

2022 • VIRTUAL

The Memorial Sloan Kettering Multidisciplinary Pituitary and Skull Base Tumor Center presents:

# Update on the Treatment of Pituitary Tumors

SATURDAY, APRIL 9, 2022

## FEATURING

**Discussion of Aggressive Pituitary Tumors & Hypophysitis**  
**Update on Secretory Tumors**  
**Integrative Medicine Treatments**  
**Request for Cases**  
**Patient Sessions**

## GUEST SPEAKERS

**Nienke Biermasz, MD**  
Leiden University

**Isabella Lupi, MD PhD**  
Pisa University Hospital

**Gérald Raverot, MD, PhD**  
Hospices Civils of Lyon -  
Lyon I University



Memorial Sloan Kettering  
Cancer Center



# Overview

This didactic and case-based educational course will update attendees on the latest developments in ongoing basic and translational science as well as the clinical management of patients with pituitary conditions **This course aims to improve patient care and outcomes through evidence-based discussion of clinical practice guidelines and emerging therapies.** Our goal is to assess and update current practices to promote earlier diagnosis and treatment of pituitary diseases. The multidisciplinary nature of the course will allow for the dissemination of knowledge across the variety of practitioners caring for patients with pituitary diseases, and for the patients themselves.

By attending this course, participants will be able to:

- Summarize ongoing clinical trials and emerging therapies for the treatment of Cushing's and acromegaly
- Discuss surgical outcomes, complications and risk management for pituitary and skull base tumors
- Evaluate endoscopic surgery with the use of patient reported outcomes
- Discuss integrative therapies and use of patient reported outcomes for pituitary patients
- Present recent data on mechanisms and biomarkers for the development of aggressive and malignant pituitary tumors
- Debate treatment decisions supporting the use and timing of new therapies for aggressive and malignant pituitary tumors
- Review mechanisms, diagnosis and treatment of immunotherapy-induced hypophysitis

## WHO SHOULD ATTEND

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This course is intended for endocrinologists, neurosurgeons, otolaryngologists, radiation oncologists, neurologists, ophthalmologists, neuro-oncologists, family medicine and internal medicine physicians, physicians in training and other allied health professionals who treat and manage patients with pituitary diseases. We also invite patients with pituitary disease and their caregivers to attend this educational activity and participate in our interactive afternoon breakout sessions.

## AFTERNOON BREAKOUT SESSIONS

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### Provider/Clinical Track

**Request for Case Submissions:** There will be a tumor board during the provider/clinical breakout session where attendees and faculty will review cases. Attendees will have an opportunity to submit a case for discussion during the course at registration. In order to prepare your submission, we ask that you provide a BRIEF summary of your case and include key lab results. Please ensure that all identifiable PHI has been removed. Cases should have an educational purpose.

### Patient Track

We invite patients with pituitary disease and their caregivers to attend this educational activity on a **complimentary basis** and participate in our interactive afternoon breakout sessions. Pituitary patients will be able to review treatment options, learn about ongoing clinical trials, and discuss their comprehensive care with providers and other patients. The educational objective of this patient session is to provide a forum for pituitary patients to discuss treatment options and new therapies with providers and other patients.

## MSK COURSE DIRECTORS

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**Viviane Tabar, MD**

Director, Pituitary & Skull Base Tumor Center  
Theresa Feng Chair in Neurosurgical Oncology  
Chair, Department of Neurosurgery



**Eliza B. Geer, MD**

Medical Director, Pituitary & Skull Base Tumor Center  
Associate Attending  
Endocrinology Service  
Department of Medicine



**Marc A. Cohen, MD, MPH**

Surgical Director, Pituitary & Skull Base Tumor Center  
Associate Attending  
Head and Neck Service  
Department of Surgery

## INVITED COURSE FACULTY

Provider/Clinical Track

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**Nienke Biermasz, MD**

Professor Internal Medicine  
Leiden University  
Leiden, The Netherlands

**Isabella Lupi, MD, PhD**

Endocrinology Unit  
Pisa University Hospital  
Pisa, Italy

**Gérald Raverot, MD, PhD**

Hospices Civils of Lyon - Lyon I University  
Lyon, France

# MSK COURSE FACULTY

## Provider/Clinical Track

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### **Kathryn Beal, MD**

Associate Attending  
External Beam Radiotherapy Service  
Brachytherapy Service  
Department of Radiation Oncology

