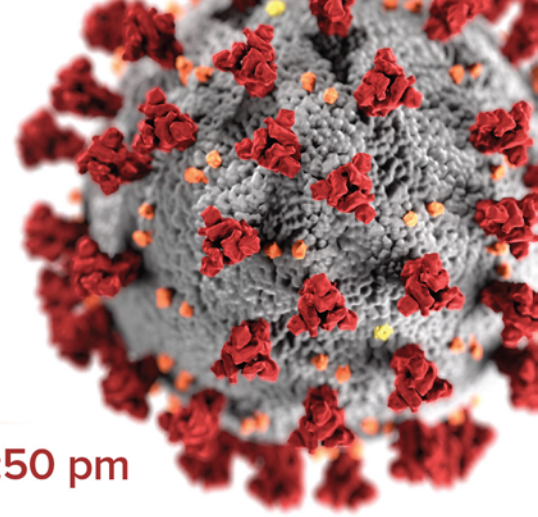


# CANCER AND COVID-19

Update from Penn's Abramson Cancer Center

A CME-accredited Conference

WEDNESDAY, SEPTEMBER 30, 2020 | 5:45 pm - 8:50 pm



## AGENDA

5:30 pm Log-in to Virtual Conference

6:00 pm Educational Meeting Begins

### Welcome and Remarks

[J Larry Jameson, MD, PhD](#) | Dean, Perelman School of Medicine at the University of Pennsylvania

[Robert H Vonderheide, MD, DPhil](#) | Director, Abramson Cancer Center

6:05 pm Impact of COVID-19 on the Cancer Patient

[Charu Aggarwal, MD, MPH](#) | Medical Oncology

6:20 pm Keynote Presentation

### COVID-19: Public Health and Scientific Challenges

[Anthony S Fauci, MD](#) | Director, National Institute of Allergy and Infectious Diseases (NIAID)

6:45 pm Q and A

**MODERATORS:** [Charu Aggarwal, MD, MPH](#) | Medical Oncology and

[Robert H Vonderheide, MD, DPhil](#) | Director, Abramson Cancer Center

6:55 pm Hydroxychloroquine v. Placebo for Prevention of COVID-19 in Health Care Workers: The PATCH randomized trial

[Ravi K Amaravadi, MD](#) | Hematology Oncology

7:05 pm COVID-19 and Coagulopathy: Observations, prognosis, monitoring and interventions

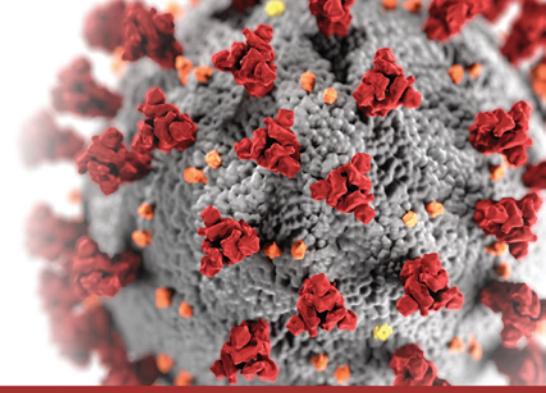
[Adam C Cuker, MD](#) | Hematology Oncology

7:20 pm Primer on COVID-19

[Kathleen M Murphy, MD](#) | Infectious Diseases

# CANCER AND COVID-19

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- 7:35 pm**      **Immune Profiling in Patients with COVID-19**  
[E. John Wherry, PhD](#) | Immunology
- 7:50 pm**      **Impact of COVID-19 on the Delivery of Cancer Care**  
[Lynn M Schuchter, MD](#) | Medical Oncology
- 8:00 pm**      **Summary of COVID-19 National Efforts**  
[Lawrence N Shulman, MD](#) | Medical Oncology
- 8:10 pm**      **CASE CONFERENCE:**  
**Clinical and Operational practices in the era of COVID-19:**  
**The Penn experience**  
**MODERATOR:**      [Michelle Alonso-Basanta, MD, PhD](#) | Radiation Oncology  
**PANEL:**              [Charu Aggarwal, MD, MPH](#) | Medical Oncology  
                              [Alexander Huang, MD](#) | Hematology Oncology  
                              [Ana S. Kolansky, MD](#) | Radiology  
                              [Major Kenneth Lee, IV, MD, PhD](#) | Gastrointestinal Surgery  
                              [Selina M Luger, MD](#) | Hematology Oncology
- 8:50 pm**      **Conference Concludes**

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### POST CONFERENCE DETAILS

After the conference has concluded, all attendees will receive an email from Penn Medicine with instructions on how to complete the post-test, evaluation, claim credit and obtain a certificate. You will be able to complete these items after you receive this email. Please note that attendees who are not physicians are eligible to receive a Certificate of Participation.

