The 10th Annual Congress of Medical Sciences

Under the theme of

"Medical Research towards Healthy Society"

January 14-16 -2013

Under the Patronage of

Prof. Nadia Zakhari
Minister of Scientific Research

Prof. Ashraf Shalaan
President of the National Research Centre

Conference Chairman

Prof. Azza Abdel Shaheed
Head of Medical Research Division

Conference Co-Chairman

Prof. Zakaria El Khayat
Prof. Osama Azmy

Secretary General

Prof. Hanaa Hamdy Ahmed
The 10th Annual Congress of Medical Sciences 2013

ORGANIZING COMMITTEE

SECRETARY GENERAL

Prof. Hanaa Hamdy Ahmed

CO-ORDINATORS

Prof. Abdel Razik Farrag
Prof. Gamal Abd Elmegeed

MEMBERS

Prof. Amina Hafez
Prof. Azaa Mohamed
Prof. Dalia El-Lebedy
Prof. Hala Raslaan
Prof. Hisham Waheed
Prof. Mona Anwar
Prof. Nayera El-Morsie
Welcome to ACMS 2013

Dear ACMS 2013 delegate,

On behalf of the organizing committee, I am glad to welcome all participants to the 10th Annual Conference of Medical Science, organized by the Medical Research Division of National Research Centre. Despite of the current situation in our country more than 150 abstracts of very high quality were submitted, this has made a very difficult selection of papers for oral sessions and the chairpersons involved in the final selection has been forced to keep a tight acceptance rate for reasons of time. The organizers have invited field experts to discuss the emerging methodologies and applications in the area of medical research. In addition, the conference will feature workshops, poster sessions and breakout symposia. In few words, the conference will globally give a wide overview of the most recent advances in medical research. A total of 6 postgraduate student prizes will be awarded at the end of the conference, to the best presentations where the presenter is a registered student.

Let me conclude by thanking all the authors, the chairs of the Scientific Committee, the members of the Organizing Committee, all those who have contributed to build the conference program, and all companies or organizations that have supported our work in many ways and have contributed to the success of ACMS 2013.

Sincerely Yours,

Azza Abd El Shaheed
Chair of ACMS 2013
The 10th Annual Congress of Medical Sciences 2013

MAIN TOPICS

1. Medical Biochemistry
2. Toxicology
3. Pediatrics
4. Internal Medicine
5. Clinical Pathology
6. Surgery
7. Regenerative Medicine
8. Child Health
9. Pharmacology
10. Woman Health
11. Nutrition
12. Molecular Genetics
13. Natural Products
14. Physical Therapy
15. Workshops and Symposia
   A. Autism breakthroughs
   B. Emerging diagnostic and therapeutic modalities for hepatocellular carcinoma
   C. Basic pulmonary functions in pediatrics
   D. Scientific approach to understand stem cells (Application and Treatment)
   E. Uses of anthropometric tools in assessment of different diseases
   F. Research methodology – types of study design
   G. Updates in cancer management with focus on molecular techniques
   H. Understanding and managing feeding difficulties in young children
The 10th Annual Congress of Medical Sciences 2013

SCIENTIFIC COMMITTEE

Arranged Alphabetically

1. Prof. Abdel-Razik Farrag
2. Prof. Abla Galal
3. Prof. Aida El.Azony
4. Prof. Amal Moukhtar
5. Prof. Amina Hafez
6. Prof. Amina Gamal El-din
7. Prof. Azza Ashmaoy
8. Prof. Azza Mohamed Ahmed
9. Prof. Etadal Mahmoud Ghonem
10. Prof. Ehab Ragaa
11. Prof. Esmat Abd El-Gaffar
12. Prof. Gamal Abd El-Naser
13. Prof. Hala Raslaan
14. Prof. Hana H. Ahmed
15. Prof. Hanan Farok
16. Prof. Hany El-Nazer
17. Prof. Karima Abbas
18. Prof. Mahsoub Murad
19. Prof. Mohamed Mokhles
20. Prof. Mona Abd El-Kader
21. Prof. Moshira Abd El Salam
22. Prof. Nayera El.morsie
23. Prof. Neamta Yasin
24. Prof. Rafat Awadalla
25. Prof. Sahar El Okby
26. Prof. Sawsan Salah Eldin
27. Prof. Seham Negm
28. Prof. Wafaa Abd El-Aal
29. Prof. Wafaa Kandeel
30. Prof. Yahia Shaker
31. Prof. Zeinab Monir
LIST OF SPEAKERS

