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**Workshop Co-Chairs**

**Jonathan W. Friedberg, MD, MMSc**, is Director of the James P. Wilmot Cancer Institute, and Samuel Durand Professor of Medicine and Oncology. He is a driving force behind the operations of our clinical programs research aspects of the Wilmot Cancer Center. Dr. Friedberg serves as chair of the lymphoma committee in SWOG as part of the National Clinical Trials Network, and has served as principal investigator on many local and national lymphoma treatment protocols for both Hodgkin lymphoma and non-Hodgkin’s lymphoma.

Dr. Friedberg received his medical degree from Harvard Medical School. His postgraduate training included an internship and residency at Massachusetts General Hospital. He also completed a medical oncology and hematology fellowship at Dana-Farber/Partners Cancer Care in Boston.

Dr. Friedberg also has an M.M.Sc. degree from Harvard Medical School in clinical investigation. His research interests focus on development of novel therapies for patients with lymphoma. He was awarded the Scholar in Clinical Research award from the Leukemia & Lymphoma Society, based upon his work with an oral inhibitor of a protein called Syk, which demonstrated efficacy in the treatment of several different forms of lymphoma, and chaired the Education Program of the American Society of Hematology annual meeting last year. He also serves as Associate Editor for hematological malignancies for *Journal of Clinical Oncology*.

**Michael E. Williams, MD, ScM**, is the Byrd S. Leavell Professor of Medicine and Professor of Pathology; Chief, Hematology/Oncology Division; Director, Hematologic Malignancies Program at the University of Virginia Health System, Charlottesville

Dr. Williams received his MD from the University of Cincinnati College of Medicine and a Master of Science from the Harvard School of Public Health. He completed his Medicine residency, Chief Residency, and Fellowship in Hematology/Oncology at the University of Virginia Health System in Charlottesville, where he currently serves as Chief of the Hematology/Oncology Division.

Dr. Williams’ research interests are in novel therapeutic approaches for non-Hodgkin lymphoma and CLL, including targeted agents and immuno-therapeutics. He serves on the Scientific Advisory Board and the Executive Committee of the Lymphoma Research Foundation, is a member of the European Mantle Cell Lymphoma Network, and is Vice-Chair of the Eastern Cooperative Oncology Group Lymphoma Core Committee.

Dr. Williams is past Chair of the Hematology Subspecialty Board of the American Board of Internal Medicine. He participates regularly in national and international programs devoted to education and research in lymphoma and CLL.
Workshop Steering Committee Members

Christopher R. Flowers, MD, is a Seattle native; he completed his undergraduate and medical training in California. He graduated from Stanford University from the Human Biology and Humanities honors programs. He remained at Stanford where he completed medical school and a master’s degree in Medical Information Sciences. After medical school, he returned to Seattle where he completed internal medicine residency at the University of Washington. After residency, Dr. Flowers continued his research training in Seattle through the Robert Wood Johnson Clinical Scholars Program and oncology fellowship at the Fred Hutchinson Cancer Research Center. At the University of Washington, he collaborated on studies that investigated the cost effectiveness of pharmacogenomics in oncology, and developed clinical and translation studies in chronic lymphocytic leukemia and non-Hodgkin’s lymphoma.

Dr. Flowers currently serves as Professor of Hematology and Oncology at Winship Cancer Institute at the Emory University School of Medicine. He additionally serves as Clinical Director for Oncology Informatics Program, and is a member of the Emory Stem Cell and Bone Marrow Transplant team as well as directs the lymphoma clinic at Emory. His current research span three areas: 1) translational research clinical trials in non-Hodgkin’s Lymphoma, 2) oncology informatics projects developing an information infrastructure to support pharmacogenomics and outcomes research, and 3) medical decision analyses and cost-effectiveness analyses aimed at developing strategies to individualize care for cancer patients.

Neil E. Kay, MD’s laboratory research is focused on B-chronic lymphocytic leukemia (CLL). This most common and still incurable leukemia is not fully understood in terms of both its clinical and biologic heterogeneity. However, because it is both a frequently diagnosed leukemia and provides ready access to leukemic cells, it proves to be an ideal tumor model for a variety of in vitro studies.

To support the laboratory studies described below, Dr. Kay and his colleagues have established an extensive CLL tissue bank and clinical database that is a rich, nationally recognized resource for CLL studies.

