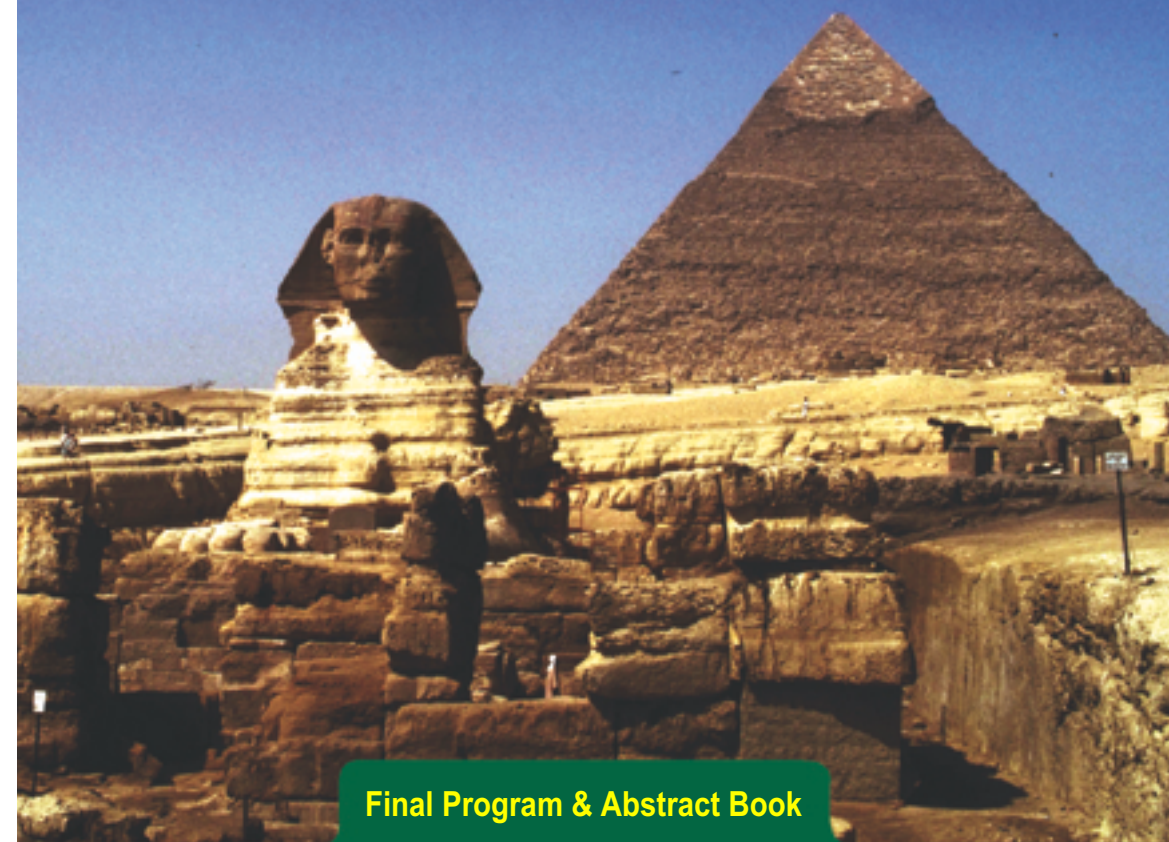




The 1st International Conference of the Arab Society for Medical Research

Endemic Diseases in the Arab world
“Collaboration and Combating Measures”

Natinal Research centre
Cairo, Egypt
November 7-9, 2006



Final Program & Abstract Book

Conference Chairman
Prof. Dr. Hany El-Nazer

Conference Co-Chairman
Dr. Karam Mahdy

The 1st International Conference of the Arab Society for Medical Research

Under the Patronage of H. E.

Mr. Amr Moussa

Secretary General of the League of Arab States

Conference Chairman

Prof. Dr. Hany El Nazer

President of the NRC-Egypt

President of the Arab Society for Medical Research

Conference Co-Chairman

Prof. Dr. Karam Mahdy

General Secretary

Prof. Dr. Azza Abd El-Shaheed

Welcome message

Dear colleagues

It is the greatest pleasure to welcome to the 1st International Conference of the Arab Society for Medical Research that held in Cairo-Egypt at the National Research Centre.