Arranged Alphabetically

1. Abdel-Tawab H. Mossa
2. Abeer A. A. Salama
3. Adel Hashish
4. Ahmed S. Ismail
5. Aida Abdel Mohsen
6. Ali A. Al-Mehdar
7. Amani A. Elbaz
8. Amany A. Abdin
9. Amany A. Abou- El Alla
10. Amany Twfeek
11. Amina Gamal El Din
12. Amir Salem
13. Amira S. Farhan
14. Ammal Mokhtar
15. Asharaf Shalaan
16. Asmaa F. Galal
17. Aya K. Ibrahim
18. Ayat N. Kamal
19. Aziza B. Shalby
20. Azza Abdel Shaheed
21. Azza Gabr
22. Basant Hamdy
23. Basma Mostafa
24. Basma S. Khereba
25. Bassant M. Ibrahim
26. Dalia A Abd-El Haleem
27. Dalia Abou Elfadl
28. Dalia Enaba
29. Dalia G. Aly
30. Dalia M El-Tanbouly
31. Dalia Medhat
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32. Dalia O. Saleh
33. Dina F.S. Mansour
34. Dina Shabaka
35. Doaa Hammad
36. E. Blaurock-Busch
37. Ebtissam M. Salah
38. Ehab Ragaa
39. Elfaham A
40. Elham Mostafa
41. Eman A. Alam
42. Eman A. Elghoroury
43. Eman M. Aly
44. Eman M. Fouda
45. Eman N Hosny
46. Enayat A. Omara
47. Eslam Halawa
48. Faten H. Abdelazeim
49. Fathia A. Mannaa
50. Gamila S.M. El-Saeed
51. Gehad Abou Gharam
52. Ghada M. El-Qattan
53. Gihan Farag Asaad
54. Hadeer A. Aglan
55. Hala S. Megahed
56. Hanaa Emmam
57. Hanan G. El-Baz
58. Heba K. Nabh
59. Heba M. Ibrahim
60. Hebatallah S. Abd El Hady
61. Howida Gomaa
62. Ibrahim A. Ibrahim
63. Inas E.M. Ahmed Kamel
64. Ingy Ashmawy
65. Khaled A. Alhumaidha
66. Khaled G. Abdel-Wahhab
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<td>Maha A. Abou Hadid</td>
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<td>Mostafa E. El-Naggar</td>
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<td>Mostafa Yakoot</td>
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102. Naiveen A. Helmy
103. Nayera El-Morsi Hassan
104. Neiveen N. Fadl
105. Nesma M.E. Abo El- Nasr
106. Neveen A. Salem
107. Noha A. Ahmad
108. Noha E Ibrahim
109. Noha Samy
110. Omar H. Dwidar
111. Rabeay Y.A. Hassan
112. Rania A. A. Salama
113. Rania F. Abd-ElRehim
114. Refaat Kamel
115. Rehab M. Abdel Hamid
116. Rehab R. Hegazy
117. Rokia El Banna
118. Safaa H. Mohamed
119. Safaa T. Zaki
120. Sahar H Ahmed
121. Salah Mostafa
122. Sally A. El Awdan
123. Salma A. El-Marasy
124. Salma S. Hilal
125. Salwa M. El Shebini
126. Salwa Tawfik
127. Samar E. Salem
128. Samia A. Temtamy
129. Sanaa K. Mohamed
130. Saneya Wahba
131. Shereen E. M. Abdel Aal
132. Shereen F. Beharrey
133. Sherien M. El-Daly
134. Sherif A. Omar
135. Shorouk A. W. El-Shennawy
136. Soheir E. Kotob
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137. Thanaa Helal
138. Wael M. Kamel
139. Wafaa Ezzat
140. Walaa Ahmed Fouad
141. Walaa S Mahmoud
142. Yasmine Abdel-Latif
143. Yasser A. Khadrawy
144. Yasser Elhosary
145. Yusr M.I Kazem
146. Zahra Abo Afya
147. Zeinab M. Moneer
The 10th Annual Congress of Medical Sciences 2013

Date:

Venue:
National Research Centre

Conference Halls:
Main Hall, New Hall, Hall V, Hall D, Hall G

Registration:
At the registration disk from 9:00 am on Monday, 14 Jan. 2013

Language:
Scientific activities will be in English

Slides & Data Show
Please submit your slides at least one hour before the presentation time

Posters:
The posters of postgraduate should be placed in Hall R

Badges:
Black : Chairpersons
White : Organizing Committee
Red : Speakers
Green : Attendants
Blue : Invited
The 10th Annual Congress of Medical Sciences 2013

January 14th 09:00-11:00

Main Hall

09:00 – 10:00 Registration
10:00 – 11:00 Opening Ceremony

Welcome Addresses

- **Prof. Hanaa Hamdy**
  Secretary General

- **Prof. Osama Azmy**
  Conference Co-Chairman

- **Prof. Zakaria El Khayat**
  Conference Co-Chairman

- **Prof. Azza Abdel Shaheed**
  Conference Chairman

- **Prof. Ashraf Shalaan**
  President- National Research Centre

- **Prof. Nadia Zakhary**
  Minister of Scientific Research
The 10th Annual Congress of Medical Sciences 2013

January 14th

11:00 - 01:00

Plenary I

The New Hall

Chairs:

Prof. Hany El Nazer
Prof. Seham Nigm
Prof. Wafaa Abdel Aal
Prof. Bakr El Zawahry

11:00 – 11:40 How to Write a Paper for Publication in International Journal
Azza Abd El-Shaheed

11:40 – 12:20 Guidelines for Preparation and Writing State of The Art & Review Article
Samia A. Temtamy

12:20 – 01:00 Effective Oral Presentation
Ashraf Shaalan

01:00 – 01:30 Coffee Break
The 10th Annual Congress of Medical Sciences 2013

January 14th 01:30 - 03:30

Medical Biochemistry

The Main Hall

Chairs: Prof. Emad F. Eskander
        Prof. Wafaa I. Rasheed
        Prof. Ehsan A. Badawi
        Prof. Amany El Wakaad

01:30 – 01:45 Therapeutic effectiveness of certain whey proteins on lipopolysaccharide-induced oxidative stress and histopathological changes in rat liver

Dina F.S. Mansour

01:45 – 02:00 Potential role of bone marrow stem cells in management of Alzheimer's Disease in female rats

Hadeer A. Aglan

02:00 – 02:15 Telomere length and drug resistance related proteins expressed in astrocytoma

Heba K. Nabih

02:15 – 02:30 The safety and efficacy of atorvastatin, red yeast rice alone and in combination with Coenzyme Q10 in treatment of hyperlipidemic male rats.

