

MPN Workshop of the Carolinas 2025



August 22 – 23, 2025
The Westin Hotel - Charlotte, NC

Don't miss your chance to be part of the MPN Workshop of the Carolinas 2025 this summer in the Queen City!

This highly anticipated workshop brings together renowned national and international experts to explore the latest breakthroughs, innovations, and best practices in MPN care. Whether you're a seasoned specialist or new to the field, this is your opportunity to engage, learn, and collaborate with leading minds in hematology.

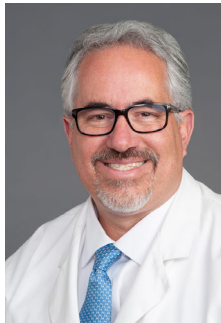
Objectives:

- Explain what disease modification means in myeloproliferative neoplasms.
- Evaluate disease modifying interventions in the treatment of myeloproliferative neoplasms including but not limited to stem cell transplant.
- Identify optimal therapy for MPN patients with currently available therapeutic options.
- Analyze novel therapeutic strategies/agents in myeloproliferative neoplasms.
- Assess management considerations unique to younger patients with myeloproliferative neoplasms.
- Examine management of less common myeloproliferative neoplasms.

For more information, contact gina.barnard@advocatehealth.org

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025
The Westin, Charlotte, NC

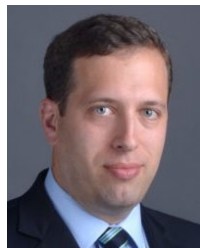


Course Directors

Ruben Mesa, MD | *Atrium Health Wake Forest Comprehensive Cancer Center*

Naveen Pemmaraju, MD | *MD Anderson Cancer Center*

Rupali R. Bhawe, MD | *Atrium Health Wake Forest Comprehensive Cancer Center*



Planning Committee Members

Alexander R. Coltoff, MD | *MUSC Health*

Michael Grunwald, MD | *Levine Cancer, Atrium Health*

Brandi Reeves, MD | *UNC School of Medicine*

Lindsay Rein, MD | *Duke Health*

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

AGENDA

Friday, August 22, 2025

| | |
|---------------------|---|
| 7:50 AM – 8:50AM | BREAKFAST & EXHIBITS |
| 8:50 AM – 9:15 AM | CONGRESS WELCOME : DAY 1 OPENING REMARKS & The State of MPN <i>Ruben Mesa, MD & Naveen Pemmaraju, MD</i> |
| 9:15 AM – 10:30 AM | Special Session #1: Aiming for Disease Modification in the MPNs: From Bench to Bedside Moderator: <i>Naveen Pemmaraju, MD</i> |
| 9:15 AM – 9:30 AM | Keynote #1: Targeting Stem Cells in the MPNs <i>Ronald Hoffman, MD</i> |
| 9:30 AM – 10:00 AM | Keynote #2: MPN Symptom Burden in 2025 and Beyond <i>Ruben Mesa, MD</i> |
| 10:00 AM – 10:30 AM | Panel Discussion: Aiming for Disease Modification in the MPNs Moderator: <i>Naveen Pemmaraju, MD</i> All speakers above |
| 10:30 AM – 11:00 AM | BREAK & VISIT EXHIBITS |
| 11:00 AM – 12:15 PM | Session #1: Inflammation and MPNs Moderators: <i>Angela Fleischman, MD, PhD and Steve Oh, MD, PhD</i> **This session #1 is NOT ACCREDITED** |
| 11:00 AM – 11:15 AM | Inflammation and the MPN Microenvironment <i>Angela Fleischman, MD, PhD</i> |
| 11:15 AM – 11:30 AM | CHIP: Updates for 2025 <i>David Steensma, MD, FACP</i> |
| 11:30 AM – 11:45 AM | RSK1 is an Exploitable Dependency in MPNs and secondary AML <i>Stephen Oh, MD, PhD</i> |
| 11:45 AM – 12:00 PM | JAK2 mutations in MPNs: From Bench to Bedside <i>Radek Skoda, MD</i> |
| 12:00 PM – 12:15 PM | Panel Discussion Moderators: <i>Angela Fleischman, MD, PhD and Stephen Oh, MD, PhD</i> All speakers above |
| 12:15 PM – 12:45 PM | Top Abstract Presentations Moderators: <i>Brandi Reeves, MD and Michael Grunwald, MD</i> <i>Abstract Presenters #1, 2, & 3</i> |
| 12:45 PM – 1:45 PM | LUNCH & VISIT EXHIBITS |
| 1:45 PM – 3:30 PM | Session #2: Targeting Driver Mutations in MPNs: A New Era For Therapeutics Moderators: <i>Linda Resar, MD and Shannon Elf, PhD</i> |
| 1:45 PM – 2:00 PM | Development of Type II selective JAK inhibitors <i>Andrew Dunbar, MD</i> |
| 2:00 PM – 2:15 PM | Targeting CALR mutations: Type 1 vs Type 2 <i>Shannon Elf, PhD</i> |
| 2:15 PM – 2:30 PM | TP53 mutations in MPNs: Clinical/Translational Considerations <i>Raajit Rampal, MD, PhD</i> |
| 2:30 PM – 2:45 PM | HMGA1 and HMGA2 in MPN: Biomarkers for Disease Progression <i>Linda Resar, MD</i> |
| 2:45 PM – 3:00 PM | Preclinical efficacy of CDK7 inhibition in post MPN AML <i>Kapil Bhalla, MD</i> |
| 3:00 PM – 3:30 PM | Panel Discussion Moderators: <i>Linda Resar, MD & Shannon Elf, PhD</i> All speakers above |
| 3:30 PM – 3:55 PM | BREAK & VISIT EXHIBITS |
| 3:55 PM – 5:10 PM | Special Session #2: Special Considerations in MPNs |
| 3:55 PM – 4:10 PM | Updates in Pediatric & AYA MPN <i>Nicole Kucine, MD, MS</i> |
| 4:10 PM – 4:25 PM | MPN in Pregnancy <i>Laura Michaelis, MD</i> |
| 4:25 PM – 4:40 PM | Artificial Intelligence in MPNs: Present and Future Directions <i>Andrew Srisuwananukorn, MD</i> |
| 4:40 PM – 4:55 PM | Thrombosis and MPNs: Clinical / Translational Updates <i>Brandi Reeves, MD</i> |
| 4:55 PM – 5:10 PM | Ropegylated IFN updates for 2025 in PV and ET <i>Ghaith Abu-Zeinah, MD</i> |
| 5:10 PM – 5:30 PM | WRAP-UP DAY 1; Q&A & ANNOUNCEMENTS: <i>Ruben Mesa, MD and Naveen Pemmaraju, MD</i> <i>FACULTY PHOTO PRIOR TO DINNER</i> |
| 6:00 PM – 9:00 PM | DINNER - FAHRENHEIT CHARLOTTE |

