kirkpatrick, MD, PhD; DCBSM Radiation Director

Colloquium 2023 Planning Committee

- o Amanda Van Swearingen, PhD
- o Brooke Taylor
- o Elizabeth Fricklas, PA-C
- o Scott Floyd, MD, PhD
- o Anoop Patel, MD
- o Carol Harbers
- o Victoria Nguyen
- o Brice Painter, MHS, PA-C
- o Hannah Roberts, MSN, FNP-C
- o Dena Buchanan

Continuing Medical Education (CME)



Duke Continuing Education



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INTERPROFESSIONAL CONTINUING EDUCATION

Joint Accreditation Statement:

In support of improving patient care, Duke University Health System Clinical Education and Professional Development is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the health care team. The designation was based upon the quality of the educational activity and its compliance with the standards and policies of the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC).

Credit Designation Statement:

Duke University Health System Department of Clinical Education and Professional Development designates this educational activity for a maximum of:

- o **7.0 AMA PRA Category 1 Credit(s)™.** Physicians should claim only credit commensurate with the extent of their participation in the activity.
- o **7.0 credit hours for nurses.** Nurses should claim only credit commensurate with the extent of their participation in the activity.

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Guest Speakers



Angela Baker, MS
Founder, Angel in Disguise, Inc.



Laura Crandon, MBA, CA-AP
Founder and President, Touch4Life



Benjamin Izar, MD
Assistant Professor of Medicine
Director, Human Immune Monitoring Core
Columbia University Herbert Irving
Comprehensive Cancer Center



Julia Maues
Co-Founder, GRASP



Seema Nagpal, MD
Clinical Associate Professor, Division of Neuro-
oncology
Clinical Associate Professor, Neurosurgery
Stanford University



Michael Pacold, MD, PhD
Assistant Professor, Department of Radiation
Oncology
Director, Basic Science Research, Department
of Radiation Oncology
New York University Grossman School of
Medicine



Hany Soliman, MD
Associate Professor, Department of Radiation
Oncology
University of Toronto



Claudio Tatsui, MD
Professor, Department of Neurosurgery
University of Texas MD Anderson Cancer
Center
Adjunct Associate Professor, Department of
Neurosurgery, Baylor College of Medicine,
Houston, TX



Yoshiya (Josh) Yamada, MD
Member, Attending Radiation Oncologist
Co-Chief, Multi-Disciplinary Spine Tumor
Service
Memorial Sloan Kettering Cancer Center



Stuart Burri, MD
Adjunct Professor of Clinical Radiation
Oncology/Medicine
Chairman, Radiation Oncology
Atrium Health



Isabella C. Glitza Oliva, MD, PhD
Associate Professor, Department of
Melanoma Medical Oncology,
Division of Cancer Medicine
University of Texas MD Anderson Cancer
Center



Jose Pablo Leone, MD
Director, Program for Breast Cancer in Men
Physician, Dana-Farber Cancer Institute
Assistant Professor of Medicine,
Harvard Medical School



Nelson Moss, MD
Assistant Member, Assistant Attending
Neurosurgeon
Co-Director, Multidisciplinary Brain
Metastasis Program
Memorial Sloan Kettering Cancer Center



Barbara O'Brien, MD
Associate Professor, Neuro-Oncology
University of Texas MD Anderson Cancer
Center



Jana Portnow, MD
Professor, Department of Medical Oncology &
Experimental Therapeutics
Co-Director, Brain Tumor Program
City of Hope



Scott Soltys, MD
Professor, Departments of Radiation
Oncology and Neurosurgery
Stanford University



Logan Walsh, PhD
Assistant Professor/Professeur Adjoint
Rosalind and Morris Goodman Cancer
Institute
Department of Human Genetics
Faculty of Medicine and Health Sciences
McGill University



Jonathan Yang, MD, PhD
Associate Professor, Department of Radiation
Oncology
Director, Metastatic Disease &
Developmental Therapeutics, Department of
Radiation Oncology
University of Washington

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The Duke Team



Carey Anders, MD
Professor of Medicine
Medical Director, Duke Center for Brain and Spine Metastasis
Interim Chief, Medical Oncology
Duke University



David Casarett, MD
Professor of Medicine
Section Chief of Palliative Care
Duke University



Peter Fecci, MD, PhD
Professor of Neurosurgery
Director, Duke Center for Brain and Spine Metastasis
Director, Brain Tumor Immunotherapy Program
Director, Surgical Neuro-oncology
Duke University



Scott Floyd, MD, PhD
Gary Hock and Lyn Proctor Associate Professor of Radiation Oncology
Associate Radiation Director, Duke Center for Brain and Spine Metastasis
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Elizabeth Fricklas, PA-C, MMSc
Physician Assistant, Palliative Care
Palliative Care Director, Duke Center for Brain and Spine Metastasis
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Rory Goodwin, MD, PhD
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Director, Spine Oncology
Surgical Director, Duke Center for Brain and Spine Metastasis
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Margaret Johnson, MD, PhD
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Program Director, Neuro-Oncology Fellowship
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Wil Santivasi, MD, FACP
Palliative Medicine Specialist
Assistant Professor of Medicine
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Paul Sperduto, MD
Adjunct Professor in the Department of Radiation Oncology
Duke University

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Thank You to our Exhibitors and Supporters

Exhibitors and Supporters did not contribute to the development or influence the content of this educational program.

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Educational Grant



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