Marwan Abdelbaset Mohamed
02:30 – 02:45  Brain neurotransmitters in diabetic rats treated with coenzyme Q10

  *Yasmin Abdel-Latif*

02:45 – 03:00  Possible therapeutic effect of mesenchymal stem cells for induced liver cirrhosis in rats

  *Dalia Medhat*

03:00 – 03:15  Experimental study of the effects of *Boswellia Serrata* and Ginger (*Zingiber officinale*) on Alzheimer's disease induced in Rats

  *Bassant M. M. Ibrahim*

03:15 – 03:30  Photodynamic therapeutic activity of indocyanine green entrapped in polymeric nanoparticles

  *Sherien M. El-Daly*
The 10th Annual Congress of Medical Sciences 2013

January 14th  01:30 - 03:30

Toxicology

The New Hall

Chairs:
Prof. Omar Abdel Salam
Prof. Karima Abbas
Prof. Karam Mahdy
Prof. Somia Nada

01:30 – 01:45  Neurological and behavioral effects induced by chronic use of nandrolone in combination with alcohol in male albino rats

Maroa S. A. El-Shamarka

01:45 – 02:00  Possible effect of cannabis extract on basal and stimulated gastric acid secretion in rats

Rania A. A. Salama

02:00 – 02:15  Toxicological study of the effect of marijuana smoke on male reproductive hormones in adult rats

Noha A. Ahmad

02:15 – 02:30  Role of tryptophan, curcumin and cocoa in experimental model of depression in rats

Eman N Hosny

02:30 – 02:45  Behavioural and neurochemical consequences of nandrolone decanoate and amino acids abuse in rats

Asmaa F. Galal
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02:45 – 03:00  Effects of primrose oil and dexamethasone in experimental models of bronchial asthma  
Abeer A. A. Salama

03:00 – 03:15  Biochemical and molecular studies for gamma irradiated and non-irradiated rats after treatment with Egyptian willow extract, (Salix subserratra)  
Wael M. Kamel

03:15 – 03:30  Hepatotoxicity and oxidative stress of khat (Catha edulis) and possible protective effects of some antioxidants  
Ali A. Al-Mehdar
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**January 14th**

**01:30 - 03:30**

**Pediatrics (I)**

**Hall V**

**Chairs:**
- Prof. Lobna Sherif
- Prof. Ola Moustafa
- Prof. Emad Salama
- Prof. Saly A. Fareid

**01:30 – 01:45**

Subjective measures of hearing aid outcomes in experienced hearing aid children users in South Sinai

*Elham M El-Saiid*

**01:45 – 02:00**

Effect of combination chemotherapy on cellular immunity in newly diagnosed childhood patients with acute lymphoblastic leukemia (ALL)

*Mai S. Saleh*

**02:00 – 02:15**

Effect of laser acupuncture on children with bronchial asthma

*Mai E. El Sheoudy*

**02:15 – 02:30**

Assessment of nutritional status, serum iron and zinc levels in children with short stature

*May A. Sayed*

**02:30 – 02:45**

Growth pattern and body composition in pre-adolescents Egyptian children with Type 1 Diabetes Mellitus

*Aya K. Ibrahim*
<table>
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<th>Time</th>
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<th>Author</th>
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<tr>
<td>02:45 – 03:00</td>
<td>Water and sodium status in critically-ill children after acute central nervous system injury</td>
<td>Maha A. Abou Hadid</td>
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<td>03:00 – 03:15</td>
<td>Effect of obesity on serum level of C-terminal telopeptide of Type 1 Collagen in children as a marker of bone mineral density</td>
<td>Doaa Hammad</td>
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<td>03:15 – 03:30</td>
<td>Discussion</td>
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January 14th 03:30 - 05:30

Internal Medicine (I)

The Main Hall

Chairs: Prof. Moushira Abdel Salaam
        Prof. Nada Ezz El Din
        Prof. Heba Asal
        Prof. Ashraf El Sherbini

03:30 – 03:45 Liver diseases: response and treatment

Ahmed A. Abd-Rabou

03:45 – 04:00 Comparison of mitral valve area by pressure half time and proximal isovelocity surface area method in patients with mitral stenosis: effect of net atrioventricular compliance

Alaa M. S. Omar

04:00 – 04:15 Detection of K-ras gene mutation by polymerase chain reaction/restriction fragment length polymorphism in Egyptian patients with colorectal cancer

Dalia M. Abu El-Fadl

04:15 – 04:30 Study of anti-apolipoprotein A-I antibodies and paraoxonase 1 activity in systemic lupus erythematosus patients; correlation with disease activity and damage indices

Iman Fouda
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04:30 – 04:45  Impact of body mass index on presentation and outcome of acute ST-elevation myocardial infarction

  Samir M. Sorour

04:45 – 05:00  The effect of haemodiafiltration on serum level of beta 2-microglobulin and nerve conduction velocity in chronic haemodialysis patients

  Khaled Elmaghraby

05:00 – 05:15  Hepcidin and chronic hepatitis C virus: exploring the controversy

  Ahmed Ibrahim

05:15 – 05:30  The prognostic value of anti citrullinated protein antibody test in rheumatoid artheritis

  Shereif Ismail

05:30 – 06:00  Lunch
Clinical Pathology

The New Hall

Chairs: Prof. Shadia Ragab
       Prof. Hanaa Rasmy
       Prof. Hesham Gamal El Din
       Prof. Iman Elgharory

03:30 – 03:45 Interleukin-18 promoter gene polymorphisms in systemic lupus erythematosus
Ingy Ashmawy

03:45 – 04:00 The impact of iron regulating genes mutations on iron overload in β-thalassemia patients
Amira S. Farhan

