



Faculty of Medicine
Salim El-Hoss Bioethics and Professionalism Program
المركز الطبي في الجامعة الأميركية في بيروت
برنامج سليم الحوص للأخلاقيات الاحترافية والاحتراف



1980 - 2015



The *Salim El-Hoss Bioethics and Professionalism Program* at the American University of Beirut, Faculty of Medicine and Medical Center, hosted by the *Arabian Gulf University*, and in joint providership with *Cleveland Clinic*, announces its 8th regional conference:

Stem Cells: Promises and Controversies

Arabian Gulf University
Manama, Bahrain



March 26-27, 2016

GENERAL INFORMATION

Program Overview

This activity is the 8th regional conference held by the Salim El-Hoss Bioethics and Professionalism Program at AUBFM/MC. It aims at bringing together all those concerned to explore various ethical and practical issues related to stem cells.

Objectives

As a result of attending this conference, the participant will be able to do the following:

- ✓ Provide an update on scientific research on human stem cells
- ✓ Explore the ethical and clinical consequences of anticipated scientific breakthroughs in stem cell research
- ✓ Consider the religious controversies surrounding scientific breakthroughs in stem cell research
- ✓ Explore the challenges and opportunities for stem cell research in the region
- ✓ Describe the need for ethics guidelines for research with pluripotent stem cells.
- ✓ Discuss the general features of the revised guidelines for stem cell research.
- ✓ Recognize the need for ethics oversight of innovative approaches to the clinical translation of stem cell research.
- ✓ Identify some of the early challenges facing policy makers in response to stem cell science
- ✓ Discuss some of the impediments to developing policy consensus on stem cell policy today
- ✓ Recognize the criteria for ethically credible stem cell policy
- ✓ Discuss some of the strengths and weaknesses of current approaches to reduce the risk of misconduct

Target Audience

This annual scientific meeting has been designed for physicians, researchers, scientists, policymakers, lawyers and nurses involved in stem cells.

Venue

The “Stem Cells: Promises and Controversies” conference will be held at the Arabian Gulf University in Manama, Bahrain.

Registration

The registration fee for this conference is USD 300. It will include coffee breaks, lunch, syllabus and reading material.

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Cleveland Clinic Foundation Center for Continuing Education and American University of Beirut Medical Center. The Cleveland Clinic Foundation Center for Continuing Education is accredited by the ACCME to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

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Faculty Disclosure Statement

In accordance with the Standards for Commercial Support issued by the Accreditation Council for Continuing Medical Education (ACCME), The Cleveland Clinic Foundation Center for Continuing Education requires resolution of all faculty conflicts of interest to ensure CME activities are free of commercial bias.

The following faculty has indicated that they may have a relationship, which in the context of their presentation(s), could be perceived as a potential conflict of interest:

Jeremy Sugarman Merck KGaA Advisory Committee

The following faculty have indicated they have no relationship which, in the context of their presentation(s), could be perceived as a potential conflict of interest:

George Abi Saad
Thalia Arawi
Mohammad A. Albar
Moiz Bakhiet
Ali Bazarbachi
Abdulla Bucheery
Timothy Caulfield
Henry T. "Hank" Greely
Ahmed Mandil
Khaled Tabbara

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 The Cleveland Clinic Foundation. In no event will The Cleveland Clinic Foundation be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