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

AGENDA

Saturday, August 23, 2025

7:10 AM – 8:10 AM **BREAKFAST & EXHIBITS**

8:10 AM – 8:15 AM **Day 2 OPENING REMARKS & RECAP FROM DAY 1** | *Ruben Mesa, MD & Naveen Pemmaraju, MD*

8:15 AM – 10:15 AM **Session # 3: ET, PV, Prefibrotic MF and AP/BP MPN** | **Moderator:** *Olatoyosi Odenike, MD*

8:15 AM – 8:30 AM **Patient Experience and Journey in MPNs: Symptoms and Patient Management Considerations**

Ellen Ritchie, MD

8:30 AM – 8:45 AM **Hematopathology in MPNs: Focus on WHO vs ICC Classifications**

Sanam Loghavi, MD

8:45 AM – 9:00 AM **Essential Thrombocytosis- What's new in 2025**

Alexander Coltoff, MD

9:00 AM – 9:15 AM **Polycythemia Vera - Updates in Standard of Care and Disease Management**

Michael Grunwald, MD

9:15 AM – 9:30 AM **Prefibrotic MF**

Abdulraheem Yacoub, MD

9:30 AM – 9:45 AM **Management of Patients with MPN in transformation to AP/BP**

Anand Patel, MD

9:45 AM – 10:15 AM **Panel Discussion**

Moderator: *Olatoyosi Odenike, MD*

All speakers above

10:15 AM – 10:30 AM **BREAK**

10:30 AM – 12:30 PM **Session #4: Myelofibrosis** | **Moderators:** *Aaron Gerds, MD & Rupali Bhawe, MD*

10:30 AM – 10:45 AM **Satiety Inhibition: Leptin, Weight Gain and MPNs**

Joseph Scandura, MD, PhD

10:45 AM – 11:00 AM **Anemia in MF: Novel Agents in Development**

Aaron Gerds, MD

11:00 AM – 11:15 AM **Ruxolitinib in MF 2025: 1st JAK inhibitor approved in MF**

Naveen Pemmaraju, MD

11:15 AM – 11:30 AM **Fedratinib in 2025: 2nd JAK inhibitor approved in MF: Current and Future Directions**

