“MEMA 2014 UPDATES: FOCUS ON HEMATOLOGICAL MALIGNANCIES”

Sponsored jointly by
MD Anderson Cancer Center
Global Academic Programs
In collaboration with
King Hussein Cancer Center, Jordan

April 24 – 26, 2014
American University of Beirut, Lebanon

Organized by
The Continuing Medical Education Office at AUBMC

Syllabus

www.aubmc.org
A Message from the Chairperson of the Assembly

It is with great pleasure that I welcome you to the Middle East Medical Assembly (MEMA) 2014 Updates and to the American University of Beirut. A tradition and a ritual that AUBMC has been holding generation after generation, meetings after meetings, successes after successes, a landmark of AUB’s glorious role and radiant achievement in Lebanon and the Middle East. Like every healthy and surviving entity, MEMA continues to evolve towards a specialized, and multidisciplinary scientific meeting simulating AUBMC 20/20 vision, and reassuring AUB’s place as a host of world experts in medical knowledge and research. It also aims to enrich medical education, research skills and quality accessible health care in Lebanon and the Region. In its evolving dimensions, MEMA is making a new leap into a new future of superb scientific and clinical achievements, an era of preemptive medicine, and information technology that will shape our entire knowledge and practice of medicine and medical and public health education, as AUB and AUBMC.

This year the program’s main focus is on “Hematological Malignancies”, updates and challenges, sponsored jointly by MD Anderson Cancer Center (MDACC) Global Academic Programs (GAP) and in collaboration with King Hussein Cancer Center, Jordan. In addition, the program also addresses core themes that emphasize primary health care providers, nursing care skills, as well as innovative clinical research, through well designed workshops, plenary and key lectures, and lecture sessions in various fields of hematology, immunology, and stem cells.

I do hope you will make the most of this scientific event. I am sure you will find time to enjoy Lebanese hospitality and warmth, the 150 year old beautiful campus of AUB, our beloved Beirut and the whole country.

Ali Taher, MD, PhD, FRCP
Professor of Medicine, Hematology & Oncology
Associate Chair - Research, Department of Internal Medicine
Director - Fellowship and Residents Research Program, Faculty of Medicine
American University of Beirut Medical Center
Beirut - Lebanon
Adjunct Professor of Hematology & Medical Oncology
Emory School of Medicine
Atlanta - USA
Chairperson MEMA 2014 and 2015
47th MEMA Committees

Organizing Committee

Prof. Ali Taher
Chairperson

Members

Dr. George Abi Saad
Dr. Oliver Bogler
Dr. Fuad Boulos
Dr. Ghassan Hamadeh
Dr. Ahmad Husari
Dr. Faris Madanat
Dr. Hilario Mata
Dr. Anwar Nassar
Ms. Dalya Nehme
Dr. Ala’ Sharara

Scientific Committee

Dr. Fady Geara
Chairperson

Dr. Ali Bazarbachi
Co-Chairperson

Members

Dr. Salah Abbasi
Dr. Miguel Abboud
Dr. Fawzi Abdulrahman
Dr. Richard Champlin
Dr. Hassan El Solh
Dr. Hagop Kantarjian
Dr. Rami Mahfouz
Dr. Fadi Merhi
Dr. Samar Muwakkit
Dr. Sally Temraz

Business Committee

Dr. George Abi Saad
Chairperson

Dr. Hassan El Solh
Co-Chairperson

Members

Dr. Samir Alam
Dr. Ali Bazarbachi
Dr. Ghassan Hamadeh
Dr. Souha Kanj
Dr. Ali Shamseddine
Dr. Ala’ Sharara
Dr. Muhieddine Seoud
Prof. Ali Taher

Social Committee

Fundraising Sub-Committee:

Mrs. Rihab Uri
Chairperson

Members

Mrs. Laila Ajam
Mrs. Rana Alley
Mrs. Samia Hourani (Consultant)
Ms. Nadeen Kaddoura
Mrs. Randa Kouzbari
Mrs. Lamia Osseiran
Mrs. Rita Saadeh