Dr. Kay’s work involves close collaboration with several other talented scientists at Mayo Clinic, including Diane F. Jelinek, Ph.D., in the Department of Immunology; Curtis A. Hanson, M.D., and Daniel L. Van Dyke, Ph.D., in the Department of Laboratory Medicine and Pathology; James R. Cerhan, M.D., Ph.D., in the Division of Epidemiology; and Susan L. Slager, Ph.D., in the Division of Biomedical Statistics and Informatics. This collaboration has provided for unique studies in CLL that now include extramurally funded studies in CLL B-cell signaling, detailed epidemiological studies of CLL and genome-wide analysis of familial CLL patients (CLL families with two or more CLL patients). Dr. Kay is also very involved in the design and implementation of CLL clinical trials for previously untreated and treated CLL patients that incorporate the latest novel drugs alone or in combinations. These trials are conducted within the national cooperative group system of the United States.
Workshop Steering Committee Members (continued)

John P. Leonard, MD, is the Richard T Silver Distinguished Professor of Hematology and Medical Oncology and Associate Dean for Clinical Research at the Weill Cornell Medical College. He is Vice Chairman for Clinical Research of the Department of Medicine and Associate Director of the Cancer Center at Weill Cornell Medical College and New York Presbyterian Hospital, where he also serves as Attending Physician, Chief of the Lymphoma Service and Director of the Joint Clinical Trials Office in New York City. He received his medical degree from the University of Virginia School of Medicine in Charlottesville, and completed his residency in medicine at New York Hospital–Cornell Medical Center and Memorial Sloan-Kettering Cancer Center.

Dr. Leonard completed a fellowship in hematology and oncology at Cornell, and served as chief medical resident at New York Hospital–Cornell Medical Center. His primary research interest is in the development of novel therapeutic strategies for the treatment of lymphoma and related hematologic malignancies. Much of his work has involved the development of novel therapies for lymphoma, including monoclonal antibodies, other immune-based treatments, targeted agents, and other innovative approaches.

Dr. Leonard’s research has been published in numerous medical journals, and he has served as a member of the editorial boards of Blood and Journal of Clinical Oncology, leading international journals in these fields. He is Chair of the Lymphoma Committee of the Alliance for Clinical Trials in Oncology, a multicenter cooperative group and key component of the National Cancer Institute’s National Clinical Trials Network. Dr. Leonard is an elected member of the American Board of Internal Medicine and American Society of Clinical Investigation.

Sonali M. Smith, MD, is a Professor in the Department of Medicine at The University of Chicago, and Director of the Lymphoma Program. Her clinical research interest is in the development of new agents and rational combinations in the management of both treatment-naïve and rel/ref lymphomas. She has a special interest in the prognosis and biology of lymphoma, with an ultimate aim to personalize approaches based on individual risk factors. Dr. Smith has a number of leadership positions with national and international visibility. She is Vice-Chair of the SWOG Lymphoma Committee where she oversees clinical trial development at the cooperative group level and mentors faculty across the country.

She is the incoming chair of the Continuous Professional Development Committee for ASCO and currently serves as the chair of the ASCO Women in Oncology Subcommittee, and is also scientific track leader for Lymphoma/CLL for 2017. She has been an active member of ASH and is currently co-editor of Hematology, the society’s annual education book. Her previous ASH service includes membership on the Committee on Communications (2003-2007), the 50th Anniversary Planning Committee (2005-2007), the Committee on Education (2011-2014), representation to the American College of Radiology, faculty at the inaugural Clinical Research Training Institute in Latin America (2014), speaker at the Highlights of ASH and other small ASH meetings, and many years of providing abstract review and session moderator. She is also co-chair of the CIBMTR Lymphoma Working Group, and is currently studying the role of stem cell transplantation for patients with high-risk follicular lymphoma. She has a special passion for patient education and is on the Scientific Advisory Board for the Lymphoma Research Foundation where she is also involved in mentoring junior faculty dedicated to lymphoma, and recently co-chaired the 2017 Lymphoma Clinical Research Mentoring Program and chairs the LRF Chicago Rounds. Through ASH, ASCO, CIBMTR, LRF and SWOG, Dr. Smith collaborates on research projects, provides physician education, and works on workshops and websites aimed at providing reliable information for patients and families affected by lymphoma. She has over 130 publications and given almost 200 presentations to peers and/or patient audiences. She is also on the Editorial Board of JCO and Cancer. In July 2017, she became the Elwood V. Jensen Professor of Medicine in the Section of Hematology/Oncology.
Workshop Agenda

October 19, 2017

8:00 AM  Registration and Breakfast

9:00 AM  Welcome and Workshop Overview
Jonathan W. Friedberg, MD, MMSc
James P. Wilmot Cancer Institute, University of Rochester
Michael E. Williams, MD, ScM
University of Virginia Cancer Center

9:15 AM  Patient Adherence and Oral Anticancer Treatment
Joseph A. Greer, PhD
Massachusetts General Hospital

10:00 AM  Utilization and Adherence of Oral Anticancer Agents: Perspectives and Opportunities from the National Cancer Institute (NCI)
Wendy Nelson, PhD, MPH
Basic Biobehavioral and Psychological Sciences Branch, NCI