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PROGRAM SCHEDULE

Day 1: Saturday, March 26, 2015			
Unit	Timing	Lecture	Speaker
	8:30 am – 9:00 am	Registration	
1	9:00 am – 9:05 am	Opening Speech American University of Beirut	Dr. Ali Bazarbachi representing Dr. Mohamed Hassan Sayegh (Dean, AUBFM)
2	9:05 am – 9:15 am	Welcome Speech, Arabian Gulf University, Bahrain	Dr. Khaled Tabbara (AGU)
3	9:15 am – 9:30 am	Welcome Note	Dr. Thalia Arawi (SHBPP, AUBFM/MC)
4	9:30 am – 9:50 am	Video Presentation: The Stem Cell Story	Dr. Thalia Arawi (SHBPP, AUBFM/MC)
5	9:50 am – 10:00 am	Patient's Perspective	Mr. Abdulla Bucheery
	10:00 am – 10:30 am	Coffee Break	
Theme I: Stem Cell Research: Regulations and Policies			
6	10:30 am – 10:55am	Stem Cells, Science Hype and Health Policy	Prof. Timothy Caulfield
7	10:55 am – 11:20 am	Updating International Ethics Guidelines for Stem Cell Research	Dr. Jeremy Sugarman
8	11:20 am – 11:45 am	From Lab to Legislature to Lab: Ethics of Translating Innovative Science to Innovative Policy	Professor Henry T. Greely
	11:45 am – 12:05 pm	Q&A	
Theme II: Stem Cell Research in the Arab World: Advances and Prospects			
9	12:05 pm – 12:30 pm	Stem-Cells Research: A Global & Regional Perspective	Dr. Ahmad Mandil
10	12:30 pm – 12:55 pm	Neutral Stem Cells For Treatment Of Demyelinating Diseases: Fantasy Or Real Prospect	Dr. Ali Bazarbachi
	12:55 pm – 1:15 pm	Q&A	
	1:15 pm – 2:15 pm	Lunch Break	
11	2:15 pm – 2:40 pm	ISRAA induced potential transformation effects on human blood cells and growth regulation of mouse embryonic brain stem cells	Dr. Moiz Bakhiet
	2:40 pm – 3:00 pm	Q&A	
	3:00 pm	End of Day 1	

Day 2: Sunday, March 27, 2015

Unit	Timing	Lecture	Speaker
Theme III: Religious Perspectives on Stem Cell Research			
1	9:00 am – 9:25 am	Islamic perspective of Stem Cell Research	Dr. Mohammad A. Albar
	9:25 am – 9:45 am	Q&A	
	9:45 am – 10:05 am	Coffee Break	
Theme IV: Stem Cells in the Clinical Setting: Opportunities and Challenges			
2	10:05 am – 10:30 am	Promises and Perils of Using an Innovation Paradigm for the Clinical Translation of Stem Cell Research	Dr. Jeremy Sugarman
3	10:30 am – 10:55 am	The Policy Challenge: The Ethics of Marketing of Unproven Stem Cell Therapies	Prof. Timothy Caulfield
	10:55 am – 11:15 am	Q&A	
Theme V: Implications of Stem Cell Research			
4	11:15 am – 11:40 am	When Ethics Go Wrong: What Stem Cell Science Has Taught Us About Scientific Misconduct	Professor Henry T. Greely
	11:40 am – 12:00 pm	Q&A	
	12:00 pm – 12:25 pm	Panel discussion and closure	

Keynote Speakers:



Mohammed Ali Albar, MBBCh, FRCP

Mohammed Ali Albar is the Director of Medical Ethics at the International Medical Center (IMC) in Jeddah, Saudi Arabia. He received his Bachelor of Medicine (MBBCh) with honors in Cairo (1964), his Membership of the Royal Colleges of Physicians of the United Kingdom (MRCP) in 1971 and later his FRCP in 1994. Dr. Albar has been involved in research and scholarly work related to Medical Ethics, particularly the Islamic Perspective, and has published numerous books and prominent papers on various issues such as organ transplantation, stem cell research, and abortion.



Moiz Bakhiet, MD, PhD

Moiz Bakhiet is the Chief Executive Director (Founder) of Princess Al-Jawhara Centre for Molecular Medicine, Genetics, and Inherited Disorders. He is a Professor and Chairman of the Department of Molecular Medicine, College of Medicine and Medical Sciences, Arabian Gulf University, and is a senior Consultant/Physician Neurologist at the Bahrain Royal Medical Services, Kingdom of Bahrain. Pr. Bakhiet received his M.B.B.S. in 1985 from the Faculty of Medicine, University of Khartoum, and his Ph.D. in Medical Sciences in 1993 from Karolinska Institutet,

Stockholm, Sweden. He also obtained a Clinical Specialty in Neurology in 1993 from the Swedish Board of Health and Welfare.

