



## Hematology Enduring Courses

### Course Syllabus

Course Director: Robert S. Siegel, MD

| Thursday, August 8, 2024- Day 0: Hematology Enduring Courses   Online/On-Demand Training |            |   |  |
|--|------------|---|--|
| FILE   | SESSION    | TOPIC   | PRESENTER  |
| 1  | Hematology | Biology of Hematopoiesis                            | <b>Jerry L. Spivak, MD, MACP</b><br>Emeritus Professor of Medicine<br>Johns Hopkins University School of Medicine  |
| 2  | Hematology | Anemia of Chronic Illness                           | <b>Vera Malkovska, MD</b><br>Director of Hematology<br>MedStar Washington Hospital Center<br>The George Washington University  |
| 3  | Hematology | Megaloblastic and Sideroblastic Anemias             | <b>Vera Malkovska, MD</b><br>Director of Hematology<br>MedStar Washington Hospital Center<br>The George Washington University  |
| 4  | Hematology | Porphyrias  | <b>Victor R. Gordeuk, MD</b><br>Professor of Medicine<br>University of Illinois at Chicago   |
| 5  | Hematology | Red Cell Enzymes, Membranes, and Metabolism         | <b>Imad A. Tabbara, MD</b><br>Chief, Division of Hematology/Oncology of<br>DeCesaris Cancer Institute<br>Anne Arundel Medical Center<br>Clinical Professor of Medicine<br>George Washington University |
| 6  | Hematology | Mechanisms for Clotting                             | <b>Nigel S. Key, MB, ChB, FRCP</b><br>Harold R Roberts Distinguished Professor<br>University of North Carolina at Chapel Hill  |
| 7  | Hematology | Oral Anticoagulants and Antithrombotic Therapy      | <b>Alice Ma, MD, FACP</b><br>Professor of Medicine<br>University of North Carolina   |
| 8  | Hematology | Parenteral Antithrombotics and Thrombolytic Therapy | <b>Alice Ma, MD, FACP</b><br>Professor of Medicine<br>University of North Carolina   |
| 9  | Hematology | Review of Cellular Morphology                       | <b>Donald Karcher, MD</b><br>Professor of Pathology<br>The George Washington University  |

**Friday, August 9, 2024- Day 1: Hematology Session | Room: Salon I-II**

| FILE      | TIME                       | TOPIC   | PRESENTER   |
|-----------|----------------------------|---|---|
|           | <b>07:00 AM – 08:00 AM</b> | <b>Breakfast   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>10</b> | 08:00 AM – 08:05 AM        | Welcome   Housekeeping Notes  | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center                             |
| <b>11</b> | 08:05 AM – 08:45 AM        | ITP and Drug-Induced Thrombocytopenia   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center                             |
| <b>12</b> | 08:45 AM – 09:30 AM        | Hemolytic Anemia  | <b>Imad A. Tabbara, MD</b><br>Chief, Division of Hematology/Oncology of DeCesaris Cancer Institute<br>Anne Arundel Medical Center<br>Clinical Professor of Medicine<br>George Washington University |
| <b>13</b> | 09:30 AM – 10:15 AM        | Consumptive Thrombohemorrhagic Disorders (DIC, TTP, HUS)  | <b>Michele P. Lambert, MD, MSTR</b><br>Associate Professor of Pediatrics<br>Perelman School of Medicine at UPENN and The Children's Hospital of Philadelphia  |
|           | <b>10:15 AM – 10:35 AM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>14</b> | 10:35 AM – 11:20 AM        | The Hemophilias   | <b>Nigel S. Key, MB, ChB, FRCP</b><br>Harold R Roberts Distinguished Professor<br>University of North Carolina at Chapel Hill   |
| <b>15</b> | 11:20 AM – 12:05 PM        | Von Willebrand's Disease  | <b>Alice Ma, MD, FACP</b><br>Professor of Medicine<br>University of North Carolina  |
|           | <b>12:05 PM – 12:35 PM</b> | <b>Lunch   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>16</b> | <b>12:35 PM – 02:00 PM</b> | <b>Lunch Review Session 1:</b><br>Hemolytic Anemia, ITP Drug-Induced Thrombocytopenia, Consumptive Thrombohemorrhagic Disorders, Transfusion Medicine and Platelet Alloimmunization | <b>Moderator:</b> Dr. R. Siegel<br>Dr. K. Bauer   Dr. M. Lambert   Dr. A. Ma   Dr. A.K. Rao   Dr. I. Tabbara  |
| <b>17</b> | 02:00 PM – 02:45 PM        | Hypercoagulable States  | <b>Kenneth A. Bauer, MD</b><br>Professor of Medicine<br>Harvard Medical School  |
| <b>18</b> | 02:45 PM – 03:40 PM        | Qualitative Platelet Defects  | <b>A. Koneti Rao, MBBS</b><br>Sol Sherry Professor of Medicine<br>Co-Director, Sol Sherry Thrombosis Research Center, Lewis Katz School of Medicine   |
|           | <b>03:40 PM – 04:00 PM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>19</b> | 04:00 PM – 04:45 PM        | Acquired Disorders of Coagulation   | <b>Alice Ma, MD, FACP</b><br>Professor of Medicine<br>University of North Carolina  |
| <b>20</b> | 04:45 PM – 05:30 PM        | Transfusion Medicine  | <b>Herleen Rai, MD</b><br>Associate Director of the Clinical Pathology Residency Program<br>Assistant Professor of Pathology<br>The Johns Hopkins University School of Medicine                     |
| <b>21</b> | 05:30 PM – 06:15 PM        | Platelet Alloimmunization   | <b>Herleen Rai, MD</b><br>Associate Director of the Clinical Pathology Residency Program<br>Assistant Professor of Pathology The Johns Hopkins University School of Medicine                        |
| <b>22</b> | 06:15 PM – 06:20 PM        | Closing Reminders   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University,  |