The main theme of the meeting this year is Endemic Diseases in the Arab World, since it has negative effect on the Arab societies and their development. We hope that the Arab scientists collaborates, share ideas and exchange their experiences for better management of the endemic diseases in the Arab region.

A part from our dynamic scientific programme, we are planning a variety of enjoyable social events for entertainment. It will be great chance to visit the multicultural Cairo and enjoy the so many attraction of Egypt, one of the oldest civilizations in the world. We hope all participants will enjoy the pleasure of worm Egyptian hospitality and culture. We assure you that this meeting will represent a memorable addition to our scientific knowledge.

Conference Chairman

Prof. Dr. Hany El Nazer

The Arab Society for Medical Research

Board of Directors

President

Hany El- Nazer

Vice President

Azza Abd El- Shaheed

Secretary General

Karam Abdel-Rahman Mahdy

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Mostafa El-Mesairy

Amina Gamal El-Din

Esmat Abdel-Ghaffar

Mahsoub Mourad

Ashraf Shaalan

Hanaa Hamdy

Organizing Committee

(Alphabetically)

Abdel Razik Farrag

Farag alla Elmoghazy

Hanaa Hamdy Ahmed

Nihal Farouk

Osama Moustafa Refai

Samia Abdel Aziz

Somia Nada

Wafaa Kandeel

Chairman of the Scientific Committee

Prof. Dr. Ashraf Shaalan

Members

(Alphabetically)

Professors

Abdelbaset El-Aaser

Amina Gamal El-Din

Amr Mourad

Ashraf Al Haroni

Azza Abdel Shaheed

Fathia El- Refaei

Mahsoub Mourad

Mohamed Mikhles

Mostafa El Awady

Mostafa El-Mesairy

Nagwa Ammar

Nagwa Hasan

Said Shalaby

Samia Abdel Aziz

Shams Ismail

Sobhi Kishta

Soheir Salem

Wafaa Ismail

Yehia Shaker

Main Topic

- Human genetics and endemic diseases
- Surgery and endemic diseases
- Endemic infectious diseases
- Complementary Medicine: New vision for better health
- Reproductive endemic diseases
- Cancer in relation to endemic diseases
- Preventable pediatrics endemic diseases: Update on immunization
- Endemic parasitic diseases
- Impact of endemic diseases and public health
- Natural products and endemic diseases
- Biochemical aspects of endemic diseases
- Pathology of endemic diseases and associated tumors
- Endemic Liver diseases: Hepatitis

Invited Gasts

Prof. Dr Anton Hermann (Austria)

*Dept. "Cell Biology, Div. "Animal Physiology"
University Salzburg
Hellbrunnerstr. 34 A-5020 Salzburg
Austria*

Prof. Dr. Thomas Simmet (Germany)

*University of Ulm
Institute of Pharmacology, Toxicology & Natural Products
Department of Pharmacology of Natural Products & Clinical
Pharmacology
Helmholtzstr. 20
D-89081 Ulm, Germany*

Prof. Dr. Henry Zeidan (USA) Ph.D., FACB, HCLD

*Professor of Biomedical and Pharmaceutical Sciences
High complexity Clinical Laboratory Director*

Prof. Dr. Masanori Yoshioka Ph. D (Japan)

*Faculty of Pharmaceutical Sciences
Setsunan University
45-1, Nagaotogecho, Hirakata
Osaka, 573-0101, Japan*

Prof. Dr. Najib Al-Khaja (Emirates)

*President, Centre for Arab Genomic Studies, 22252 Dubai,
United Arab Emirates*

Prof. Dr. Fayig El-Migdadi M.D., Ph.D (Jordon)

*Fellow of International Medical Education
Associate Professor of Biochemistry, Molecular Biology and
Medical Laboratory Sciences, School of Medicine
Jordan University of Science and Technology
PO Box 3030
Irbid, JORDAN 22110*

Date: Nov 7-9, 2006

Venue: National Research Centre

Conference Halls: Main Hall, Halls (E, G)

Registration: At the registration desk from 9:00 AM till 10:00 AM on Tuesday

Language: Scientific activities will be in English & Arabic

Slides & Data Show: Please submit your slides to the slide delivery Hall at least one hour before the presentation time.