04:00 – 04:15 Impact of single nucleotide polymorphism of Interleukin -10 on the outcome of hepatitis C virus infection
Naiveen A. Helmy

04:15 – 04:30 Expression of tyrosine kinase TIE-2 receptor in acute myeloid leukemia in relation to immunophenotyping
Zahra Abo Afya

04:30 – 04:45 Detection of methicillin resistance among staphylococcal species
Mai M. Salem
04:45 – 05:00  MDM2 immunohistochemical expression in serous and mucinous epithelial tumors of the ovary  
_Shereen E. M. Abdel Aal_

05:00 – 05:15  Studying the relation of interleukin 1(IL-1) gene polymorphism in response to interferon therapy in Egyptian HCV infected patients  
_Noha E Ibrahim_

05:15 – 05:30  Discussion

05:30 – 06:00  Lunch
The 10th Annual Congress of Medical Sciences 2013

January 14th 03:30 - 05:30

Pediatrics (II)

Hall V

Chairs: Prof.

Prof. Nagwa Abdel Magied
Prof. Soha Abdel Dayem
Prof. Hesham Waheed
Prof. Adel Nagieb

03:30 – 03:45

Estimation of CD4+, CD25+ T regulatory cells in children with Type 1 Diabetes

Manal A. S. Mohamed

03:45 – 04:00

Evaluation of needle acupuncture actions on clinical improvement pulmonary functions, interleukin-6 immunoglobulin –E and medications used of asthmatic children

Inas E.M. Ahmed Kamel

04:00 – 04:15

Bone mineral density In Egyptian children with familial Mediterranean fever

Walaa S Mahmoud

04:15 – 04:30

Toll like receptor 2 in patients with atopic dermatitis: clinical and immunological study

Rehab M. Abdel Hamid

04:30 – 04:45

Study of primary IGF-1 deficiency in Egyptian children with idiopathic short stature

Ayat N. Kamal
04:45 – 05:00  Impact of chronic adenotonsillar hypertrophy on physical growth, pulmonary pressure and upper airway resistance in children
Dina Shabaka

05:00 – 05:15  Vitamin D in Egyptian obese children and its relation to insulin resistance and sensitivity
Ahmed S. Ismail

05:15 – 05:30  Discussion

05:30 – 06:00  Lunch
The 10th Annual Congress of Medical Sciences 2013

January 14th 02:00 - 05:30

Posters

Hall R

Chairs: Prof. Aman M. Asaad
         Prof. Aza M. Omar
         Prof. Ihab Mosatafa
         Prof. Lyla M. Rashed
         Prof. Mohamed A. Omran
         Prof. Olfat G. Shaker
         Prof. Tarek Rashed
         Prof. Tarek Mostafa
         Prof. Wfaa El Iraky
         Prof. Yahya M. H. Shaker

1- Amelioration of neuroinflammation and apoptosis characterizing Alzheimer's disease by natural products
   Soheir E. Kotob

2- Cynara scolymus intervention for relieving on nonalcoholic steatohepatitis induced in rats
   Safaa H. Mohamed

3- Estrogens improve the vascular and metabolic alterations in fructose-induced insulin resistant ovariectomized rats
   Dalia O. Saleh

4- Effect of Nigella sativa on paraoxonase-1 activity in Type 2 Diabetes Mellitus

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Ghada M. El-Qattan

5- Effects of fish oil and dexamethasone in experimentally-induced bronchial asthma
Abeer A. A. Salama

6- Balance assessment in Down syndrome children with normal and with abnormal middle ear pressure
Hebatallah S. Abd El Hady

7- Biochemical consequences of chronic administration of nandrolone decanoate and amino acids: effect of swimming exercise
Asmaa F. Galal

8- Assessment of serum RANKL in children with nephrotic syndrome: its relation to glucocorticoids treatment
Mohamed M. EL-Sonbaty

9- Ovarian and uterine development in a sample of normal pubertal Egyptian girls
Manal M. Ali

10- Toxicological study of Zaleplon (Anxiolytic drug) in experimental animals
Mostafa E. El-Naggar

11- Role of Curcuma longa methanolic extract in management of colon cancer induced in rats
Maha S. Mohamed
12- Impact of Severity of Rheumatic Heart Disease Have an Impact on Physical Growth of Affected Children

Omar H. Dwidar

13- Generation of new Morpholine derivative from one of degradation products of expired tetracycline, 4-epitetracyline

Salma S. Hilal

14- Evaluation of intra-abdominal fat in obese adolescents using computerized tomography

Ibrahim A. Ibrahim

15- Dual action of laser biostimulation on CD34 + stem cells

Manal M. Mohammad

16- Pyrrolidine dithiocarbamate ameliorates lipopolysaccharide-induced liver injury in mice

Dalia M El-Tanbouly

17- Is serum fibronectin level an indirect marker of liver fibrosis in patients with chronic HCV?