Dinner and Logistics Sub-Committee:

Mrs. Sawsan Maktabi
Chairperson

Members

Mrs. Rima Abbas
Ms. Rana Alley
Mrs. Nathalie Geara
Mrs. Noha Kaddoura
Mrs. Balkis Zaatari (Consultant)
Mrs. Fadia Zaynoun
Mrs. Mona Zaytoun

Fundraising Sub-Committee:

Mrs. Rihab Uri
Chairperson

Members

Mrs. Laila Ajam
Mrs. Rana Alley
Mrs. Samia Hourani (Consultant)
Ms. Nadeen Kaddoura
Mrs. Randa Kouzbari
Mrs. Lamia Osseiran
Mrs. Rita Saadeh

Dinner and Logistics Sub-Committee:

Mrs. Sawsan Maktabi
Chairperson

Members

Mrs. Rima Abbas
Ms. Rana Alley
Mrs. Nathalie Geara
Mrs. Noha Kaddoura
Mrs. Balkis Zaatari (Consultant)
Mrs. Fadia Zaynoun
Mrs. Mona Zaytoun
46th MEMA Faculty

Fareed Barakat, MD
Consultant
Assistant member
Department of Pathology and Laboratory Medicine
King Hussein Cancer Center
Amman, Jordan

Ali Bazarbachi, MD, PhD
Associate Dean for Basic Research
Professor of Medicine, Hematology and Oncology
Professor of Anatomy, Cell Biology
and Physiological Sciences
Director, Bone Marrow Transplantation Program
American University of Beirut, Medical Center
Beirut, Lebanon

Mohammad Beydoun, RN, MSN
BMT Case Manager
Nursing Services
American University of Beirut – Medical Center
Beirut, Lebanon

Bertrand Coiffier, MD
Professor and Head
Department of Hematology
Hospices Civils de Lyon
University Claude Bernard
Lyon, France

Rebecca El Asmar, RN, MSN
Adult Oncology Clinical Nurse Specialist,
Nursing Services
American University of Beirut – Medical Center
Beirut, Lebanon

Ghina El Khatib, RN, BSN, MPH
Oncology Clinical Educator
Nursing Services
American University of Beirut – Medical Center
Beirut, Lebanon

Aida Farha, BS Pharmacy
Medical Information Specialist
Saab Medical Library
American University of Beirut
Beirut, Lebanon

Frank Ferris, MD, FAAHPM, FAACE
Executive Director
Palliative Medicine
Research and Education
Ohio Health
Ohio, USA

Guillermo Garcia-Manero, MD
Professor, Department of Leukemia
Chief, Section of Myelodysplastic Syndromes
Deputy Chair, Translational Research,
Division of Cancer Medicine
The University of Texas MD Anderson Cancer Center
Houston, USA

Hanan Hamid, MD
Professor
General Internal Medicine
Faculty of Medicine
Ain Shams University
Cairo, Egypt

Jean Luc Harousseau, MD
Professor of Hematology, University of Nantes
Head, Department of Clinical Hematology
Director of the Cancer Center René Gauducheau
Nantes, France

Olivier Hermine, MD
Professor
University Paris Descartes
Coordinator
Mastocytoses Reference Center
Paris, France

Elias Jabbour, MD
Associate Professor
Department of Leukemia
Division of Cancer Medicine
The University of Texas MD Anderson Cancer Center
Houston, USA

Hagop M. Kantarjian, MD
Chairman and Professor of Medicine
Department of Leukemia
Division of Cancer Medicine
The University of Texas MD Anderson Cancer Center
Houston, USA

Mohamed Kharfan-Dabaja, MD, FACP
Senior Member and Professor of Oncologic Sciences
Department of Blood and Marrow Transplantation
Moffitt Cancer Center
University of South Florida
Florida, USA