Posters: The posters should be placed in the Hall in which session will be hold

Badges:

Red	:	Chairpersons
Green	:	Organizing Committee
Yellow	:	Speakers
Blue	:	Attendants

CONFERENCE PROGRAM

Tuesday, November 7th 2006

09:00 – 10:00 Registration, 1st floor

Opening Ceremony

The Main Hall

Welcome Addresses

- **Prof. Dr. Karam Mahdy**
Conference Co-Chairman, Secretary General of the Society
- **Prof. Dr. Ahmed Mohamed Ali**
President of the Islamic Development Bank
- **Prof. Dr. Mubarak Mohamed**
Minster of Higher Education & Research (Sudan), Secretary General of Arab Union of Scientific Research Council
- **H.E. Mr. Amr Moussa**
Secretary General of the League of Arab States
- **Prof. Dr. Hany El Nazer**
*Conference Chairman
President of the National Research Centre, and the Arab Society for Medical Research*

10:00- 11:00

November 7th Vodafone Forward 11:00 – 11:20

The Main Hall

Dr. Hamdy El-Laithy

Senior Implementation Manger

November 7th Plenary Lectures 11:20 – 12:30

The Main Hall

11:20 – 11:40 **د.د. حسين خالد**

عميد المعهد القومي للاورام – جامعة القاهرة

"نحو استراتيجية قومية لمكافحة السرطان في مصر"

11:40 – 12:00 **د. نصر السيد**

وزارة الصحة – مصر

"استئصال مرض شلل الأطفال من مصر"

12:00 – 12:20

د. جون جبور

المكتب الاقليمي لمنظمة الصحة العالمية لشرق المتوسط
"دور المكتب الاقليمي لمنظمة الصحة العالمية لشرق المتوسط
في الاستعداد والاستجابة لجائحة الانفلونزا البشرية"

12.20 – 12.30 Discussion

12:00 – 12:30 Coffee Break

November 7th

Genetics

01:00 – 03:00

The Main Hall

Chairs: Prof.

Najib Al-Khaja
Yehia Gad
Ashraf El Haroni
Adel Ashour

01:00 – 01:15

Prof. Dr. Najib Al-Khaja
President of The Centre for Arab Genomic
Studies- Emirates.
"The Centre for Arab Genomic Studies:
Germinating seed of Arab genomics"

01:15 – 01:30

Mona S. Aglan
Adams-Oliver Syndrome: Further Evidence
An Autosomal Recessive Variant

01:30 – 01:45

Inas Mazen
The Child Of Uncertain Sex, Egyptian
Experience At The NRC In 208 Cases

01:45 – 02:00

Yehia Z. Gad
Molecular Basis Of Disorders Of Sex
Development In Egypt

02:00 – 02:15

Hala El-Bassyouni
Clinical And Biochemical Aspects Of
Mitochondrial Disorders In Egyptian Patients

02:15 – 02:30

Ghada El-Kamah
Phenotypic Scoring In Thalassemia
Intermedia And The Impact Of Underlying
Molecular Defects

02:30 – 02: 45

Ahmed Abdel-Naem
Association between apolipoprotein E
polymorphism and non insulin dependent
diabetes mellitus with or without

02:45 – 03:00	complications Samira Ismail Cognitive and motor skills in Achondroplasia: Neuroimaging correlate
Discussion	
November 7th	Surgery 01:00 – 03:00
Hall G	
<u>Chairs:</u> Prof.	Abdel Fattah Ismail Alaa Eldin Sharaby Mahsoub Mourad Amin
01:00 – 01:15	Mahsoub Mourad Amin Deep vein insufficiency: Evaluation and conservative management
01:15 – 01:30	Alaa Eldin Sharaby Treatment of lymphoedema in outpatient clinic by chemical and mechanical segmental pressure
01:30 – 01:45	Tarek Hamada Retrievable IVC filter insertion for temporary protection in patients at high risk of pulmonary embolism
01:45 – 02:00	Ashraf Ewada Foam therapy of varicose vein
02:00 – 02:15	Mohammed Saad Saleh Retrograde venous perfusion in management of mixed connective tissue diseases
02:15 – 02:30	Kishta S.A. Elective repair of umbilical hernia in decompensated cirrhotic patients; Safety, efficacy and outcome of a new approach of umbilical herniorrhaphy
02:30 – 03:00	Discussion
November 7th	Infectious Diseases 01: 00 –03:00
Hall E	
<u>Chairs:</u> Prof.	Zenab El-Gothamy Soheer Salem Amina Abd-El Aal