Andrew Kuykendall, MD

11:30 AM – 11:45 AM **Pacritinib in 2025: 3rd JAK inhibitor approved in MF**

Prithvi Bose, MD

11:45 AM – 12:00 PM **Momelotinib in 2025: 4th JAK inhibitor approved in MF**

Rupali Bhawe, MD

12:00 PM – 12:30 PM **Panel Discussion: JAKi in 2025 and beyond**

Moderators: *Aaron Gerds, MD & Rupali Bhawe, MD*

All speakers above

12:30 PM – 1:30 PM **LUNCH & VISIT EXHIBITS**

1:30 PM – 3:30 PM **Session #5: Novel Targeted Pathways in Myelofibrosis** | **Moderators:** *Laura Michaelis, MD and John Mascarenhas, MD*

1:30 PM – 1:45 PM **Telomerase Inhibition in MPNs**

John Mascarenhas, MD

1:45 PM – 2:00 PM **PIM Kinase Inhibitors in MPNs**

Firas El-Chaer, MD

2:00 PM – 2:15 PM **T-regulatory cell therapy in MPNs**

Lucia Masarova, MD

2:15 PM – 2:30 PM **XPO1 inhibition in MPNs**

Srinivas Tantravahi, MBBS, MRCP

2:30 PM – 2:45 PM **CAR-T and Immunotherapy in MPNs**

Tania Jain, MD

2:45 PM – 3:00 PM **MDM2 inhibitors in MPNs: Clinical Updates**

Pankit Vachhani, MD

3:00 PM – 3:30 PM **Panel Discussion**

Moderators: *Laura Michaelis, MD and John Mascarenhas, MD*

All speakers above

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

AGENDA

Saturday, August 23, 2025

3:30 PM – 4:00 PM **BREAK & VISIT EXHIBITS**

4:00 PM – 6:00 PM **Spotlight Session: Rare MPNs, Novel Targets, Stem Cell Transplantation** Moderators: *Lindsay Rein, MD and Jeanne Palmer, MD*

4:00 PM – 4:15 PM **MDS/MPN Overlap Syndromes: CMML and Beyond State-of-the-Art Update 2025**

Eric Padron, MD

4:15 PM – 4:30 PM **Novel Targets in CMML: NETosis**

Ami Patel, MD

4:30 PM – 4:45 PM **Systemic Mastocytosis: Updates on Clinical Trials**

Lindsay Rein, MD

4:45 PM – 5:00 PM **Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) Updates for 2025**

Naveen Pemmaraju, MD

5:00 PM – 5:15 PM **SCT in Myelofibrosis: Review of Clinical Data and Standards of Care**

Jeanne Palmer, MD

5:15 PM – 5:30 PM **Conditioning Regimen Optimization in SCT for MPNs**

Uday Popat, MD

5:30 PM – 5:45 PM **LSD1 Inhibitors in MPNs**

Nikolai Podoltsev, MD, PhD

5:45 PM – 6:00 PM **Panel Discussion**

Moderators: *Lindsay Rein, MD and Jeanne Palmer, MD*

6:00 PM **WRAP-UP Day 2:** *Ruben Mesa, MD and Naveen Pemmaraju, MD*

Follow this link for registration information:

<https://www.southpiedmontahec.org/event/74866>



MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

FACULTY

Ghaith Abu-Zeinah, MD

**Weill Cornell Medical College of Cornell University,
MPN Center**

Assistant Professor of Medicine,
Division of Hematology and Oncology
New York, NY

Kapil Bhalla, MD

University of Texas MD Anderson Cancer Center

Professor, Department of Leukemia,
Division of Cancer Medicine
Houston, TX

Rupali R. Bhawe, MD

**Atrium Health Wake Forest Baptist Comprehensive
Cancer Center**

Associate Professor, Cancer Medicine
Winston Salem, NC

Prithviraj Bose, MD

University of Texas MD Anderson Cancer Center

Professor, Department of Leukemia
Houston, TX

Alexander R. Coltoff, MD

Medical University of South Carolina

Assistant Professor
Charleston, SC

Andrew Dunbar, MD

University of Texas MD Anderson Cancer Center

Assistant Professor, Department of Hematopoietic
Biology and Malignancy
Houston, TX

Firas El-Chaer, MD

Baptist Health Miami Cancer Institute

Chief of Leukemia and Medical Director of Infusion
Miami, FL

Shannon Elf, PhD

University of Utah Huntsman Cancer Institute

Associate Professor
Salt Lake City, Utah

Angela G. Fleischman, MD, PhD

University of California, Irvine

Associate Professor
Orange, CA

Aaron Gerds, MD

Cleveland Clinic

Assistant Professor of Medicine, Hematology and
Medical Oncology
Cleveland, OH

Michael Grunwald, MD

Levine Cancer Institute

Chief of Leukemia Division, Director of the Transplantation
and Cellular Therapy Program
Charlotte, NC

