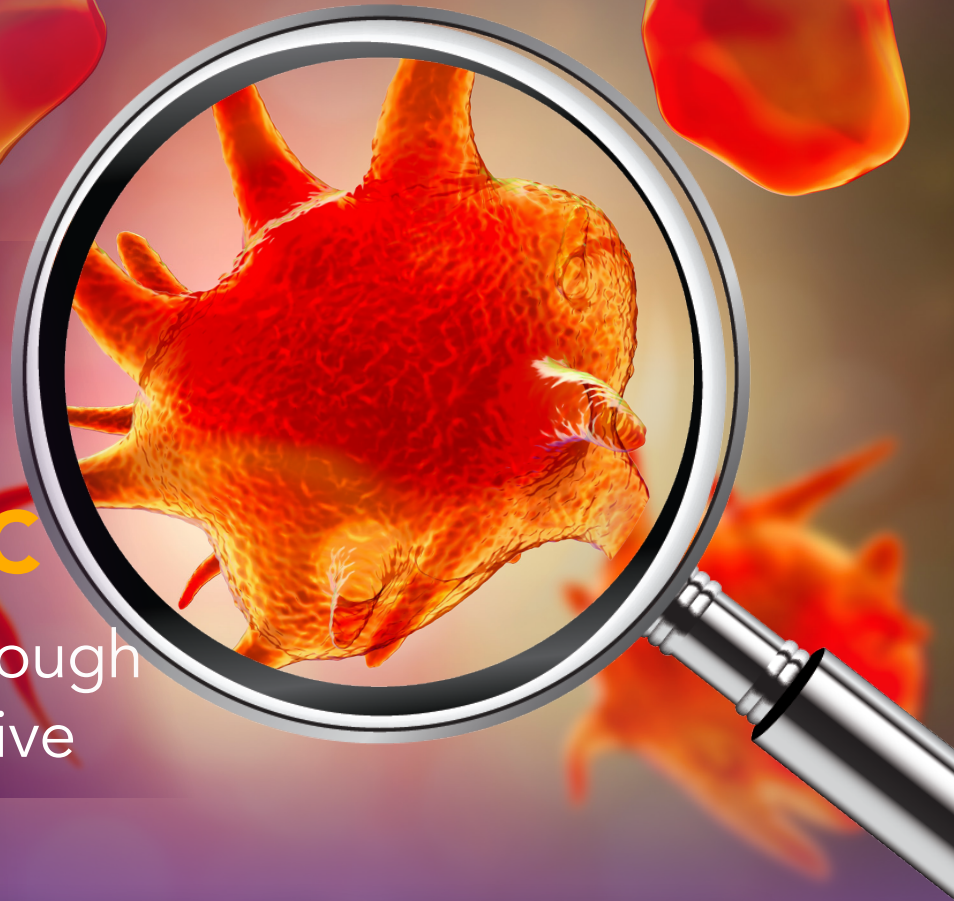


Friday Satellite Symposia

Preceding the 64th ASH Annual Meeting and Exposition

**“D” IS FOR
DIAGNOSIS**

**DECIPHERING
UNCOMMON
HEMATOLOGIC
DISORDERS** Through
the Eyes of a Detective



IN-PERSON + LIVE STREAMING SATELLITE SYMPOSIUM

FRIDAY, DECEMBER 9, 2022

3:00 PM – 6:00 PM CST

PROGRAM CHAIR

Pramod K. Mistry, MD, PhD, FRCP, FAASLD

For more information, visit us at...

gotoper.com



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Dear Colleague:

On behalf of Physicians' Education Resource®, LLC (PER®), we would like to welcome you and thank you for choosing to attend **"D" is for Diagnosis: Deciphering Uncommon Hematologic Disorders Through the Eyes of a Detective.**

This "D" for Diagnosis program will use mystery cases, presented in a detective style with audience response questions to involve the participants in working with an expert to solve 4 cases of patients presenting with symptoms of rare hematologic diseases. The cases will include patients with Gaucher disease, light-chain amyloidosis, immune thrombocytopenia, and thrombotic thrombocytopenic purpura. The goal is to improve awareness of rare diseases and the diagnostics methods and effective therapies that help the audience update their care for patients with rare hematological diseases. In addition, relevant abstracts and presentations from the American Society of Hematology 2022 meeting will be highlighted to further augment audience learning in rare hematological diseases.

In working together with PER®, we strive to make this activity, along with all PER®'s accredited continuing education (CE) activities, useful and impactful for health care professionals involved with the care of patients with rare hematologic diseases.

If there is anything additional that you need, if you experience an issue, or if you have an idea for a future activity that would help you in the care of your patients, please let us know.

We could not have our accredited CE activities without you, and we appreciate your commitment to learning about the latest advancements in the treatment of rare hematologic diseases. Let's work together to make this an educational experience that will make a positive difference for our patients!

We hope you enjoy your experience at this first-class PER® symposium, and that you can attend another PER® accredited CE activity soon.