Karim Al-Araji

01: 00– 01: 15	Zenab El-Gothamy Leprosy Hansen's disease (1873): A panorama of different symptomatology
01: 15 – 01:30	Karim Al-Araji Typhoid Intestinal perforation
01: 30 –01:45	Amina Mostafa Abd- El Aal Rapid and recent laboratory diagnosis of tuberculosis and its drug susceptibility
01: 45 –02:00	Manal El Said El Sayed Nosocomial infection in the hemodialysis setting: A review with recommendations for control
02: 00 –02:15	Hala Badawi Bladder carcinogenesis via microbial infection
02: 15 –02:30	Lamia Aouar Presumptive diagnosis of nocardiosis: Patients hospitalized in the infectious diseases unit of Constantine teaching hospital (Algeria)
02:30 – 03:00	Discussion
03:00 – 04:00	Lunch

Wednesday November 8th 2006

November 8th	Plenary Lectures	10:00 – 11: 30
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The Main Hall

10:00 – 10: 25	Anton Hermann University of Salzburg - Austria "Ion channels - physiology, toxicology and pathophysiology"
10:25 – 10: 50	Masanori Yoshioka Setsunan University, Japan What role does play 2'-deoxycytidine as a new cancer marker for diagnosis and prognosis in recovery?
10:50 – 11:15	Thomas Simmet University of Ulm, Germany "Triterpenoids isolated from Arabian frankincense induce cell cycle arrest and apoptosis in human prostate cancer cells"
11:15 – 11:45	Discussion
11:45 – 12: 30	Medhat ElMessiery An overview of the technical, environmental and health aspects of electromagnetic fields

November 8th	Complementary M.	11: 30 –12:30
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Hall G

<u>Chairs:</u> Prof.	Nagwa Hasan Moushira Abdel Salam Said Shalaby
11: 30 –11:40	Laila Ahmed Abou Ismail Acupuncture is a preventive healing system
11: 40 –11:50	Ghada Ali Helmy Moussa Nutrition for weakened immune system
11: 50 –12:00	Said Shalaby Control of infectious diseases using CAM modalities
12: 00 –12:10	Heba Shafei Frequently asked questions about

12: 10 –12:30	homeopathy Discussion	
November 8th	Reproductive M.	11: 30 –12:30
	Hall E	
<u>Chairs:</u> Prof.	Osama Azmy Samia Abdel Razak Alaa El Abrashy	
11: 30 –12:40	Khaled Zohni Cryopreservation of human oocytes and embryos is a point of interest to every ART lab	
11: 40 –12:50	Sameh Salama Ultrasonographic findings in abnormal uterine bleeding among intrauterine contraceptive device users	
11: 50 –12:00	Ehab Rakha Laboratory assessment of genital tuberculosis in infertility	
12: 00 –12:10	Osama Azmy Fetal growth velocity as a marker of caesarean section in low- risk pregnancy	
12:10 – 12:30	Discussion	
12:30 – 01:00	Coffee Break	
November 8th	Oncology	01: 00 –03:00
	The Main Hall	
<u>Chairs:</u> Prof.	Masanori Yoshioka Abdel Baset Al Aasar Amina Gamal El Din	
01: 00 – 01: 20	Abeer M. Ashmawey Role of telomerase, survivin, and caspases-3 during experimentally induced hepatocarcinogenesis	
01:20 – 01:40	Samia A. Shouman Protective effect of coenzyme Q10 against cisplatin-induced nephrotoxicity in rats	
01: 40 – 02:00	Hanaa Alam El Din Ames test for the detection of mutagens in	