Mahmoud A. Abd El-Tawab
18- Evaluation of serum IL-5 as predictor of response to therapy in partly controlled atopic asthmatic children

Shereen F. Beharrey

19- Role of ursodeoxycholic acid in prevention of Liver injury caused by ceftriaxone in Albino Rats

Khaled A. Alhumaidha

20- A pilot study investigating learning style preferences among researchers in the National Research Centre of Egypt

Mai S. Saleh

21- Urinary Leukotrienes changes in partly controlled asthmatic children receiving inhaled corticosteroids or leukotriene antagonist

Elham Mostafa

22- Chronological primacy of oxidative-induced neuronal damage in the pathogenesis of Alzheimer's disease

Aziza B. Shalby

23- Effect of Curcumin, fenugreek and their combination on osteoporosis induced in ovarietctomized female rats

Nesma M.E. Abo El- Nasr

05:30 – 06:00 Lunch
The 10th Annual Congress of Medical Sciences 2013

January 15th 10:30 - 12:30

Plenary (II)

The Main Hall

Chairs:  
Prof. Ali El Nofyli  
Prof. Nagwa Abdu Allah  
Prof. Osama El Shabrawy

10:30 – 11:00  Egypt IMCI strategy and its role in improvement of child malnutrition indicators  
Mona Aly Rakha

11:00 – 11:30  Environmental & elemental toxins in neurological disease  
Metal Exposure in Children with physical and neurological disorders  
E. Blaurock-Busch

11:30 – 12:00  Psychiatric symptoms reported by primary school children around Tahrir area subjected to the traumatic events of 25th January revolution  
Dalia Enaba

12:00- 12:30  Prescribing antipsychotics for behavioural problems in dementia patients, Milton Keynes, England, 2012  
Hasanen Al-Taiar

12:30- 01:00  Coffee Break
January 15th

Pediatrics (III)

The Main Hall

Chairs: Prof. Gamal A. Yamamah
Prof. Lobna Sherif
Prof. Ehab Ragaa
Prof. Mortada El Shabrawy

01:00 – 01:15 Role of vitamin E in prevention of NRF2-suppression by allergen in asthmatics
Essam Galal

01:15 – 01:30 Liver enzymes in children with β-thalassemia major: correlation with Iron overload and viral hepatitis
May M. Abdel Hamid

01:30 – 01:45 Langerhans cell histiocytosis (LCH) in Egyptian children: A single center experience
Mohamed Sedky

01:45 – 02:00 Th1/Th2 balance in partly controlled asthmatic children receiving inhaled corticosteroids or leukotriene antagonist
Gamal Yamamah

02:00 – 02:15 Association of serum 25-hydroxy vitamin D with dyslipidaemia in Egyptian school children
Meiness M. Abu shady

02:14 – 02:30 Discussion
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January 15th

Surgery

The New Hall

Chairs: Prof. Mahsoub Murad
        Prof. Ashraf Eweda
        Prof. Osama Azmy

01:00 – 01:15 Evaluation of foam sclerotherapy in the management of primary varicose veins
         Mohammed A. Alhewy

01:15 – 01:30 Medical Errors In The Emergency Room
         Elfaham A

01:30 – 01:45 Effect of applying PP/Ag nonwoven fabric dressing on incisional wound healing in rats
         Amina Gamal El Din

01:45 – 02:00 Trauma during 25th Jan. revolution and its sequelae
         Mahsoub Murad

02:00 – 02:15 Diabetic foot care
         Mohamed Hussien

02:15 – 02:30 Discussion
The 10th Annual Congress of Medical Sciences 2013

January 15th 01:00 - 02:30

Regenerative Medicine

Hall V

Chairs: Prof. Hanan El Baz
     Prof. Nagwa Hasan
     Prof. Moshira Erfan

01:00 – 01:20 Stem Cells: the break through of the 21st century
          Hanan G. El-Baz

01:20 – 01:40 Bone marrow derived mesenchymal stem cells transplantation as a potential therapy for experimental epilepsy
          Neveen A. Salem

01:40 – 02:00 Effect of intravenous injection of human umbilical cord blood hematopoietic stem cells in experimentally-induced acute liver failure in rats
          Amani A. Elbaz

02:00 – 02:20 Cell cycle regulation of hematopoietic progenitor in childhood acute lymphoblastic leukemia
          Sahar H Ahmed

02:20 – 02:30 Discussion
January 15th 02:30 - 04:00

Child Health

The Main Hall

Chairs: Prof. Ablaa Galal
       Prof. Amina Hafez
       Prof. Lamees El Raei
       Prof. Zinab Moneer

02:30 – 02:45 Dietary patterns and growth in Egyptian children with autism spectrum disorders
Safaa T. Zaki

02:45 – 03:00 Nutritional status, intelligence quotient and behavioural disorders of primary schoolchildren in South Sinai, Egypt
Samar E. Salem

03:00 – 03:15 Screening for depressive symptoms and their associated risk factors in adolescent students in South Sinai, Egypt
Hala S. Megahed

03:15– 03:30 Micro-nutrients supplementation improves growth in children below the age of 5 years
Azza Gabr

03:30– 03:45 Evaluation of oxidative stress in autism: defective antioxidant enzymes and increased lipid peroxidation
Adel Hashish

03:45 – 04:00 Discussion

04:00 – 04:30 Lunch
Pharmacology (I)

The New Hall

Chairs:
Prof. Nemaat Yaseen
Prof. Mahmoud Soliman
Prof. Seham El Shenawy
Prof. Sanaa Kenawy

02:30 – 02:45
Haemin enhances the *in vivo* efficacy of artemether against juvenile and adult *Schistosoma mansoni* in mice
Naglaa M. El-Lakkany

02:45 – 03:00
Antidiabetic efficacy of the Egyptian *Androctonus australis* scorpion venom using alloxan-induced diabetic mice model
Nagwa N. Azzam

03:00 – 03:15
Evidence for free radicals generation by the Egyptian *Androctonus australis* scorpion venom and the potency of the haemolymph to attenuate these metabolic disorders
Nagwa N. Azzam

03:15– 03:30
In vitro amoebicidal activity of ethanol extracts of *Arachis hypogaea L.*, *Curcuma longa L.* and *Pancratium maritimum L.* on *Acanthamoeba castellanii* cysts
Nagwa M. El-Sayed