Samir N. Khleif, MD
Director,
GRU Cancer Center and GRU Cancer Service Line
Professor of Medicine and Professor
of Biochemistry and Cancer Biology
Georgia Research Alliance Distinguished Cancer
Scientist and Clinician
Georgia Regent University
Augusta, USA
François Xavier Mahon, MD  
Professor  
Department of Hematology  
Bordeaux University  
Bordeaux, France

Lina Marei, MD  
Consultant  
Medical Oncologist  
Assistant Member  
Department of Medicine  
King Hussein Cancer Center  
Amman, Jordan

Mohamad Mohty, MD  
Head  
Clinical Hematology and Cellular Therapy Department  
University Pierre and Marie Curie  
Hospital Saint-Antoine  
Paris, France

Deborah Mukherji, MD  
Assistant Professor of Clinical Medicine  
Department of Hematology Oncology  
American University of Beirut Medical Center  
Beirut, Lebanon

Susan O’Brien, MD  
Ashbel Smith Professor  
Department of Leukemia  
Division of Cancer Medicine  
The University of Texas MD Anderson Cancer Center  
Houston, USA

Dima Suki, PhD  
Director of Data Management and Professor  
Department of Neurosurgery  
The University of Texas MD Anderson Cancer Center  
Houston, USA
General Information and Accreditation

Overview

The Middle East Medical Assembly offers a panoply of high standard educational activities for participants. Attendees can enhance their clinical skills, explore practice performance issues, benefit from the newest and most advanced techniques, participate in sessions addressing specialty topics and interact with internationally renowned experts.

MEMA 2014 Updates will feature state-of-the-art educational sessions focused on Hematological Malignancies, Nursing and Clinical Research workshops, General Practitioners and Family Medicine session, symposia and special memorial lectures.

Learning Objectives

At the end of this activity, the audience will be able to:

- Describe an overview on clinical trials in Hematological Malignancies
- Describe the role of nurses in Hematological Malignancies
- Describe the work-up of patients, management, diagnosis and indication of referral for complete blood counts (CBC)
- Discuss updates on treatment and target therapy of acute lymphocytic and myeloid leukemias
- Describe types of managements for hematological malignancies

Target Audience

This annual scientific meeting has been designed for physicians, nurses, residents, medical students, trainees and researchers in Hematological Malignancies.
**European Hematology Association Accreditation**

This annual scientific meeting has been designed for physicians, nurses, residents, medical students, trainees and researchers in Hematological Malignancies.

The program of the “MEMA 2014 Updates” has been reviewed and approved for CME accreditation by the European Hematology Association CME Unit. The EHA-CME Unit has approved this educational activity for a maximum number of CME credits. Each physician should only claim credits for time that she/he actually spent in the educational activity. We are pleased to inform you that the “MEMA 2014 Updates” April 24 – 26, 2014, 2014 has been awarded __ EHA-CME Credit Points.

All participants may print a European Hematology Association CME System approved CME certificate indicating the number of EHA-CME Credit Points awarded, directly from the system on the CME section of the EHA website at (http://cme.ehaweb.org/)

**CME and CNE Accreditation**

MEMA also complies with the Lebanese Order of Physicians and the Order of Nurses in Lebanon Continuing Medical Education guidelines.

**Disclaimer**

The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient’s medical condition. The viewpoints expressed in this CME activity are those of the authors/faculty. They do not represent an endorsement by AUBMC. In no event will AUBMC be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

Copyright © 2014 AUBMC. All Rights Reserved.
Certificates - Eligibility and Distribution

**Important Note:** Kindly complete all necessary evaluation forms and hand them in to the registration desk at the time of certificate issuance. No certificates will be issued without all completed evaluation forms of the sessions attended.