|  |                            |                                   |                               |
|--|----------------------------|-----------------------------------|-------------------------------|
|  |                            |                                   | GW Cancer Center              |
|  | <b>06:20 PM – 09:20 PM</b> | <b>Dinner Product Forum (tbc)</b> | <b>Exhibitors   Attendees</b> |

**Saturday, August 10, 2024 - Day 2: Hematology Session | Room: Salon I-II**

| <b>FILE</b> | <b>TIME</b>                | <b>TOPIC</b>   | <b>PRESENTER</b>  |
|-------------|----------------------------|--|---|
|             | <b>07:00 AM – 08:00 AM</b> | <b>Breakfast   Visit Exhibit Hall- Salon III</b>   | <b>Exhibitors   Attendees</b>   |
| <b>23</b>   | 08:00 AM – 08:05 AM        | Welcome   Housekeeping Notes   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center   |
| <b>24</b>   | 08:05 AM – 08:50 AM        | Sickling Disorders   | <b>Santosh Saraf, MD</b><br>Associate Professor of Medicine University of Illinois at Chicago   |
| <b>25</b>   | 08:50 AM – 09:35 AM        | Iron Deficiency and Overload   | <b>Victor R. Gordeuk, MD</b><br>Professor of Medicine University of Illinois at Chicago   |
|             | <b>09:35 AM – 10:00 AM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>   | <b>Exhibitors   Attendees</b>   |
| <b>26</b>   | 10:00 AM – 10:45 AM        | Hemoglobinopathies   | <b>Victor R. Gordeuk, MD</b><br>Professor of Medicine University of Illinois at Chicago   |
| <b>27</b>   | 10:45 AM – 11:35 AM        | Bone Marrow Failure  | <b>Amy DeZern, MD, MHS</b><br>Professor of Oncology and Medicine Hematologic Malignancies Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins  |
|             | <b>11:35 AM – 12:00 PM</b> | <b>Lunch   Visit Exhibit Hall- Salon III</b>   | <b>Exhibitors   Attendees</b>   |
| <b>28</b>   | <b>12:00 PM – 02:00 PM</b> | <b>Lunch Review Session 2:</b><br>Hemoglobinopathies, White Cell Disorders, Bone Marrow Failure Sickle Cell Disease, TTP, HUS, DIC, HIT and Hematologic Complications of Pregnancy | <b>Moderator:</b> Dr. R. Siegel<br>Dr. A. DeZern   Dr. V. Gordeuk  <br>Dr. T. Warkentin   Dr. S. Saraf  |
| <b>29</b>   | 02:00 PM – 03:00 PM        | DIC, Anti-PF4 Disorders (HIT, VITT), and Ischemic Limb Gangrene  | <b>Theodore (Ted) Warkentin, MD</b><br>Professor, Department of Pathology and Molecular Medicine, McMaster University Regional Director, Transfusion Medicine Hamilton Regional Laboratory Medicine Program, Hamilton Health Sciences |
| <b>30</b>   | 03:00 PM – 03:45 PM        | White Cell Disorders   | <b>Amy DeZern, MD, MHS</b><br>Professor of Oncology and Medicine Hematologic Malignancies Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins  |
|             | <b>03:45 PM – 04:05 PM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>   | <b>Exhibitors   Attendees</b>   |
| <b>31</b>   | 04:05 PM – 04:50 PM        | ABO Incompatibility and Other Transfusion-Related Issues in Hematopoietic Transplantation  | <b>Shelley Kalsi, MD</b><br>Assistant Research Clinician Bethesda, MD Affiliation   |
| <b>32</b>   | 04:50 PM – 05:35 PM        | Hematologic Complications of Pregnancy   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center   |
| <b>33</b>   | 05:35 PM – 05:40 PM        | Closing Reminders  | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center   |
|             | <b>05:45 PM – 08:45 PM</b> | <b>Dinner Product Forum (tbc)</b>  | <b>Exhibitors   Attendees</b>   |