02: 00 –02:20	the urine of Egyptian cancer patients Abdel-Rahman N. Zekri Gene expression profile of Egyptian hepatocellular carcinoma using cDNA microarray	
02: 20 –02:40	Abdel-Rahman N. Zekri The interplay between apoptotic, pre-apoptotic and anti-apoptotic genes in hepatocarcinogenesis	
02: 40 –03:00	Discussion	
November 8 th	Child Health	01: 00 –03:00
Hall G		
Chairs: Prof.	Nayera El Akaad Amina Hafez Soad Abdel Monem Azza Abdel Shaheed	
01: 00 –01:20	Abla Galal Adverse effects of vaccination	
01: 20 –01:40	Azza Abd El-Shaheed Abd Allah Combination vaccines for childhood immunization	
01: 40 –02:00	Enas Raafat Abd Al-Hameed Demonstrating the value: Human rotavirus vaccine	
02: 00 –02:20	Ahmed Foda Pediatric immunization for the future	
02: 20 –02:40	Fatma Shaaban Prevalence of long term immunity of hepatitis B vaccine among Egyptian children	
02:40 – 03:00	Discussion	
November 8 th	Parasitology	01:00- 03:00
Hall E		
Chairs: Prof.	Amr Murad Said Al Harthi Elmeya Safar Samia Abdel Aziz	
01:00 – 01:15	Abdulla Salim Bin Ghouth Clinical epidemiology and control of dengue	

	fever outbreak in Al-Hami subdistrict, Hadramout governorate in Yemen, March-May 2005
01:15 – 01:30	Abdulla Salim Bin Ghouth Impact of indoor residual spray with lambda-cyhalothrine on malaria infection in Hajjar valley, Yemen
01:30 – 01:45	Suleiman M. Alseghayer Progress achieved in the control of Malaria, <i>Schistosoma</i> and <i>Lieshmania</i> in Saudi Arabia
01:45 – 02:00	Samir Haggag Genetic influences on <i>Schistosoma</i> susceptibility /resistance within the Egyptian intermediate snail host species
02:00 – 02:15	Tarik Zaher Parasites and choledocholithiasis
02:15 – 02:30	Amal Saad Evaluation of the trend of cancer bladder as a complication of urinary <i>Schistosomiasis</i> among the different Egyptian governorates
POSTERS	Said Al-Harhi Preliminary investigation of parasitic helminths in Makkah Al-mukarramah vegetable markets
	Samir Haggag RAPD-PCR for molecular identification of the intermediate hosts of <i>Schistosoma Mansoni</i>
	Ragaa Issa <i>Schistosoma mansoni</i> : The prophylactic and curative effects of propolis in experimentally infected mice
	Hasan Zaki Ghanem Bait formulation for control of the intermediate host of <i>schistosomiasis</i>
02:30 – 03:00	Discussion
03:00 – 04:00	Lunch

Thursday November 9th 2006

November 9 th	Plenary Lectures	10:00 – 11:30
The Main Hall		

10:00 – 10:20	د. نصر السيد وزارة الصحة – مصر "مكافحة أنفلونزا الطيور في مصر"	
10:20 – 10:40	Fathia Mohammed El Refaei	Research Institute of Ophthalmology
		"Endemic eye diseases in developing countries : The coming epidemic"
10:40 – 11:00	Wafaa E. Abdel-Aal	NRC
		"Importance of establishing research ethics committees (RECs) in the Arab World"
11:00 – 11:30	Discussion	

November 9 th	Public Health	11:30 – 12:30
Hall E		

<u>Chairs:</u> Prof.	Ayda Abdel Mohsen Wafaa Ismael Fathia El Refai Gamal Abdel Naser	
11:30 – 11:45	Wafa Abdel-Fattah	Evaluation of aluminum calcium phosphate (AlCaP) bone substitute with and without sugar mediated chitosan membrane SMCsM)
11:45 – 12:00	Ammal M. Metwally	Factors affecting knee pain and mobility limitation in older women with osteoarthritis
12:00 – 12:15	Gamal Abdel Naser Yamamah	Obesity in primary school children living in Cairo and the correlation to serum leptin
12:15 – 12:30	Wael Abou-Zeid	Bone density and osteoporosis in Egyptians

POSTERS

Nihad Ibrahim

Communicable diseases prevention and control programs: Needs assessment for best practice

Nahed Hassan

Lens protein changes induced by acute exposure to moderate and strong magnetic fields