### **Monica Girotra, MD**

Associate Attending  
Endocrinology Service  
Department of Medicine

### **Sasan Karimi, MD**

Director, MSKCC 55<sup>th</sup> Street Radiology  
Associate Attending  
Neuroradiology Service  
Department of Radiology

### **Andrew Lin, MD**

Assistant Attending  
Brain Tumor Service  
Department of Neurology

### **Jun Mao, MD, MSCE**

Chief, Integrative Medicine Service

### **Shelly Latte-Naor, MD**

Director, Mind-Body Medicine  
Integrative Medicine Service

### **Marc K. Rosenblum, MD**

Chief, Neuropathology

# COURSE FACULTY

## Patient Track

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### **Daniela Bonvicini, MSN, RN, CCRN**

Department of Nursing,  
Outpatient Division  
Office Practice Nurse,  
Head & Neck Surgery  
Memorial Sloan Kettering Cancer Center

### **Ali Daoud**

High School Student

### **Jessica Divanno, NP**

Nurse Practitioner  
Memorial Sloan Kettering Cancer Center

### **Leslie Edwin**

President  
Cushing's Support & Research  
Foundation

### **Vanessa Guarino**

Legal Coordinator at Desmarais LLP  
BFA in Musical Theatre, The New School

### **Catherine Jonas, CMC, LMFT**

CJ & Associates Care Consulting  
Founder & President

### **Jenna Longo, BSN, RN**

Department of Nursing,  
Outpatient Division  
Office Practice Nurse, Neurosurgery  
Nurse coordinator,  
Pituitary & Skull Base Tumor Center  
Memorial Sloan Kettering Cancer Center

### **Maria Sazo, BSN, RN**

Department of Nursing, Outpatient Division  
Office Practice Nurse, Endocrinology  
Memorial Sloan Kettering Cancer Center

### **Jane Schoch**

Retired Teacher & Crisis Counselor  
for the National Suicide Prevention Lifeline

### **Jill Sisco**

President  
Acromegaly Community

# Morning Sessions

(All Attendees/Tracks)

8:45 AM	VIRTUAL COURSE CHECK-IN
9:00 AM	<b>Introduction and Welcome</b> Viviane Tabar, MD
	<b>SESSION I • Patient Reported Outcomes</b> MODERATOR: Viviane Tabar, MD
9:05 AM	<b>Neurosurgical Complications and Expectations</b> Viviane Tabar, MD
9:20 AM	<b>Advances and Outcomes in Skull Base Surgery from Patient Reported Outcomes</b> Marc A. Cohen, MD, MPH
9:35 AM	<b>New Therapies and Clinical Trials for Cushing's</b> Eliza B. Geer, MD
9:50 AM	BREAK
10:00 AM	<b>Patient Reported Outcomes in Acromegaly</b> Nienke Biermasz, MD
10:20 AM	<b>Integrative Therapies and Use of Patient Reported Outcomes for Pituitary Patients</b> Jun Mao, MD, MSCE
10:35 AM	<b>Q&amp;A with Faculty</b> MODERATOR: Viviane Tabar, MD Nienke Biermasz, MD      Eliza B. Geer, MD Marc A. Cohen, MD, MPH      Jun Mao, MD, MSCE
10:45 AM	BREAK
	<b>SESSION II • Aggressive Tumors</b> MODERATOR: Eliza B. Geer, MD
10:55 AM	<b>Pathogenesis and Management of Aggressive Pituitary Tumors</b> Gérald Raverot, MD, PhD
11:30 AM	<b>Radiation Therapy Methods</b> Kathryn Beal, MD
11:45 AM	<b>New Therapies and Clinical Trials for Aggressive Pituitary Tumors</b> Andrew Lin, MD
12:00 PM	<b>Q&amp;A with Faculty</b> MODERATOR: Eliza B. Geer, MD Kathryn Beal, MD Andrew Lin, MD Gérald Raverot, MD, PhD
12:15 PM	LUNCH BREAK

Provider Track:  
**Optional Meet and Greet with Faculty**

12:20-12:35 PM

FACULTY:

Nienke Biermasz, MD	Isabell Lupi, MD PhD
Marc A. Cohen, MD, MPH	Gérald Raverot, MD, PhD
Eliza B. Geer, MD	Viviane Tabar, MD

\*Limited to 25 Attendees - Sign Up During Course Registration

## Provider Track

1:00 PM

### **Tumor Board: Participants and Faculty will Review Submitted Cases\***

**MODERATOR:** Eliza B. Geer, MD  
Kathryn Beal, MD  
Nienke Biermasz, MD  
Marc A. Cohen, MD, MPH  
Sasan Karimi, MD  
Andrew Lin, MD  
Isabella Lupi, MD PhD  
Gérald Raverot, MD, PhD  
Marc K. Rosenblum, MD  
Viviane Tabar, MD

\*Attendees will have an opportunity to submit a case for discussion during the course at registration. In order to prepare your submission, we ask that you provide a BRIEF summary of your case and include key lab results. Please ensure that all identifiable PHI has been removed. Cases should have an educational purpose. The course faculty will not be able to provide a detailed/complex consult review during the course and they will try to get through as many cases as possible.

2:30 PM

BREAK

### **SESSION III • Hypophysitis**

**MODERATOR:** Marc A. Cohen, MD, MPH

2:45 PM

### **Mechanisms of Immunotherapy-Induced Hypophysitis**

Isabella Lupi, MD PhD

3:15 PM

### **Clinical Aspects and Management of Hypophysitis**

Monica Girotra, MD

3:35 PM

### **Q&A with Faculty**

**MODERATOR:** Marc A. Cohen, MD, MPH  
Monica Girotra, MD  
Isabella Lupi, MD PhD

3:50 PM

### **Closing Remarks**

Marc A. Cohen, MD, MPH

4:00 PM

ADJOURN

# Patient/Caregiver Track

MODERATOR: Maria Sazo, BSN, RN

1:00 PM

## **Nursing Talk for Patients on Comprehensive and Multidisciplinary Care**

Daniela Bonvicini, MSN, RN CCRN  
Jessica Divanno, NP  
Jenna Longo BSN, RN  
Maria Sazo, BSN, RN

1:15 PM

## **Patient Stories and Discussions**

Attendees can select one of the following breakouts during registration:

- **Cushing's Patients**  
Leslie Edwin (CSRF)  
Ali Daoud
- **Acromegaly Patients**  
Jill Sisco (Acromegaly Community)  
Vanessa Guarino
- **Pituitary Support Group and MSK Pituitary Survivorship Program**  
Daniela Bonvicini, MSN, RN CCRN  
Jessica Divanno, NP  
Jenna Longo BSN, RN  
Jane Schoch

2:15 PM

BREAK

2:30 PM

## **Tools for Coping with My Pituitary Diagnosis - A Psychotherapist's Perspective**

Catherine Jonas, CMC, LMFT

3:00 PM

## **Rx Relax - Mindfulness in Supportive Pituitary Care**

Shelly Latte-Naor, MD

3:30 PM

## **Q&A with Faculty**

Daniela Bonvicini, MSN, RN CCRN  
Jessica Divanno, NP  
Leslie Edwin (CSRF)  
Catherine Jonas, CMC, LMFT  
Shelly Latte-Naor, MD  
Jenna Longo BSN, RN  
Maria Sazo, BSN, RN  
Jill Sisco (Acromegaly Community)

3:45 PM

BREAK

4:00 PM

## **Q&A with Doctors**

Marc A. Cohen, MD, MPH  
Eliza B. Geer, MD  
Viviane Tabar, MD

4:30 PM

ADJOURN



# ACCREDITATION\*

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Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## **AMA Credit Designation Statement**

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **5.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## **ABIM MOC Recognition Statement**

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to **5.50 Medical Knowledge MOC points** in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

## **Faculty Disclosure**

It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it provides as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity provided by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

*\*AMA PRA Category 1 Credits™ and ABIM MOC points will not be offered for the afternoon patient track from 1:00-4:30 PM.*



Memorial Sloan Kettering  
Cancer Center



Register online:  
**mskcc.org/pituitarycourse**

#### Virtual Registration Fees

Physicians (MDs, PhDs and DOs)	<b>\$150</b>
Residents, Fellows, Advanced Practice Providers, Nurses, and Other Healthcare Providers	<b>\$100</b>
Industry Professionals*	<b>\$265</b>

\*Industry professionals may attend MSK CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

**MSK is pleased to invite patients and caregivers to attend this course on a complimentary basis.** If you are a patient or caregiver interested in attending, **email [cme@mskcc.org](mailto:cme@mskcc.org) to register** (registration is required).