### PRESENTATIONS, FACULTY BIOS AND MEETING VIDEO

Website: [PennMedicine.org/medcovid2020](https://PennMedicine.org/medcovid2020)

Click: Virtual Meeting

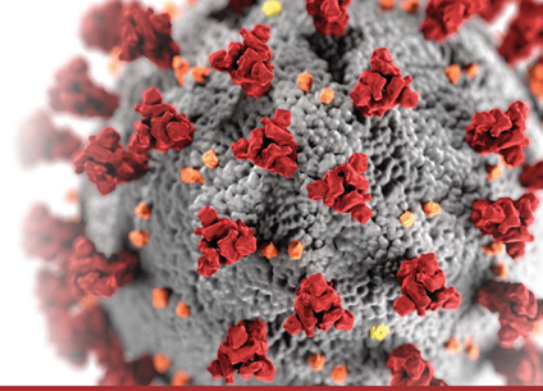
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*Recording of the meeting will be available within one week after the conference.*

# CANCER AND COVID-19

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### Overview

The novel coronavirus that causes COVID-19 infection is rapidly becoming one of the most challenging public health crises in modern history. But how is this pandemic specifically affecting cancer care, and what do clinicians need to know today to ensure they are providing the best care to their patients with cancer? Despite the negative impacts of COVID, the pandemic has hastened innovative changes such as telehealth and access to home infusions.

This activity is designed to focus on the major areas in which the COVID-19 pandemic has impacted how cancer care is delivered and experienced by patients. Participate in this live webcast and join the discussion on this fast moving subject while gaining up-to-date, practical information with immediate clinical and operational application.

### Learning Objectives

Upon completion of this conference, participants should be able to:

- Identify the risk of infection with the novel coronavirus and severity of illness with COVID-19 in populations of patients with hematologic and solid tumor malignancies
- Define optimal protocols for cancer facilities, in both inpatient and outpatient settings, to minimize the risk of coronavirus infection
- Assess strategies to optimize treatment protocols for patients with cancer in light of the COVID-19 pandemic

### Who Should Attend

This activity has been designed for medical, surgical and radiation oncologists, hematologists/oncologists, hematology/oncology fellows, radiologists, urologists, gastroenterologists, pulmonologists, oncology nurses, and other healthcare professionals involved in the treatment of patients with cancer. Additionally, advocates who may benefit from understanding current approaches to cancer and COVID-19 are invited.

### ACCREDITATION

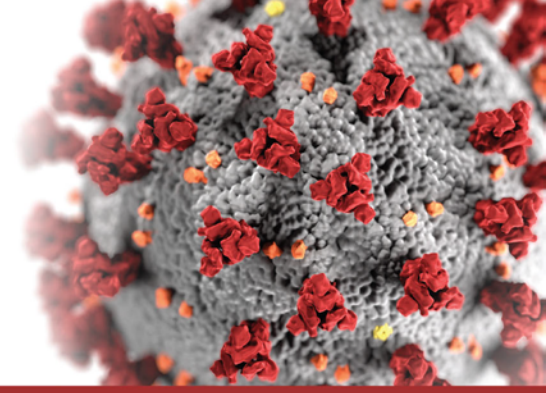
In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### DESIGNATION OF CREDIT

**PHYSICIANS:** Penn Medicine designates this live activity for a maximum of **2.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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**PHYSICIAN ASSISTANTS:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of **2.75** Category 1 credits for completing this activity.