He published more than 100 papers in high rated scientific journals as Cell, Nature, J Exp. Med., J Immunol., etc., published more than 40 abstracts, and had several International Patents. He participated in many Ph.D. Examination Committees, acted as potential reviewer for many journals and several foundations, received several Awards and Fellowships, and actively participated in international scientific congresses. He is also an active member in many International Scientific, Medical Societies, and Associations. Pr. Bakhiet attended more than 20 national and international pedagogic courses, participated as a teacher for lecturing at foreign universities and in international meetings more than 40 times, and he presented more than 35 national and international seminars. He supervised 12 Ph.D., 8 Licentiate (M.Phil.) and 25 Master students with also regular lecturing and tutoring of undergraduate and graduate students. As a physician, Pr. Bakhiet worked for 14 years as a consultant, 17 years as specialist, and he had 25 years experience of on-call services and standby duties with main special clinical competence in General Neurology and Neuroimmunology.

In the field of Literature and Thought, Pr. Moiz Bakhiet Published 12 poetry books which have been collected recently in 3 full collections of poetry. He participated in more than 100 National, Regional, and International poem festivals and recitations, and he won several

prices. He also has several creativity contributions in many cultural, intellectual, and creative forums in different countries of the world such as the Mirbad Festival in Iraq, and the XIII Ramtha Festival of Arabic poetry, Jordan. He presented several poem recitations in many Arab cities and in Europe, Americas and Asia, and hosted by several TVs, radio, and Arab and Western satellite channels. He is one of the founders of the Arab Swedish Cultural Society, Chairman of the Association of Culture and Cultural Secretary of the Association of Medical Students at the University of Khartoum, provider of television programmes and TV late shows in Sudan from 1985 until 1989, and a Founder of a major cultural forum on the Internet. In press and media, Pr. Moiz Bakhiet has many writings releases, articles, and poems since the beginning of the eighties in the undergraduate until now. Pr. Bakhiet is a founder of the Sudanese Movement for Change.



Dr. Ali Bazarbachi, MD, PhD

Associate Dean & Professor of Medicine; Professor of Anatomy, Cell Biology and Physiological Sciences
Director, Bone Marrow Transplantation
AUB Medical Center
Beirut, Lebanon

Dr. Ali Bazarbachi earned his MD and PhD degrees and did his residency and fellowship training at University of Paris VII in France. His research focuses on oncogene-targeted therapies for leukemia and lymphoma. He is chairman of the EMBMT Leukemia Working Party, chairman of the NCCN Lymphoma Group for Middle East and North Africa, and past president of the Lebanese Society of Hematology. He is associate dean for basic research.



Abdulla Hussain Ali Bucheery

Abdulla Hussain Ali Bucheery is the Bahrain MS Patient Society President since 2013. Previously he served as the Bahrain MS support group coordinator (1999-2013). He attended a number of seminars and workshops in London, and Cairo, the MS Patients summit in Zorach Switzerland 2010, and the MS Societies in GCC meeting in Kuwait. He obtained his first Diploma in welding & fabrication from Muharraq Secondary Technical School (1984) and his second Diploma in Marine Surveying from Lloyd's list events, International institute for Marine Surveyors, London (2003). He also obtained an Associated Degree in mechanical engineering (Bahrain Polytechnic). Mr. Bucheery has 27 years of experience at GPIC, and retired as Product Handling & Export Supervisor and 4years of experience in Arab Iron & Steel Company.



Timothy Caulfield, PhD

Timothy Caulfield is a Canada Research Chair in Health Law and Policy and a Professor in the Faculty of Law and the School of Public Health at the University of Alberta. He has been the Research Director of the Health Law Institute at the University of Alberta since 1993. Over the past several years he has been involved in a variety of interdisciplinary research endeavours that have allowed him to publish over 300 articles and book chapters. He is a Fellow of the Trudeau Foundation and the Principal Investigator for a number of large interdisciplinary projects that explore the ethical, legal and health policy issues associated with

a range of topics, including stem cell research, genetics, patient safety, the prevention of chronic disease, obesity policy, the commercialization of research, complementary and alternative medicine and access to health care. Professor Caulfield is and has been involved with a number of national and international policy and research ethics committees, including: Canadian Biotechnology Advisory Committee; Genome Canada's Science Advisory Committee; the Ethics and Public Policy Committee for International Society for Stem Cell Research; and the Federal Panel on Research Ethics. He has won numerous academic awards and is a Fellow of the Royal Society of Canada and the Canadian Academy of Health Sciences. He writes frequently for the popular press on a range of health and science policy issues and is the author of *The Cure for Everything: Untangling the Twisted Messages about Health, Fitness and Happiness* (Penguin 2012) and *Is Gwyneth Paltrow Wrong About Everything?: When Celebrity Culture and Science Clash* (Penguin 2015).