Discussion

November 9 th	Natural Products	11:30 – 12:30
Hall G		
<u>Chairs:</u> Prof	Shams El Din Imbabi Thomas Simmet Samir Binayache	
11:30 – 11:40	Samir Benayache Triterpenes and flavonoids from <i>Genista tricuspidata</i> L.	
11:40 – 11:50	Ahmed A. Hussein Discovery of skin lightening agents from traditional medicine	
11:50 – 12:00	Naglaa M. Nazif Phytochemical and antioxidant activity of <i>Spathodea campanulata</i> P. Beauvois growing in Egypt	
12:00– 12:10	Mona M. Abdel-Mohsen Antioxidative and hepatoprotective properties of extracts of certain plants of family <i>Lamiaceae</i> Against CCl ₄ induced cytotoxicity in primary-cultured hepatocytes	
12:10– 12:20	Fadila Benayache Sesquiterpene lactones and other constituents from <i>Matricaria chamomilla</i> and their effects on human HL-60 myeloid cells viability	
Posters	Fahem Abdel Raheem Anti-hepatotoxic effect of <i>Pterocephalus sanctus</i> growing in Egypt	
	Fatma Hashem	

Phytochemical and bioactivity investigations
of *Macfadyena unguis-cati*, L. *Bignoniaceae*
Discussion

12:30 – 1:00	Coffee Break
November 9th	Biochemistry
	01:00 – 03:00
	The Main Hall
<u>Chairs:</u> Prof.	Yahya Shaker
	A. Herman
	Fayig El-Migdadi
01:00 – 1:15	Y. M. Shaker Effect of portal sera of highly and poorly susceptible hosts and the Schistosomal antibody (ies) on cell proliferation of <i>S.Mansoni</i> Schistosomules
01:15 – 01:30	Fathia Mannaa Evaluation of the effect of Strophanthidin glycoside from <i>Corchorus olitorius</i> and <i>Corchorus capsularis</i> seeds against daunorubicin-induced congestive heart failure
01:30 – 01:45	Fayig El-Migdadi A comparative study of pyruvate kinase, glucose-6-phosphate dehydrogenase and lactate dehydrogenase activities in children living at above and below sea level environments (Irbid, Amman and Jordan Valley)
01:45 – 02:00	Mamdouh Ali Reversal of multidrug resistance in cancer
02:00 – 02:15	Henry M Zeidan Sickle Hemoglobin: Molecular, path-physiological, epidemiological and drug treatment approaches.
02:15 – 02:30	Hanaa H. Ahmed Clinical usefulness of biochemical markers of bone turnover in Egyptian children with chronic liver diseases
	Discussion

November 9 th	Pathology	01:00 – 03:0
Hall G		
<u>Chairs:</u> Prof.	Wafaa Abdel Aal Salah Deeb Talaat El Deeb Sobhi Kishta	
01:00 - 01:15	Salah Deeb Construction of an array device and its use to prepare high density tissue microarray for detection of multiple antibodies	
01:15 – 01:30	Olfat Hammam DNA ploidy and P53 overexpression in papilla of vater in cases with obstructive jaundice; A clinicopathological study	
01:30 – 01:45	Sobhi Kishta Apoptosis and DNA changes in hepatocytes after selective portal vein embolization; Controlled experimental study	
01:45 – 02:00	Abdel Razik Farrag Evaluation of the activity of Panax Ginseng C. A. Meyer in diabetic rats	
02:00 – 02:15	Ashraf M. Abdel Khalek Histopathological studies on acute and chronic stages of <i>Toxoplasma gondii</i> in murine model	
Discussion		

November 9 th	Hepatitis	01:00 – 03:00
Hall E		
<u>Chairs:</u> Prof.	Ahmed Medhat Nasr Mostafa El Awady Said Shalaby	
01: 00 – 01:20	Ahmed Medhat Nasr Nightmare of hepatitis C in Egypt: When is it going to end?	
01:20 – 01:40	Mostafa El Awady A potential prognostic test for prediction of	

01: 40 –02:00	HCV response to IFN therapy Alyaa Abd-Al Rahman Al-Gendy Relation between hepatitis C and osteoporosis	
02:00 – 02:20	Mahmoud Fawzy Epidemiologic study of skin manifestations among chronic HCV patients in Egypt	
02:20 – 02:40	Manal Mansour Prevalence of hepatitis G infection in hemodialysis patients	
POSTER	Amany Ibrahim Caspase 3 activity in monocytes and liver cell injury in hepatitis C patients	
Discussion		
November 9th	Closing Ceremony & Recommendations	03:00 – 04:00
The Main Hall		
<u>Chairs:</u> Prof	Hany El Nazer Karam Mahdy Azza Abdel shaheed Adel Ashour	
حفل التكريم		
04:00 – 05:00	Gala Dinner	Main Restaurant