### FACULTY

#### Activity Directors

[Lynn M Schuchter, MD](#)

C. Willard Robinson Professor, Medicine (Hematology/Oncology)  
Director Tara Miller Melanoma Center  
Chief, Division of Hematology Oncology  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

[Robert H Vonderheide, MD, DPhil](#)

Director, Abramson Cancer Center  
John H. Glick Abramson Cancer Center's Director Professor  
Vice Dean for Cancer Programs, PSOM  
Vice President for Cancer Programs, UPHS  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

#### Activity Co-Directors

[Charu Aggarwal, MD, MPH](#)

Leslye M. Heisler Associate Professor for Lung Cancer Excellence  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

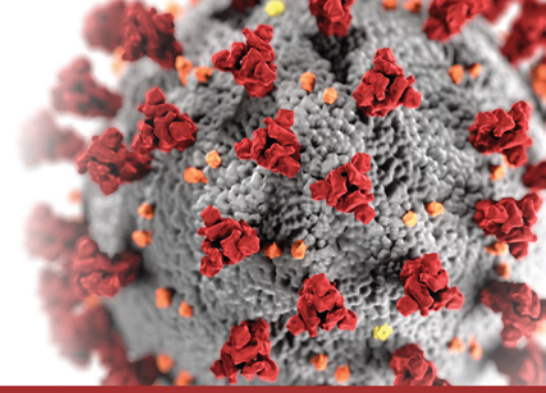
[Michelle Alonso-Basanta, MD, PhD](#)

Associate Professor of Clinical Medicine (Radiation/Oncology)  
Vice Chair, Clinical Division  
Chief, Central Nervous System Section  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania



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## Update from Penn's Abramson Cancer Center



Major Kenneth Lee, IV, MD, PhD

Assistant Professor, Surgery (Gastrointestinal)  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

**Keynote Speaker**

Anthony S Fauci, MD

Director, National Institute of Allergy and Infectious Diseases (NIAID)  
Chief, NIAID Laboratory of Immunoregulation  
National Institutes of Health, Bethesda, Maryland

**Speakers/Panelists**

Ravi K Amaravadi, MD

Associate Professor of Medicine (Hematology/Oncology)  
Co-Leader of the Cancer Therapeutics Program, Abramson Cancer Center  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

Adam C Cuker, MD, MS

Associate Professor of Medicine (Hematology/Oncology)  
Associate Professor of Pathology & Laboratory Medicine  
Director, Penn Comprehensive and Hemophilia Thrombosis Program  
Clinical Director, Penn Blood Disorders Center, University of Pennsylvania  
Assistant Director, Hematology/Oncology Fellowship Program  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

Alexander Huang, MD

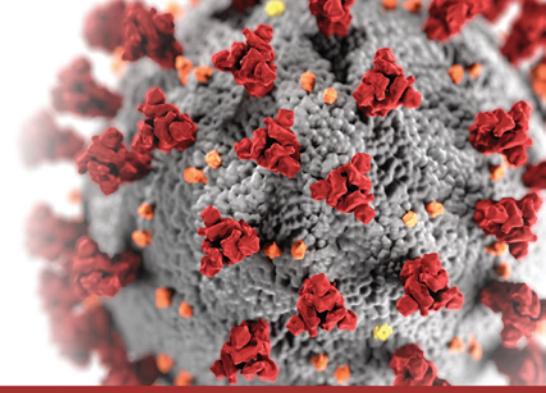
Assistant Professor of Medicine (Hematology/Oncology)  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

J. Larry Jameson, MD, PhD

Robert G. Dunlop Professor of Medicine  
Executive Vice President, University of Pennsylvania for the Health System  
Dean of the Perelman School of Medicine at the University of Pennsylvania  
Philadelphia, Pennsylvania

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[Ana S Kolansky, MD](#)

Associate Professor of Radiology  
Co-Director, Penn Lung Screening Program  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

[Selina M Luger, MD](#)

Professor of Medicine (Hematology/Oncology)  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

[Kathleen M Murphy, MD](#)

Associate Professor of Medicine (Hematology/Oncology)  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

[Lawrence N Shulman, MD](#)

Professor of Medicine  
Deputy Director, Clinical Services, Abramson Cancer Center  
Director, Center for Global Cancer Medicine, Abramson Cancer Center  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

[E John Wherry, PhD](#)

Richard and Barbara Schiffrin President's Distinguished Professor of Pharmacology  
Chair, Department of Systems Pharmacology and Translational Therapeutics  
Director, Institute for Immunology  
Perelman School of Medicine at the University of Pennsylvania / Penn Medicine  
Philadelphia, Pennsylvania