**Sunday, August 11, 2024- Day 3: Hematologic Malignancies Session | Room: Salon I-II**

| FILE      | TIME                       | TOPIC   | PRESENTER   |
|-----------|----------------------------|---|---|
|           | <b>06:30 AM – 07:30 AM</b> | <b>Breakfast   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>34</b> | 07:30 AM – 07:35 AM        | Welcome   Housekeeping Notes  | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center                     |
| <b>35</b> | 07:35 AM– 08:35 AM         | Pathology of Lymphomas  | <b>L. Jeffrey Medeiros, MD</b><br>Chair, Department of Hematopathology MD Anderson Cancer Center, University of Texas   |
| <b>36</b> | 08:35 AM – 09:35 AM        | Non-Hodgkin's Lymphoma  | <b>John Leonard, MD</b><br>Professor of Hematology and Medical Oncology, Senior Associate Dean for Innovation and Initiatives, Chair, Weill Cornell of Medicine                             |
|           | <b>09:35 AM – 09:55 AM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>37</b> | 09:55 AM – 10:50 AM        | Multiple Myeloma, Plasmacytoma, and MGUS  | <b>S. Vincent Rajkumar, MD</b><br>Edward W. and Betty Knight Scripps Professor of Medicine, Mayo Clinic   |
| <b>38</b> | 10:50 AM – 11:30 AM        | Hodgkin's Lymphoma  | <b>John Leonard, MD</b><br>Professor of Hematology and Medical Oncology, Senior Associate Dean for Innovation and Initiatives, Chair, Weill Cornell of Medicine                             |
| <b>39</b> | 11:30 AM – 12:15 PM        | Acute Lymphocytic Leukemia  | <b>Hagop Kantarjian, MD</b><br>Professor and Chair of the Department of Leukemia, Samsung Distinguished University Chair in Cancer Medicine, MD Anderson Cancer Center, University of Texas |
|           | <b>12:15 PM – 12:45 PM</b> | <b>Lunch   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>40</b> | <b>12:45 PM – 02:30 PM</b> | <b>Lunch Review Session 3:</b><br>Lymphomas, CLL, ALL, CML, Plasma Cell Disorders, and MGUS | <b>Moderator:</b> Dr. R. Siegel<br>Dr. H. Kantarjian   Dr. J. Leonard  <br>Dr. S. Rajkumar   Dr. M. Sekeres  <br>Dr. M. Davids  |
| <b>41</b> | 02:30 PM – 03:15 PM        | Chronic Myeloid Leukemia  | <b>Hagop Kantarjian, MD</b><br>Professor and Chair of the Department of Leukemia, Samsung Distinguished University Chair in Cancer Medicine, MD Anderson Cancer Center, University of Texas |
| <b>42</b> | 03:15 PM – 04:00 PM        | Myelodysplasia  | <b>Mikkael Sekeres, MD, MS</b><br>Chief, Division of Hematology and Professor of Medicine, Sylvester Comprehensive Cancer Center, University of Miami                                       |
|           | <b>04:00 PM – 04:20 PM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>   |
| <b>43</b> | 04:20 PM – 05:10 PM        | Waldenstrom's Macroglobulinemia and Amyloidosis   | <b>Morie A. Gertz, MD, MACP</b><br>Consultant, Mayo Distinguished Clinician, Mayo Clinic  |
| <b>44</b> | 05:10 PM – 05:55 PM        | Chronic Lymphocytic Leukemia  | <b>Matthew Davids, MD, MMSc</b><br>Associate Professor of Medicine, Dana-Farber Cancer Institute  |
| <b>45</b> | 05:55 PM – 06:00 PM        | Closing Reminders   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center                     |
|           | <b>06:00 PM – 09:00 PM</b> | <b>Dinner Product Forum (tbc)</b>   | <b>Exhibitors   Attendees</b>   |