Henry T. Greely

Henry T. "Hank" Greely is the Deane F. and Kate Edelman Johnson Professor of Law and Professor, by courtesy, of Genetics at Stanford University. He specializes in ethical, legal, and social issues arising from advances in the biosciences, particularly from genetics, neuroscience, and human stem cell research. He directs the Stanford Center for Law and the Biosciences and the Stanford Program on Neuroscience in Society; chairs the California Advisory Committee on Human Stem Cell Research; and serves on the Neuroscience Forum of the Institute of

Medicine, the Advisory Council for the National Institute for General Medical Sciences of NIH, the Committee on Science, Technology, and Law of the National Academy of Sciences, and the NIH Multi-Council Working Group on the BRAIN Initiative. He was elected a fellow of the American Association for the Advancement of Science in 2007.

Professor Greely graduated from Stanford in 1974 and from Yale Law School in 1977. He served as a law clerk for Judge John Minor Wisdom on the United States Court of Appeals and for Justice Potter Stewart of the United States Supreme Court. After working during the Carter Administration in the Departments of Defense and Energy, he entered private practice in Los Angeles in 1981 as a litigator with the law firm of Tuttle & Taylor, Inc. He began teaching at Stanford in 1985.



Ahmed Mandil, MBChB, DrPH, FFPH

Ahmed Mandil is Coordinator, Research Development & Innovation, WHO/EMRO, Cairo, Egypt (seconded from the High Institute of Public Health, University of Alexandria, where he is Prof of Epidemiology). He received his bachelor degree in medicine and surgery degree (1981) and master's degree in Pediatrics (1985) from Alexandria University, Egypt. Subsequently, he received his Doctorate in Public Health from the UCLA School of Public Health, USA (1991). He was Dean, College of Health Sciences, University of Sharjah, UAE (2004-2006) and Secretary, International Epidemiological Association (2002-2008). He currently serves as board member / peer reviewer of scientific journals including: WHO Eastern Mediterranean Health Journal (EMHJ), Journal of Epidemiology & Global Health (JEGH), and Journal of Family & Community Medicine (JFCM). He has more than 50 publications in peer-reviewed journals, contributed to the "Public Health in the Arab World" book (2012), WHO publications as: "emergency preparedness and response national capacity assessment survey" (2008); and "non-communicable disease national capacity assessment survey" (2001).



Jeremy Sugarman, MD, MPH, MA

Jeremy Sugarman, MD, MPH, MA is the Harvey M. Meyerhoff Professor of Bioethics and Medicine, professor of medicine, professor of Health Policy and Management, and deputy director for medicine of the Berman Institute of Bioethics at the Johns Hopkins University. He is an internationally recognized leader in the field of biomedical ethics with particular expertise in the application of empirical methods and evidence-based standards for the evaluation and analysis of bioethical issues. Dr. Sugarman is the author of over 200 articles, reviews and book chapters and has also edited or co-edited four books. Dr. Sugarman consults and speaks internationally on a range of issues related to bioethics. Dr. Sugarman served on the Maryland Stem Cell Research Commission. He is a member of the Scientific and Research Advisory Board for the Canadian Blood Service, the Ethics and Public Policy Committee of the International Society for Stem Cell Research, and the Board of Directors of PRIM&R (Public Responsibility in Medicine and Research). He is co-chair of the Johns Hopkins' Institutional Stem Cell Research Oversight Committee. In addition, he is chair of the Ethics Working Group of the HIV Prevention Trials Network and is the ethics officer for the Resuscitation Outcomes Consortium. Dr. Sugarman has been elected as a member of the American Society of Clinical Investigation and the Institute of Medicine. He is a fellow of the American Association for the Advancement of Science, the American College of Physicians and the Hastings Center.

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