Regards,

Pramod K. Mistry, MD, PhD, FRCP, FAASLD

Professor of Medicine and Pediatrics
Professor of Cellular and Molecular Physiology
Yale School of Medicine
New Haven, CT

Jim Palatine, RPh, MBA

President
Physicians' Education Resource®, LLC
Pharmacy Times Continuing Education
Cranbury, NJ
jpalatine@mjhlifesciences.com

AGENDA

3:00 PM	Welcome and Introduction	Pramod K. Mistry, MD, PhD, FRCP, FAASLD
3:10 PM	A Detective's Approach to Rare Diseases: Following the Clues	Pramod K. Mistry, MD, PhD, FRCP, FAASLD
3:25 PM	What is Hiding Behind the Abnormal Macrophage?	Pramod K. Mistry, MD, PhD, FRCP, FAASLD
3:55 PM	Q&A	
4:00 PM	The Mysterious Case of Renal Nephrotic Syndrome	Eli Muchtar, MD
4:25 PM	Q&A	
4:30 PM	An Intriguing Case with Dark Urine and Confusion	Pavan K. Bendapudi, MD
4:55 PM	Q&A	
5:00 PM	Seeing Red: The Mystery of the Unexplained Bruising	Nichola Cooper, MD
5:25 PM	Q&A	
5:30 PM	Bone Appétit! Being Served a Side of Complications	Pramod K. Mistry, MD, PhD, FRCP, FAASLD
5:50 PM	You've Cracked the Cases!	Pramod K. Mistry, MD, PhD, FRCP, FAASLD
6:00 PM	Adjourn	

Upcoming PER® Conferences

2022

Inaugural International Congress Pediatric Oncology	December 16
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2023

<i>The 1st Annual Hawaii Lung: A Multidisciplinary Case-Based Conference™</i>	Honolulu, HI	January 21
<i>20th Annual Winter Lung Conference®</i>	Hollywood, FL	February 3-5
<i>19th Annual International Symposium on Melanoma and Other Cutaneous Malignancies®</i>	Dallas, TX	February 4
<i>27th Annual International Congress on Hematologic Malignancies®</i>	Miami Beach, FL	February 23-26
<i>40th Annual Miami Breast Cancer Conference®</i>	Miami Beach, FL	March 2-5
<i>NYGU™ 16th Annual Interdisciplinary Prostate Cancer Congress® and Other Genitourinary Malignancies</i>	New York, NY	March 10-11
<i>8th Annual School of Gastrointestinal Oncology®</i>	Orlando, FL	May 6
<i>7th Annual International Congress on Oncology & Pathology™: Towards Harmonization of Pathology and Oncology Standards</i>		May 6
<i>14th Annual International Symposium on Ovarian Cancer and Other Gynecologic Malignancies</i>		May 13
<i>22nd Annual International Congress on the Future of Breast Cancer® East</i>	New York, NY	July 15-16
<i>24th Annual International Lung Cancer Congress®</i>	Huntington Beach, CA	July 27-29
<i>22nd Annual International Congress on the Future of Breast Cancer® West</i>	San Diego, CA	July 28-29
<i>20th Annual Meeting of the International Society of Gastrointestinal Oncology®</i>	Tempe, AZ	October 13-14
<i>21st Annual School of Breast Oncology®</i>	Atlanta, GA	November 2-4
<i>41st Annual CFS®: Innovative Cancer Therapy for Tomorrow®</i>	New York, NY	November 8-10
<i>18th Annual New York Lung Cancers Symposium®</i>	New York, NY	November 11

 Virtual Conference

 In-Person + Virtual Conference

 In-Person Conference

Target Audience

These activities are intended for medical oncologists, hematologist/oncologists, hematologists, primary care physicians, hematopathologists, and other health care professionals interested in understanding the current treatment guidelines and diagnostic strategies for patients who present with hematologic symptoms of unknown origin.

Learning Objectives

At the conclusion of this activity, you should be better prepared to:

- Determine key processes and criteria for differential diagnosis of rare hematologic disorders
- Explain the pathophysiology of rare blood disorders and its relationship to diagnosis confirmation and treatment decisions
- Integrate emerging data and updated guidelines into personalized treatment plans for patients with rare hematologic disorders
- Apply strategies to timely monitor and mitigate disease- and treatment-related adverse events in patients with rare blood disorders

Slides/e-Syllabus

Final slides will be uploaded to the e-syllabus on the PER[®] website by 12 PM EDT on Monday, December 12, 2022. To access these materials, please visit <https://www.gotoper.com/rareheme1222iss-esyl>.

How to Request Credit

To complete the online evaluation and receive a certificate of credit or participation, please visit <https://www.gotoper.com/rareheme1222iss-eval>.

The online evaluation and request for credit will be available immediately following the program and will remain available until January 23, 2023.