03:30– 03:45
Poster
Adverse effects of exposure to analgesic/antipyretic drug "paracetamol" and an organophosphorus insecticides "diazinon" on the liver of male rats
Abdel-Tawab H. Mossa

03:45 – 04:00
Discussion
04:00 – 04:30  Lunch

January 15th  02:30 - 04:00

Woman Health
Hall V

Chairs:  Prof. Amina Gamal Eldin
         Prof. Amal Moukhtar
         Prof. Azz Sari Eldin

02:30 – 02:45  The relation between obesity, insulin resistance and cognitive functions, and the effect of balanced low-caloric diet on these variables in a group of Egyptian middle-age females

Yusri M.I Kazem

02:45 – 03:00  The clinical implication of anti-müllerian hormone level in IVF/ICSI outcomes for women with polycystic ovary syndrome

Mohamed D. Abd El-Maksoud

03:00 – 03:15  Metabolic syndrome: potential benefit from specific nutritional dietary therapy

Salwa M. El Shebini

03:15 – 03:30  Combined effect of systemic bisphosphonates, calcium and vitamin D on alveolar bone in osteoporotic postmenopausal females having chronic periodontitis following surgical periodontal therapy

Basma Mostafa

03:30 – 03:45  Combined exercise program reduces C-reactive protein in obese women

Basant Hamdy

03:45 – 04:00  Discussion
The 10th Annual Congress of Medical Sciences 2013

04:00 – 04:30  Lunch

January 16th  10:00 - 11:00

Plenary (III)

The Main Hall

Chairs:  
Prof. Shadia Ragab  
Prof. Esmat Abel Ghafar  
Prof. Mahmoud Fawzy  
Prof. Amr Sharaf

10:00 – 10:20  Guidelines in pediatric asthma

Eman M. Fouda

10:20 – 10:40  Treatment status of hepatitis C virus

Mohamed A. Mokhles

10:40 – 11:00  Bebelac
The 10th Annual Congress of Medical Sciences 2013

January 16th 11:00 - 12:30

Internal Medicine (II)

The Main Hall

Chairs:  
Prof. Hala Raslan  
Prof. Manal M. Abdel Monem  
Prof. Said Shalaby

11:00 – 11:15  
Tissue doppler assessment of left ventricular function in hypertensive patients with hypertensive retinopathy  
Sherif A. Omar

11:15 – 11:30  
A study of the relationship between the blood levels of the 8-oxoguanine DNA glycosylase, smoking and risk of lung cancer  
Nada Ezzeldin

11:30 – 11:45  
Serum levels of Interleukin-8, tumor necrosis factor-α and γ–interferon in Egyptian psoriatic patients and correlation with disease severity  
Dalia G. Aly

11:45 – 12:00  
Tryptase monitoring as a marker of minimal residual disease in acute myeloid leukemia  
Amany A. Abou- El Alla

12:00 – 12:15  
Assessment of serotonin level in fibromyalgia rheumatica among Egyptian patients  
Basma S. Khereba
The 10th Annual Congress of Medical Sciences 2013

12:15 – 12:30 Translational research, from the basic science to applied therapeutics. HCV-cell entry blocking as a future target in the management of chronic hepatitis C virus infection

Mostafa Yakoot

12:30 – 01:00 Coffee Break
The 10th Annual Congress of Medical Sciences 2013

January 16th 11:00 - 12:30

Nutrition

Hall D

Chairs:
Prof. Nayera Elmoursi
Prof. Sahar Abd Elraof
Prof. Maged El Khayat

11:00 – 11:15 Identification of risk Factors for obesity in children aged 9-11 years
Sanaa K. Mohamed

11:15 – 11:30 Fatty acid composition of mature breast milk in Egyptian women in three different geographical areas: relationship with food consumption
Mona Sallam

11:30 – 11:45 The impact of school snacks on cognitive function of primary school children in Egypt
Ebtissam M. Salah

11:45 – 12:00 The impact of school feeding programs on psychosocial behavior in governmental primary school children in Egypt
Zeinab M. Moneer

12:00 – 12:15 Knowledge and practices of Egyptian primary school children: impact of nutrition, education and physical activity program
Saneya Wahba

12:15 – 12:30 Discussion

12:30 – 01:00 Coffee Break

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### Pharmacology (II)

**Hall V**

**Chairs:**
- Prof. Sawsan Salah
- Prof. Rafaat Awad Allah
- Prof. Nabila Elbarody

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 – 11:20</td>
<td>Role of antioxidants on acute hepatic encephalopathy in rats</td>
<td>Sally A. El Awdan</td>
</tr>
<tr>
<td>11:20 – 11:40</td>
<td>Effect of <em>Nigella sativa</em> and wheat germ oils on scopolamine-induced memory impairment in rats</td>
<td>Salma A. El-Marasy</td>
</tr>
<tr>
<td>11:40 – 12:00</td>
<td>Role of renin angiotensin system and its inhibition by perindopril and irbesartan in non-alcoholic steato-hepatitis induced experimentally in rats</td>
<td>Amany A. Abdin</td>
</tr>
<tr>
<td>12:00 – 12:20</td>
<td>Proteolytic enzymes and Alzheimer`s disease</td>
<td>Neiveen N. Fadl</td>
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<tr>
<td>12:20 – 12:30</td>
<td>Discussion</td>
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<tr>
<td>12:30 – 01:00</td>
<td>Coffee Break</td>
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</tr>
</tbody>
</table>
Molecular Genetics