**Monday, August 12, 2024- Day 4: Hematologic Malignancies Session | Room: Salon I-II**

| FILE      | TIME                       | TOPIC   | PRESENTER  |
|-----------|----------------------------|---|--|
|           | <b>07:00 AM – 08:00 AM</b> | <b>Breakfast   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>  |
| <b>46</b> | 08:00 AM – 08:05 AM        | Welcome   Housekeeping Notes  | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center              |
| <b>47</b> | 08:05 AM – 09:05 AM        | Acute Myeloid Leukemia  | <b>Richard M. Stone, MD</b><br>Chief of Staff, Professor of Medicine Dana Farber Cancer Institute, Harvard Medical School  |
| <b>48</b> | 09:05 AM – 09:50 AM        | Bone Marrow Transplantation   | <b>Monzr M. Al Malki, MD</b><br>Associate Professor, Department of Hematology & HCT, City of Hope National Medical Center  |
|           | <b>09:50 AM – 10:10 AM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>  |
| <b>49</b> | 10:10 AM – 11:10 AM        | Myeloproliferative Neoplasms  | <b>Ayalew Tefferi, MD</b><br>Barbara Woodward Lips Professor of Medicine Mayo Clinic   |
| <b>50</b> | 11:10 AM – 12:10 PM        | Pharmacology I  | <b>Chaoyuan (Charlie) Kuang, MD, PhD.</b><br>Assistant Professor of Oncology and Medicine, Montefiore Einstein Cancer Center Albert Einstein College of Medicine                     |
|           | <b>12:10 PM – 12:40 PM</b> | <b>Lunch   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>  |
| <b>51</b> | <b>12:40 PM – 02:30 PM</b> | <b>Lunch Review Session 4:</b><br>AML, Bone Marrow Transplantation, Myeloproliferative Neoplasms and Pharmacology | <b>Moderator:</b> Dr. R. Siegel<br>Dr. M. Al Malki   Dr. C. Kuang   Dr. R. Stone   Dr. A. Tefferi  |
| <b>52</b> | 02:30 PM – 03:15 PM        | T Cell Therapies for Cancer   | <b>Amarendra K. Neppalli, MD</b><br>Associate Professor, Chief, Plasma Cell Disorders, Director, Transplant and Cellular Therapy, The George Washington University, GW Cancer Center |
| <b>53</b> | 03:15 PM – 04:00 PM        | Pharmacology II   | <b>Chaoyuan (Charlie) Kuang, MD, PhD.</b><br>Assistant Professor of Oncology and Medicine, Montefiore Einstein Cancer Center Albert Einstein College of Medicine                     |
|           | <b>04:00 PM – 04:20 PM</b> | <b>Break   Visit Exhibit Hall- Salon III</b>  | <b>Exhibitors   Attendees</b>  |
| <b>54</b> | 04:20 PM – 04:50 PM        | Pharmacology III  | <b>Chaoyuan (Charlie) Kuang, MD, PhD.</b><br>Assistant Professor of Oncology and Medicine, Montefiore Einstein Cancer Center Albert Einstein College of Medicine                     |
| <b>55</b> | 04:50 PM – 05:40 PM        | Liquid Biopsies   | <b>Benjamin Levy, MD</b><br>Associate Professor<br>The Johns Hopkins School of Medicine  |
| <b>56</b> | 05:40 PM – 06:20 PM        | Palliative Care   | <b>Erica R. Schockett, MD, FAAHPM</b><br>System Division Chief, Palliative Care and Geriatric Medicine, Inova Schar Cancer Institute   |
| <b>57</b> | 06:20 PM – 06:30 PM        | Closing Remarks   Adjournment   | <b>Robert S. Siegel, MD</b><br>Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center              |
|           | <b>06:30 PM – 09:30 PM</b> | <b>Dinner Product Forum (tbc)</b>   | <b>Exhibitors   Attendees</b>  |