<table>
<thead>
<tr>
<th>Type of Certificate</th>
<th>Eligibility</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUB Certificate of Attendance</td>
<td>All attendees and speakers are eligible for an AUB Certificate of Attendance</td>
<td>To receive your AUB certificate of attendance, you are kindly requested to present your registration badge to the registration desk at the end of the activity. Your certificate will be issued immediately.</td>
</tr>
<tr>
<td>Lebanese Order of Physicians (LOP) Certificate</td>
<td>All attendees and speakers registered under the LOP are eligible for an LOP certificate</td>
<td>To receive your LOP certificate, you are kindly requested to pass by the registration desk daily to scan your badge. Your certificate will be issued at the end of the conference only.</td>
</tr>
<tr>
<td>AMA PRA Category I Credits™ Certificate</td>
<td>All attendees and speakers are eligible for the AMA PRA Category I Credits™ certificate</td>
<td>To receive your AMA PRA Category I Credits™ certificate you are kindly requested to complete the speaker evaluation form and then log on to the Cleveland Clinic MyCME website (More details below under “Evaluation Forms”). No forms will be accepted after May 11, 2013.</td>
</tr>
</tbody>
</table>

For further assistance or clarification please kindly pass by the registration desks.
EHA-CME Certificate:

To receive your EHA CME certificate, you are kindly requested to do the following:

User Instructions:

Step 1: Visit www.ehaweb.org and select the CME link on the top left side of the page.

Step 2: From the CME home page, select the “Claim Credits” tab at the top. If you are an account holder: you may log in on this page. If you do not have a CME account yet, you may create an account by using the link “register here” on this page.

Step 3: Click on “select meeting” in the left-hand menu or the “next” button below your personal overview.

Step 4: Select the “MEMA 2014 Updates” from the list.

Step 5: Enter your personal login code (this is your congress registration number). Click “verify” to continue.

Step 6: In order to proceed to claim your credits, please fill in the questionnaire regarding the meeting.

Step 7: Click “next” at the bottom of the page to continue to claim credits › Evaluate sessions page.

Step 8: Evaluate the sessions that you have attended from 1 to 10. (10 is the highest score).

Step 9: Click “next” at the bottom of the page to view your credits. The system will automatically save your information after you have left the page.

Step 10: To print your EHA-CME certificate please use the “print” button on the far right side of the table. Please be advised to only print your certificate when you have finished claiming for all the sessions you have attended. Once the certificate has been printed, no changes can be made.

You will have four months after the closure of the meeting to claim your EHA-CME Credit Points.

Further information on the European Hematology Association CME System is available at www.ehaweb.org. If you require more information or assistance you may contact:
EHA-CME Unit: cme@ehaweb.org T +31 70 3020 099

Evaluation Forms

The speaker evaluation forms are located in your conference bag and available at the registration desks. Your comments and feedback are important for future planning. Please complete the speaker evaluation form and return it to the registration desk in order to issue your certificate.
## Schedule at a Glance and Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Thursday, April 24</th>
<th>Friday, April 25</th>
<th>Saturday, April 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>Grounds of SML</td>
<td>IFH</td>
<td>IFH</td>
</tr>
<tr>
<td>8:00</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00</td>
<td>Naji Sahyoun Memorial Lecture</td>
<td>Hematological Malignancies</td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>Khalil Abu Feisal Lecture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>Registration</td>
<td>Lunch Break</td>
<td>Lunch Break/Alumni Luncheon</td>
</tr>
<tr>
<td>1:00</td>
<td>Nursing Workshop</td>
<td>Hematological Malignancies</td>
<td>Pharma Symposium 1</td>
</tr>
<tr>
<td>2:00</td>
<td>Clinical Research Program Workshop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00</td>
<td>MEMA OPENING CEREMONY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:00</td>
<td>RECEPTION</td>
<td>Keynote Lecture</td>
<td></td>
</tr>
<tr>
<td>5:00</td>
<td>MEMA OPENING CEREMONY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00</td>
<td>MEMA OPENING CEREMONY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00</td>
<td>MEMA OPENING CEREMONY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>MEMA OPENING CEREMONY</td>
<td></td>
<td>Fundraising Scholarship GALA DINNER (8:00pm)</td>
</tr>
</tbody>
</table>
Thursday April 24, 2014: Issam Fares Hall

Nursing Workshop: Evidence and Quality in Oncology Nursing Care
In Collaboration with the Clinical and Professional Development Center