Accreditation/Designation of Credit


Physicians' Education Resource[®], LLC is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Physicians' Education Resource[®], LLC designates this live activity for a maximum of 3.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physicians' Education Resource[®], LLC is approved by the California Board of Registered Nursing, Provider #16669, for 3.0 Contact Hours.

Acknowledgment of Educational Grant Support

This activity is supported by an educational grant from Sanofi.



Thank you for attending **"D" is for Diagnosis:
Deciphering Uncommon Hematologic Disorders Through the Eyes of a Detective!**

To register for upcoming accredited CE live activities
or to view our online accredited CE activities, please visit www.gotoper.com.

We appreciate your attendance and look forward to seeing you at future PER[®] accredited CE activities.

Faculty, Staff, and Planners' Disclosures

The following individuals have no relevant financial relationships with ineligible companies to disclose: the staff of Physicians' Education Resource®, LLC.

The following individuals have relevant financial relationships with ineligible companies to disclose*:

Faculty	Grant/Research Support	Consultant	Speakers' Bureau	Other
Pavan K. Bendapudi, MD		Alexion Pharmaceuticals, Inc; Millennium Pharmaceuticals/ Takeda; SQZ Biotechnologies; Verve Therapeutics		
Nichola Cooper, MD, MA, MBBS, FRCP	Novartis; Rigel Pharmaceuticals, Inc	Amgen; argenx, Grifols; Novartis; Rigel Pharmaceuticals, Inc; Sanofi; Sobi; UCB		Reader in Immune Haematology at Imperial College
Pramod K. Mistry, MD, PhD, FRCP, FAASLD	Sanofi			Research grant and travel support
Eli Muchtar, MD		Protego Biopharma, Inc	Janssen	

**Information accurate at time of posting*

PER® has identified and mitigated all COI prior to the start of this activity by using a multistep process.

Off-Label Disclosure and Disclaimer

This accredited CE activity may or may not discuss investigational, unapproved, or off-label uses of drugs. Participants are advised to consult prescribing information for any products discussed. The information provided in this accredited activity is for continuing medical and/or nursing education purposes only and is not meant to substitute for the independent clinical judgment of a physician or nurse relative to the diagnostic, treatment, and management options for a specific patient's medical condition.

The opinions expressed in the content are solely those of the individual faculty members and do not reflect those of PER® or any of the companies that provided commercial support for this activity.

Physician Payments Sunshine Act

PER® complies with the Physician Payments Sunshine Act as a part of the Affordable Care Act (ACA). Accordingly, we may be required to collect information on transfers of value provided to any covered recipient under the ACA.

Program Chair



Pramod K. Mistry, MD, PhD, FRCP, FAASLD
Professor of Medicine and Pediatrics
Professor of Cellular and Molecular Physiology
Yale School of Medicine
New Haven, CT

Faculty



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Harvard Medical School
Division of Hematology and Blood Transfusion Service
Massachusetts General Hospital
Division of Hemostasis and Thrombosis
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Nichola Cooper, MD, MA, MBBS, FRCP
Senior Lecturer and Honorary Consultant Haematologist
Hammersmith Hospital
Imperial College London
London, UK



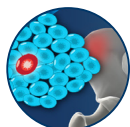
Eli Muchtar, MD
Associate Professor of Medicine
Mayo Clinic College of Medicine and Science
Rochester, MN

Did you miss one of our sessions?

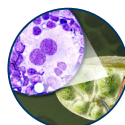
Check out the On-Demand Video Updates
from the Annual Hematology Meeting

—Rapid Archive from → **NEW ORLEANS**

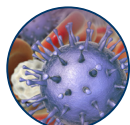
Archives will be available on December 10th



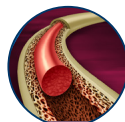
Optimized use of MRD in Hematologic Malignancies



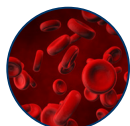
Maximizing Clinical Practice for Hodgkin Lymphoma



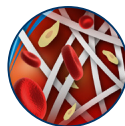
State-of-the-Art CMV Care



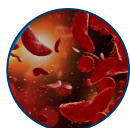
State-of-the-Art Care for MF and PV



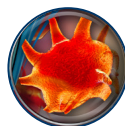
Emerging Treatments for Anemia in CKD



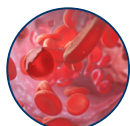
Exploring Gene Therapy in Hemophilia B



Holistic Approaches in Sickle Cell Disease Treatment



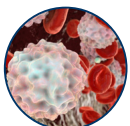
Diagnosing Uncommon Hematologic Disorders



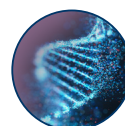
Diagnosis and Treatment of Hemolytic Anemias



Novel Therapies to Prevent and Treat GvHD



Optimized Treatments for ALL in Adolescents and Adults



Novel Treatments for Indolent and Aggressive B-Cell Lymphomas



Multidisciplinary Management of BPDCN



Treating Transfusion-Related Iron Overload



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