The Main Hall

Chairs: Prof. Mona Abdel Kader
        Prof. Mervat Saad Elansary
        Prof. Nagwa Abdel Ghafar

01:00 – 01:15 Genetic variants in the methylene-tetrahydrofolate reductase gene in Egyptian children with conotruncal heart defects and their mothers
        Nagwa A Meguid

01:15 – 01:30 Study of the role of HLA and KIR genotypes on the outcome of HCV infection in a sample of Egyptian HCV infected persons
        Howida Gomaa

01:30 – 01:45 Histidine kinase Sln1 interferes with mitochondrial functions of Candida albicans
        Rabeay Y.A. Hassan

01:45 – 02:00 Genetic polymorphism of ACE and the angiotensin II type1 receptor genes in children with chronic kidney disease
        Eman A. Elghoroury

02:00 – 02:15 MTHFR C677T and A1298C gene polymorphisms, hyperhomocysteinemia and intimal medial thickness as risk factors of end stage renal disease in children on hemodialysis
        Dalia A Abd-El Haleem
The 10th Annual Congress of Medical Sciences 2013

02:15 – 02:30  Effects of ultraviolet radiation on oxidant/antioxidant balance and DNA damage in the lens

Eman M. Aly

02:30 – 03:00  Discussion
Natural Products

The New Hall

Chairs:  
Prof. Margret Simller  
Prof. Saadia Ibraheem  
Prof. Nabila Salah

01:00 – 01:15  
*In vitro* production of secondary metabolites from medicinal plants  
(Review article)  
Eman A. Alam

01:15 – 01:30  
Neuroprotective effect of fish oil on brain tissue in experimental diabetic rats  
Gamila S.M.El-Saeed

01:30 – 01:45  
Aged garlic extract enhances paraoxonase 1 activity and suppress oxidative stress in CCl4-intoxicated rats  
Fathia A. Mannaa

01:45 – 02:00  
The neuroprotective effect of curcumin and *Nigella sativa* oil against oxidative stress in the pilocarpine model of epilepsy: A comparison with valproate  
Yasser A. Khadrawy

02:00 – 02:15  
*Panax ginseng* extract protects rat erythrocyte from the oxidative damage induced by the synergistic effects of aflatoxin B1 and fumonisin  
Khaled G. Abdel-Wahhab
The 10th Annual Congress of Medical Sciences 2013

02:15 – 02:30 Poster Protective effect of grape seed extract on hepatotoxicity induced by lead acetate in male albino rats
Enayat A. Omara

02:30 – 03:00 Discussion
The 10th Annual Congress of Medical Sciences 2013

**January 16th**

**Physical Therapy**

**Hall V**

**Chairs:**

*Prof. Faten Abdel Azeiem*
*Prof. Hanaa Emaam*
*Prof. Saneya Wahba*

01:00 – 01:25  **A phenomenological model of muscle fatigue and the mental performance relationship in burned children**

*Manal Salah el-dien*

01:25 – 01:50  **Multidimensional impact of physical-induced fatigue on human performance**

*Shorouk A. W. El-Shennawy*

01:50 – 02:15  **Efficacy of non-invasive laser therapy on immune system of community-acquired pneumonia in pre-school age children**

*Faten H. Abdelazeim*

02:15 – 02:40  **Clinical practice, decision making models, and medical research; the possible interactions, the limitation and potentials**

*Salah Mostafa*

02:40 – 03:00  **Discussion**
The 10th Annual Congress of Medical Sciences 2013

January 16th 03:30 - 05:00

Closing Ceremony & Recommendations

03:30 – 04:30 The New Hall

Chairs:

- **Prof. Hanaa Hamdy**
  Secretary General

- **Prof. Osama Azmy**
  Conference Co-Chairman

- **Prof. Zakaria El Khayat**
  Conference Co-Chairman

- **Prof. Azza Abdel Shaheed**
  Conference Chairman

- **Prof. Asharaf Shalaan**
  President- National Research Centre

04:30-05:00 Delivering the young researchers awards to the winners

05:00 -06:00 Lunch

06:00- 08:30 Arabic Music (The Main Hall)
The 10th Annual Congress of Medical Sciences 2013

Workshops and Symposia

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The 10th Annual Congress of Medical Sciences 2013

**January 14th**

**Autism Breakthroughs**

**Hall R**

**Coordinator:** *Prof. Nagwa Abdel Meguid Mohamed*

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:00</td>
<td><strong>Overview of Autism</strong></td>
</tr>
<tr>
<td>11:00-11.20</td>
<td><em>Nagwa Abdel Meguid Mohamed</em></td>
</tr>
<tr>
<td>11:20-11:40</td>
<td><strong>Autism challenges (Co-morbid disorders)</strong></td>
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<tr>
<td>11:20-11:40</td>
<td><em>Ehab Ragaa</em></td>
</tr>
<tr>
<td>11:40-12.00</td>
<td><strong>Behavior therapy of autism spectrum disorders (ASD)</strong></td>
</tr>
<tr>
<td>11:40-12.00</td>
<td><em>Noha Samy</em></td>
</tr>
<tr>
<td>12:00-12:20</td>
<td><strong>EEG and autism</strong></td>
</tr>
<tr>
<td>12:00-12:20</td>
<td><em>Eslam Halawa</em></td>
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<tr>
<td>12:20-12:40</td>
<td><strong>Nutrition intervention: A novel hope for autism spectrum disorders</strong></td>
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<tr>
<td>12:20-12:40</td>
<td><em>Mona Anwar</em></td>
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<tr>
<td>12:40-01:00</td>
<td><strong>Discussion</strong></td>
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January 14th