Moderators: Iman Kouatly, RN, BSN, MPH, Mohammad Ali Hamandi, RN, BSN, MPH, Hera Artinian, RN, BSN, MPH and Samar Noureddine, RN, FAHA, PhD

13:00 – 13:05 INTRODUCTION

13:05 – 13:20 Quality of oncology nursing care: Quality indicators
Ghina El Khatib, RN, BSN, MPH

13:20 – 13:40 Psychosocial care and support for patients with hematologic malignancies
Rebecca El Asmar, RN, MSN

13:40 – 14:10 Exploring the universe of evidence – based nursing
Aida Farha, BS Pharmacy

14:10 – 14:30 Fertility recovery and prevalence of pregnancy after hematopoietic stem cell transplantation
Mohamad Baydoun, RN, MSN

14:30 – 14:45 COFFEE BREAK

Clinical Research Program Workshop

Moderators: Samia Khoury, MD

14:45 – 15:15 Common pitfalls in research protocol development
Dima Suki, MD, PhD

15:15 – 15:45 Clinical case series: Planning and oversight
Deborah Mukherji, MD and Dima Suki, MD, PhD

15:45 – 16:15 Clinical research self-audit procedures
Deborah Mukherji, MD and Dima Suki, MD, PhD

16:15 – 16:45 Ethical considerations in clinical research
Dima Suki, MD, PhD

16:45 – 17:00 BREAK

Opening Ceremony and Exhibit

17:00 – 18:00 Opening Ceremony at Issam Fares Hall

18:00 – 18:30 Opening of the exhibit area on the grounds of the Saab Medical Library followed by a reception
Friday April 25, 2014: Issam Fares Hall

**Plenary Lectures**

*Introduced by: Ali Taher, MD, PhD*

10:00 – 11:00

The Naji Sahyoun Memorial Lecture: Immune therapy: A new dawn in cancer treatment
*Samir Khleif, MD*

11:00 – 12:00

The Khalil Abou Feisal Lecture: Palliative care
*Frank Ferris, MD*

12:00 – 12:45 LUNCH BREAK

**Hematological Malignancies**

12:45 – 12:55 Welcome and Introduction
*Ali Bazarbachi, MD, PhD and Hagop Kantarjian, MD*

**Acute Lymphocytic Leukemia**

*Moderators: Miguel Abboud, MD and Walid Moukadem, MD*

12:55 – 13:10 Treatment of Philadelphia-positive ALL
*Elias Jabbour, MD*

*Hagop Kantarjian, MD*

13:25 – 13:40 Minimal residual disease and molecular genetics
*Fareed Barakat, MD*

13:40 – 13:50 Questions and Answers: panel discussion

**Acute Myeloid Leukemia**

*Moderators: Hassan El Solh, MD*

13:50 – 14:05 The management of older patients with AML
*Guillermo Garcia Manero, MD*

14:05 – 14:20 The management of adult patients with AML: Subsets and MRD
*Hagop Kantarjian, MD*

14:20 – 14:35 Role of allogeneic stem cell transplantation in AML/MDS
*Mohamad Mohty, MD*

14:35 – 14:45 Questions and answers: panel discussion

14:45 – 15:00 COFFEE BREAK
Myelodysplastic Syndromes
Moderators: Ziad Salem, MD

15:00 – 15:15  Prognostic models: Clinical and biological factors
Hagop Kantarjian, MD

15:15 – 15:30  Optimal frontline therapies
Guillermo Garcia Manero, MD

15:30 – 15:45  Management of patients with failure of hypomethylating agents
Elias Jabbour, MD

15:45 – 15:55  Questions and answers: panel discussion

Pharma Symposium 1 supported by MSD (NON-CME)
Moderator: Arafat Tfayli, MD

15:55 – 16:30  Progress and Research with anti-emetics in Oncology
Richard Gralla MD, FACP

16:30 – 17:00  Advances in antifungal prophylaxis in patient with hematologic malignancies
Zeina Kanafani, MD