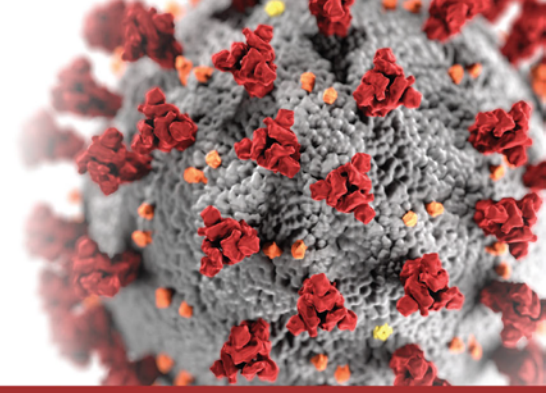
### **PLANNING COMMITTEE MEMBERS**

Cynthia L Griffo, MS, RN  
Director, Communications and Education  
Penn's Abramson Cancer Center

Barbara Lopez  
Associate Director, Education and Outreach  
Penn's Abramson Cancer Center

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### DISCLOSURE OF RELEVANT FINANCIAL RELATIONSHIPS

Staff in the Office of Continuing Medical and Interprofessional Education at Penn Medicine (Belinda Rose, CHCP and Vaughn Wurst) and Planning Committee Members (Cynthia Griffo, MS, RN and Barbara Lopez) have reported that they have no relevant financial relationships with any commercial interest related to the content of this educational activity.

### Faculty Name

The following faculty and planning committee members have disclosed that they have no relevant financial relationship with any commercial interests related to the content of this educational activity.

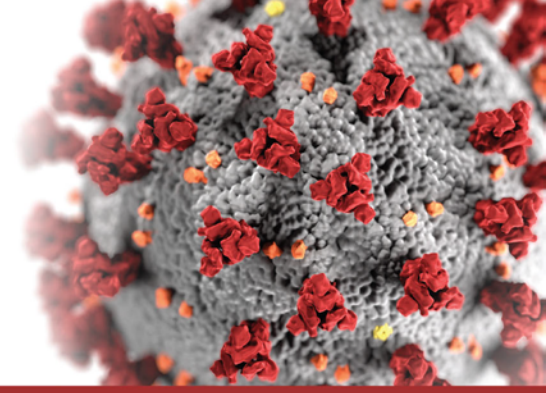
Anthony S Fauci, MD  
Alexander Huang, MD  
J Larry Jameson, MD, PhD  
Ana S Kolansky, MD

Major Kenneth Lee, IV, MD, PhD  
Kathleen M Murphy, MD  
Lawrence N Shulman, MD

Faculty Name	Name of Commercial Interest	Relationship
Charu Aggarwal, MD, MPH	AstraZeneca, Aventis, Bristol-Myers Squibb, Eli Lilly, Genentech, Merck	Consultant
Michelle Alonso-Basanta, MD, PhD	IBA, Varian	Speakers' Bureau
Ravi K Amaravadi, MD	Deciphera	Advisor/Review Panel
Adam C Cuker, MD, MS	Synergy	Consultant
Selina M Luger, MD	Agios, Bristol Myers Squibb, Jazz, Loxo Oncology Ariad, Celgene, Cyclacel, Kura Oncology, Onconova, Roche	Advisor/Review Panel Grants/Research Support
Lynn M Schuchter, MD	Bristol Myers Squibb, Sanofi Pharmaceuticals Partnership	Grants/Research Support
Robert Vonderheide, MD, DPhil	Fibrogen, Eli Lilly, Janssen	Grants/Research Support

# CANCER AND COVID-19

## Update from Penn's Abramson Cancer Center



### Disclosures (Continued)

Faculty Name	Name of Commercial Interest	Relationship
E John Wherry, PhD	Elstar, Dynavax, KyMab, Merck, Pieris, Roche, Surface Oncology	Consultant
	Surface Oncology	Stock Shareholder
	Bristol Myers Squibb, Celgene, Eli Lilly, Medimmune, The Parker Institute for Cancer Immunotherapy	Grants/Research Support
	Arsenal Biosciences	Other/Founder

Relevant Financial Relationships: Financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g. stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership and other activities from which remuneration is received or expected.