Emerging diagnostic and therapeutic modalities for hepatocellular carcinoma
The New Hall

Coordinator: Prof. Wafaa Ezzat

10:30:10.45 Hepatocellular Carcinoma And Possible Related Risk Factors
Yasser Elhosary

10:45-11:00 EASL Guide Lines for Hepatocellular Carcinoma
Mohamed Mokhles

11:00-11.30 Surgical Management of Hepatocellular Carcinoma (HCC)
Refaat Kamel

11:30-12:00 Updates in Treatment of Hepatocellular Carcinoma
Mohamed Omar

12:30-01:00 Epigenetics and Hepatocellular Carcinoma
Salwa Tawfik

01:00-01:30 Coffee Break

Hall G

01:30-02:00 Serum Biomarkers of Hepatocellular Carcinoma
Wafaa Ezzat

02:00-2:30 hTERT gene amplification in malignant and premalignant hepatic lesions:
Diagnostic and prognostic impact
Maha Mohamed Eid

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The 10th Annual Congress of Medical Sciences 2013

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<tr>
<th>January 15th</th>
<th>10:30 - 12:30</th>
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<tbody>
<tr>
<td><strong>Basic pulmonary functions in pediatrics</strong></td>
<td><strong>Hall V</strong></td>
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</tbody>
</table>
| Coordinators: | Prof. Enas Rafaat  
Prof. Hala Gouda |
| 10.30- 11:00 | **Session I**  
Indications of pulmonary functions |
| 11:00 – 12:00 | **Session II (hands on)**  
Spirometry |
| 12:00 – 12:30 | Break |
| 11:40 – 12:00 | **Session III**  
Interactive session  
(how to use inhalers & the common pitfalls in asthma therapy) |
Scientific approach to understand stem cells
(Application and treatment)

Hall R

Coordinator: Dr. Gihan Farag Asaad

09:30: 09.45 Opening of symposium and announcement of speakers
Gihan Farag Asaad

09:45-10:00 Use of stem cells for liver diseases
Rehab F. Abdel-Rahman

10:00-10.30 Techniques of stem cell application
Sally A. El Awdan

10:30-11:00 Stem cells therapy in lung biology and lung diseases
Rehab R. Hegazy

11:00-11:20 Stem cell therapy for kidney diseases
Gehad AbouGharam

11:20-11:40 Stem cells and cancer
Heba M. Ibrahim & Rania F. Abd-ElRehim

11:40-12:00 Encouraging role of stem cells in curing trials of Type I diabetes mellitus
Basant M. Ibrahim

12:00 – 12:30 Discussion
12:30 – 01:00 Coffee Break
Uses of anthropometric tools in assessment of different diseases

Hall R

Coordinators:

Prof. Nayera Hassan
Assist. Prof. Rokia El Banna

01.00-01:20 Anthropometric measurement and body composition

Nayera Hassan
Sahar ElMasry
Mahmad El Tohamy

01:20 – 01:40 Osteoporosis and using DEXA

Rokia El Banna

01:40 – 02:00 Radiological assessment of visceral obesity

Mohamed Shaker
Safinaz Youseff
January 15\textsuperscript{th} 02:00 - 03:00
Understanding and managing feeding difficulties in young children
Hall R
Coordinators: Dr. Iman Hussein Kamel
<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09:30 - 10:00</td>
<td>Opening session</td>
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<tr>
<td>10:00 - 11:00</td>
<td>Molecular classification of breast cancer</td>
<td>Nadia Mokhtar</td>
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<tr>
<td>11:00 - 12:00</td>
<td>Epithelial mesenchymal transition and its impact on cancer management</td>
<td>Thanaa Helal</td>
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<tr>
<td>12:00 - 12:30</td>
<td>Molecular techniques: conventional PCR</td>
<td>Dalia Abou Elfadl</td>
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<td>12:30 - 01:00</td>
<td>Coffee break</td>
<td></td>
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<tr>
<td>01:00 - 02:00</td>
<td>Molecular techniques: real time PCR</td>
<td>Amir Salem</td>
</tr>
<tr>
<td>02:00- 02:30</td>
<td>Closing session</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Speaker(s)</td>
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<tr>
<td>10:30-12:30</td>
<td>Introduction to epidemiology &amp; research methodology</td>
<td>Ammal Mokhtar</td>
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<tr>
<td>12:30-1:00</td>
<td>Coffee Break</td>
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<tr>
<td>1:00-2:30</td>
<td>Research design</td>
<td>Amany Twfeek</td>
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<tr>
<td>2:30-4:00</td>
<td>Descriptive studies</td>
<td>Lobna El Etreby</td>
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<tr>
<td>4:00-5:00</td>
<td>Lunch</td>
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<tr>
<td>1:30-2:30</td>
<td>Conducting surveys and surveillance</td>
<td>Aida Abdel Mohsen</td>
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<tr>
<td>2:30-3:30</td>
<td>Analytical studies (Case control study vs. cohort study)</td>
<td>Walaa Ahmed Fouad</td>
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<tr>
<td>3:30-4:30</td>
<td>Intervention studies (Randomized clinical trials)</td>
<td>Hanaa Emmam</td>
</tr>
</tbody>
</table>
Research methodology – types of study design

Hall R

Coordinator: Prof. Ammal Mokhtar

10:00-12:00 Conducting surveys and surveillance
Aida Abdel Mohsen

12:00-12:30 Break and Pray time

12:30-02:30 Analytical studies (Case control study vs. cohort study)
Walaa Ahmed Fouad

02:30-03:00 Break

03:00-05:00 Intervention studies (Randomized clinical trials)
Hanaa Emmam