Ronald Hoffman, MD

Mount Sinai Hospital

Director, Myeloproliferative Disorders Research Program
Professor of Medicine, Hematology and Medical Oncology
New York, NY

Tania Jain, MBBS

**Johns Hopkins University, Sidney Kimmel Comprehensive
Cancer Center**

Associate Professor
Baltimore, MD

Nicole E. Kucine, MD, MS

Weill Cornell Medical College of Cornell University

Director, Pediatric Myeloproliferative Neoplasm Program,
Associate Professor of Clinical Pediatrics
New York, NY

Andrew Kuykendall, MD

H. Lee Moffitt Cancer Center and Research Institute

Associate Member Department of Malignant Hematology,
Assistant Professor Department of Oncologic Sciences
Tampa, FL

Sanam Loghavi, MD

University of Texas MD Anderson Cancer Center

Assistant Professor, Department of Hematopathology,
Division of Pathology/Lab Medicine
Houston, TX

Lucia Masarova, MD

UT Health MD Anderson Cancer Center

Assistant Professor
Houston, TX

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

FACULTY

John O. Mascarenhas, MD

Icahn School of Medicine at Mount Sinai
Director, Center of Excellence in Blood Cancers
and Myeloid Disorders
New York, NY

Ruben Mesa, MD

**Atrium Health Wake Forest Baptist Comprehensive
Cancer Center**
Executive Director
Charlotte, NC

Laura C. Michaelis, MD

Medical College of Wisconsin
Chief, Professor
Milwaukee, WI

Olatoyosi Odenike, MD

UChicago Medicine
Professor of Medicine
Director, Leukemia Program
Chicago, IL

Stephen T. Oh, MD, PhD

Washington University School of Medicine
Associate Professor of Medicine
St. Louis, MO

Eric Padron, MD

Moffitt Cancer Center
Scientific Director, Department of Hematology
Tampa, FL

Jeanne M. Palmer, MD

Mayo Clinic
Consultant
Scottsdale, AZ

Anand A. Patel, MD

The University of Chicago Medicine
Assistant Professor of Medicine
Chicago, IL

Ami B. Patel, MD

University of Utah, Huntsman Cancer Institute
Assistant Professor, Division of Hematology and
Hematologic Malignancies
Salt Lake City, UT

Naveen Pemmaraju, MD

University of Texas MD Anderson Cancer Center
Professor, Department of Leukemia, Division of
Cancer Medicine
Houston, TX

Nikolai Podoltsev, MD, PhD

Yale School of Medicine
Associate Professor of Medicine, Hematology
New Haven, CT

Uday Popat, MD

University of Texas MD Anderson Cancer Center
Professor, Department of Stem Cell Transplantation,
Division of Cancer Medicine
Houston, TX

Raajit Rampal, MD, PhD

Memorial Sloan Kettering Cancer Center
Director, Center for Hematologic Malignancies and
Myeloproliferative Neoplasms Program
New York, NY

Brandi Reeves, MD

UNC School of Medicine
Assistant Professor of Medicine, Division of
Hematology
Chapel Hill, NC

Lindsay Rein, MD

Duke Health
Associate Professor of Medicine
Durham, NC

Linda Resar, MD

Johns Hopkins University School of Medicine
Professor of Medicine
Baltimore, MD

MPN Workshop of the Carolinas 2025

August 22 – 23, 2025

FACULTY

Ellen Ritchie, MD

Weill Cornell Medical College of Cornell University
Assistant Professor of Medicine
New York, NY

Joseph Scandura, MD, PhD

Weill Cornell Medical College of Cornell University
Associate Professor of Medicine, Division of
Hematology and Medical Oncology
New York, NY

Radek Skoda, MD

Baylor College of Medicine
Senior Faculty
Houston, TX

Andrew Srisuwananukorn, MD

The Ohio State University
Assistant Professor in the College of Medicine
Columbus, OH

David Steensma, MD, FACP

Ajax Therapeutics
Chief Medical Officer
Lincoln, MA

Srinivas Tantravahi, MBBS, MRCP(UK)

Huntsman Cancer Institute, University of Utah
Associate Professor
Sandy, UT

Pankit Vachhani, MD

University of Alabama at Birmingham
Associate Professor of Medicine, UAB Division of
Hematology/Oncology Medical Director, Clinical
Research Unit
Birmingham, AL

Abdulraheem Yacoub, MD

The University of Kansas Medical Center
Professor
Leawood, KS



Follow this link for registration information:
<https://www.southpiedmontahec.org/event/74866>