#### Registration Discounts

- A registration discount is available for **MSK Alumni, MSK Cancer Alliance, and Cancer Care Partners** to attend a MSK CME course. If you are a member of one of these groups, contact [cme@mskcc.org](mailto:cme@mskcc.org) for details.
- Registration is complimentary for all **MSK employees**; however, you must complete registration in order to attend this course. If you are registered for this course and are unable to attend, please notify [cme@mskcc.org](mailto:cme@mskcc.org).

Please note that after your payment has been processed, no further promotional discount adjustments will be made to your registration.

#### Cancellation Policy

For all other registrations: If you wish to cancel your participation in this course, you must email [cme@mskcc.org](mailto:cme@mskcc.org) at least seven (7) days prior to the start of the course, and your refund will be subject to a \$25 administrative fee. Cancellations or no-shows within seven (7) days of the course are not eligible for a refund. Please note that if it has been more than 120 days since payment was processed, a W9 form must be submitted in order process your refund and your refund will be issued in the form of a check payment. Refunds are not subject to tax. You may substitute another registrant in your place at any time by contacting [cme@mskcc.org](mailto:cme@mskcc.org) with the appropriate information.

MSK CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event we must cancel or postpone this course, you will be notified via email from MSK CME. A full refund will be issued for your registration. MSK CME is not responsible for any related costs, charges, or expenses to participants, including fees incurred by airline/travel/lodging agencies.



**The Multidisciplinary Pituitary and Skull Base Tumor**

**Center** at Memorial Sloan Kettering Cancer Center brings together doctors from a range of specialties to provide world-class, comprehensive care to patients who have been diagnosed with pituitary, parasellar, paranasal sinus, and other skull base tumors.

We offer a complete array of approaches for treating skull base tumors. When surgery is necessary, we use minimally invasive techniques whenever possible. We perform total tumor removal when appropriate while preserving normal tissue and optimizing quality of life.

We are one of very few centers in the world that offers intraoperative MRI imaging for every pituitary and skull base tumor surgery. This technology enables our surgeons to view real-time images of a tumor during a procedure, making for a safer and more-effective operation. It also enables us to image patients after a procedure is completed to ensure complete tumor removal while patients are still under anesthesia.

[mskcc.org/departments/neurosurgery/pituitary-skull-base-tumor](https://mskcc.org/departments/neurosurgery/pituitary-skull-base-tumor)



Memorial Sloan Kettering  
Cancer Center



The **Cushing's Support and Research Foundation (CSRFS)** was founded in 1995 to provide information and support to Cushing's patients and their families. The Foundation was incorporated in the state of Massachusetts as a non-profit, 501(c)3 organization and is an Associate Member of NORD, the National Organization for Rare Disorders. The CSRFS has a Medical Advisory Board consisting of very experienced surgeons and endocrinologists who are world renowned for their expertise on Cushing's. The CSRFS is primarily funded by memberships and personal donations. The CSRFS maintains a database of many present and past Cushing's patients willing to support others.

**[csrf.net](http://csrf.net)**



The mission of the **Acromegaly Community** is to provide an emotional and communal support network for people touched by Acromegaly. We offer a central location for medical information on issues including: surgery, medication, radiation, and post diagnosis support. Most importantly, we work to provide a network of emotional support for our Acromegaly patients, their friends and their family.

Since 2009, the Acromegaly Community has been compiling a list of trusted Endocrinologists, Neurosurgeons, Neurologists, Psychiatrists, Otolaryngologists, Pain Specialists, Family Practitioners, etc. from all around the world for you and your family to reach out.

**[acromegalycommunity.org](http://acromegalycommunity.org)**



Join the conversation with **#MSKCME**  
using the course hashtag:

**#MSKpituitaryCME**



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[mskcc.org/pituitarycourse](https://mskcc.org/pituitarycourse)