Keynote Lecture

17:00 – 18:00  Introduced by: Ali Bazarbachi, MD, PhD
Stem cell transplantation: Current trends and future perspectives
Mohamad Mohty, MD

Complete Blood Counts (CBC): Red Flags in Primary Care
Moderators: Mona Osman, MD and Khalil Ashkar, MD
Panel: Ali Taher, MD, PhD, Elias Jabbour, MD and Ali Bazarbachi, MD, PhD

18:00 – 18:30  Anemia

18:30 – 19:00  Thrombocytopenia

19:00 – 19:30  Leukocytosis

19:30 – 20:00  General Interpretation of abnormal CBC components
Saturday April 26, 2014: Issam Fares Hall

Hematological Malignancies

Chronic Myeloid Leukemia
Moderators: Sally Temraz, MD and Nizar Bitar, MD

10:00 – 10:20 Optimizing frontline therapy in CML
Hagop Kantarjian, MD

10:20 – 10:35 Management of patients failing frontline therapy
Lina Marei, MD

10:35 – 10:50 Eradication of MRD and stopping therapy
François-Xavier Mahon, MD

10:50 – 11:00 Questions and answers: panel discussion

11:00 – 11:20 COFFEE BREAK

Myeloproliferative Neoplasms
Moderators: Nagi El Saghir, MD

11:20 – 11:40 Update on the management of MPN: Jak-2 inhibitors and beyond
Hanan Hamed, MD

11:40 – 11:50 Questions and answers: panel discussion

Multiple Myeloma
Moderators: Ali Shamseddine, MD and Ahmad Ibrahim, MD

11:50 – 12:05 Management of non-transplant candidates
Mohamad Kharfan Dabaja, MD

12:05 – 12:20 Optimal frontline therapy in transplant candidates
Jean Luc Harousseau, MD

12:20 – 12:35 Novel agents in myeloma
Mohamad Mohty, MD

12:35 – 12:45 Questions and answers: panel discussion

12:45 – 14:30 LUNCH BREAK / ALUMNI LUNCHEON (By invitation only)
Pharma Symposium 2 supported by Amgen (NON-CME)

14:30 – 15:30  New paradigm in the management of multiple myeloma
   TBA

Chronic Lymphocytic Leukemia and Indolent Lymphomas
Moderators: Zaher Chakhachiro, MD and Nabil Shamseddine, MD

15:30 – 15:45  Frontline therapies in CLL
   Susan O’Brien, MD

15:45 – 16:00  Management of follicular lymphoma
   Bertrand Coiffier, MD

16:00 – 16:15  Management of splenic lymphoma
   Olivier Hermine, MD

16:15 – 16:30  Novel agents in CLL
   Susan O’Brien, MD

16:30 – 16:40  Questions and answers: panel discussion

16:40 – 16:55  COFFEE BREAK

Aggressive Lymphomas
Moderators: Rami Mahfouz, MD

16:55 – 17:15  Management of mantle cell lymphoma
   Olivier Hermine, MD

17:15 – 17:35  Management of diffuse large B cell lymphoma
   Bertrand Coiffier, MD

17:35 – 17:55  Management of adult T cell leukemia/lymphoma (ATL)
   Ali Bazarbachi, MD, PhD

17:55 – 18:10  Novel agents in lymphoma
   Bertrand Coiffier, MD

18:10 – 18:20  Questions and answers: panel discussion

18:20 – 18:35  Conclusions and adjourn
Contact Information
For more information about MEMA, please contact:

Continuing Medical Education Office
American University of Beirut
P.O. Box 11-236 Riad El Solh
Beirut 1107 2020
Lebanon
Tel: +961-1-350 000 ext. 4717/8 or 4572
Fax: +961-1-744 467
Email: cme@aub.edu.lb or mema@aub.edu.lb
Web: http://cme.aub.edu.lb or http://mema.aub.edu.lb

Official Exhibit Organizer
Infomed International for Events
Tel: +961 1 510881/2/3
Fax: +961 1 482116
E-mail: infomed@infomedweb.com