10:20 AM  Adherence in the TKI Era, or How to Run the CML Marathon
Michael J. Mauro, MD
Memorial Sloan Kettering Cancer Center

10:45 AM  Break

11:00 AM  Oral Therapies and Adherence in Lymphoma Roundtable
Moderated by Drs. Williams and Friedberg
Christopher R. Flowers, MD
Winship Cancer Institute of Emory University
John P. Leonard, MD
Weill Cornell Medical Center
Sonali M. Smith, MD
The University of Chicago

12:15 PM  Summary and Next Steps: Areas and priorities for future investigation
Jonathan W. Friedberg, MD, MMSc
James P. Wilmot Cancer Institute, University of Rochester
Michael E. Williams, MD, ScM
University of Virginia Cancer Center

12:30 PM  Lunch
Joseph A. Greer, PhD, is the Program Director of the Center for Psychiatric Oncology & Behavioral Sciences and the Associate Director of the Cancer Outcomes Research Program at the Massachusetts General Hospital Cancer Center. He is also an Assistant Professor of Psychology at Harvard Medical School.

Dr. Greer’s research focuses on the development and testing of supportive care interventions for patients with cancer. As the principal investigator and collaborator on numerous grant-funded projects, he is studying the application of cognitive-behavioral therapy (CBT) to treat anxiety in patients with advanced cancer; the use of mobile technology to promote symptom management and adherence to oral chemotherapy medications; and the benefits of early palliative care integrated with standard oncology care.

Dr. Greer has published over 80 scholarly papers, reviews, chapters, and commentaries related to this work. He has received funding from the National Institutes of Health, American Cancer Society, Patient Centered Outcomes Research Institute, and philanthropic donations. Dr. Greer’s program of research is greatly informed by his clinical practice at the MGH Cancer Center where he provides CBT for patients and their families.

Michael J. Mauro, MD, is Professor of Medicine, leader of the Myeloproliferative Neoplasms Program, and clinical director of the Leukemia Service at Memorial Sloan Kettering Cancer Center in New York City. After receiving his BS and MD from Dartmouth College and Dartmouth Medical School in New Hampshire, he completed both residency and fellowship training at the New York-Presbyterian Hospital/Weill Cornell Medical College in Manhattan. Before joining Memorial Sloan Kettering, Dr. Mauro was on the faculty of Oregon Health and Sciences University for 13 years, where he directed the CML clinical trial program and was involved in the early development and sentinel clinical studies of ABL kinase inhibitors for CML. Dr. Mauro’s clinical expertise is in treating patients with chronic myeloid leukemia (CML) as well as other myeloproliferative disorders, including myelofibrosis, polycythemia, and thrombocytosis as well as less common conditions such as eosinophilic and mast cell disorders.

He holds positions on the boards of the International CML Foundation, the MAX Foundation, and the Leukemia and Lymphoma Society.
Wendy Nelson, PhD, MPH, has been a program director in the Behavioral Research Program at the National Cancer Institute, National Institutes of Health, since 1999. She received her undergraduate degrees from Smith College and Duke University School of Nursing, her MPH from Johns Hopkins School of Hygiene and Public Health, and her PhD in clinical psychology from Saint Louis University. Dr. Nelson completed a clinical psychology internship at Harvard University Medical School and a postdoctoral fellowship at Northwestern University Medical School. Prior to her career in psychology, Dr. Nelson was an oncology nurse at Memorial Sloan-Kettering Cancer Center and a Nurse Officer in the U.S. Public Health Service. Her public health career included an Epidemic Intelligence Service fellowship with the Centers for Disease Control and Prevention, and several years as an epidemiologist in the Center for Drug Evaluation and Research at the Food and Drug Administration. Before coming to NIH, Dr. Nelson was assistant professor in the Department of Psychiatry and Behavioral Sciences at Northwestern University Medical School. At NCI, Dr. Nelson developed the Basic and Applied Decision Making in Cancer Control initiative in an effort to bridge basic judgment and decision-making science and applied cancer prevention and control research. Her research interests include medical decision making, the role of numeracy in health-related decision making, cognitive effects of cancer and cancer treatment, adherence to oral anticancer agents, ethics of clinical trials, and human subjects research protections.
Acknowledgements

The workshop co-chairs, Dr. Jonathan W. Friedberg and Dr. Michael E. Williams, the workshop steering committee, and LRF Chief Executive Officer Meghan Gutierrez wish to extend their gratitude to the Workshop faculty. We appreciate the time and diligence you spent assembling important data and information to help inform those with a vested interest in the development of safe and effective lymphoma oral therapies and improving patient adherence to these important treatments.

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