



The Second Scientific Cultural Week of the Biochemistry Department

Faculty of Science, Ain Shams University

2 - 3 May, 2018, Ain Shams University Guest House
Better, Bigger and Smarter



In the Memory of Prof. Dr.
Ibrahim R. Shimi



EGYPT
Innovates

The Second Annual Innovation Conference of
Ain Shams University in Science and Technology



The Second Annual Conference of
BioScience Students



BIOCHEMISTRY
DEPARTMENT



biochemistry_office@sci.asu.edu.eg

The Second Annual Scientific Cultural Week of the Biochemistry Department

Under the Auspices of

Prof. Dr. Abdel-Wahab Ezzat

President, Ain Shams University

Prof. Dr. Ahmed Ismail

Dean, Faculty of Science

Prof. Dr. Ibrahim H. Kamal

Head of Biochemistry Department

General Coordinator

Prof. Dr. Ahmed Osman

Heads of the Organizing Committee
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Prof. Dr. Eman Abdel-Azeem

Dr. Dina Seoudi

Dr. Abdel-Rahman B. Abdel-Ghaffar



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**BioScien for Diagnostics
and Instruments.
We Respect your
Professional Standards.**

ISO 13485 : 2016
Certificate No. EG50329H



ISO 9001 : 2015
Certificate No. : 171QAY32





Advanced Medical Group **المؤسسة الطبية المتقدمة**

Advanced Medical Group (AMG) has been established since 2006 by biomedical engineer Ashraf M. Gomaa, after more than 22 years as a Head of Management for the biggest multinational companies that specialize in diagnostic laboratories' instruments and kits.

AMG is the exclusive agency for the no. 1 company in the world that specializes in instruments and kits of Therapeutic Drug Monitoring (TDM) and Drug Abuse (DA).

AMG is only looking for niche diagnostics products with an extremely high commitment to deliver the best quality in the world to our diagnostics laboratories in Egypt.

AMG main address is Block No. 1563, St. 17, Al Mokattam, Cairo, Egypt. Tel: 01223130842



HeaL Pharma is the 1st pharmaceutical company in Egypt established and dedicated to urogenital health, through manufacturing, importing, marketing and distributing; pharmaceuticals, Neutritheuticals, Food supplements, therapeutic medical devices and urogenital diagnostic devices.

*Together For Better
Mohamed Khalifa PhD
HeaL Pharma*

Our vision is to make people enjoy a healthy life. This is through our mission focusing on innovative knowledge dissemination products quality, and products & communications accessibility in a cost effective manner. We always seek, attract and retain high talent graduates who can synergize between there own goals and HeaL Pharma objectives. We are very delighted to participate in the annual event of the biochemistry department Ain Shams university as one of the distinguished educational & scientific departments in Egypt.

Best Regards
Mohamed Khalifa
PhD Biochemistry
Owner & Chairman



SPECTRUM

The Creative Approach To Bioscience

Egyptian company for Biotechnology with the brand name “Spectrum-Diagnostics” is specialized in developing and manufacturing top quality IVD Reagents and portable analyzers. Our strategy is to provide quality products and services that exceeds the expectations of our esteemed customers all over the world. We believe in treating our customers with respect and faith. We grow through creativity, invention and innovation.

Khaled Raafat Alyan, Ph.D.

Chairman and CEO

Having an inspiring dream is one of the secrets of successful life. One of my dreams is to help my colleagues and students to start having a dream. I worked on this for long time and I'm still working! I'm sure this could take years to achieve, but no matter how long it takes, I'll never stop dreaming and working on this



objective. Sometimes I got disappointed and down to the extent of stop that dream or give its time to another dream of my life. But when I see the differences I have made on some people, I start again. When I meet somebody recognized my dream and tell me few words inspired by even one word or single act of mine I feel so happy and enthusiastic again. To be courage you have to have a dream, NO dream, NO courage, NO action, NO life. You have to be sure that all dreams can come true if you have courage. Just start to dream and dream and you'll get rewards. If you don't have a dream then you don't have success.

Your dream is your choice, your life and your success. Don't wait start now to dream, to believe, to have faith, you'll gain power, success and you'll do it. Just give it a try.

Ibrahim H. Kamal

Head of the Biochemistry Department

Day 1 - May 2, 2018

Registration and Opening Ceremony – Main Hall	
09:00 am – 09:30 am	Registration
09:30 am – 10:00 am	Opening Ceremony
Plenary Session-1 – Main Hall	
Prof. Dr. Ahmed Salem - Prof. Dr. Shadia Fathy	
10:00 am – 10:30 am	Research Skills. Ahmed Osman. Department of Biochemistry, Faculty of Science, Ain Shams University.
10:30 am – 11:00 am	Getting Things Done. Ameera Al-Shinnawy. Biochemistry Department, Faculty of Science, Ain Shams University.
Session II – vBiochemistry – Main Hall	
Prof. Dr. Ibrahim H. Kamal – Eng. Essam El-Saadee	
11:00 am – 11:20 am	Virtual Reality in Biochemistry Education. Abdel-Rahman Abdel-Ghaffar. Biochemistry Department, Faculty of Science, Ain Shams University.
11:20 am – 11:40 am	Comutek Projects in Virtual Education. Essam El-Saadee, Comutek.
11:40 am – 12:00 pm	Adapting the Modern Programming to Serve Biochemistry by Implementing a Mobile Application. Samar Abader and Sara Kamal. Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
12:00 pm – 12:30 pm	Coffee Break
Session III – Story of Success-1 – Main Hall	
Prof. Dr. Ibrahim H. Kamal	
12:30 pm – 01:30 pm	Keys to Success. Essam Shaker, Ex-Coca Cola International Manager.

Session IV – Biochemistry Students’ Innovations-1 – Main Hall	
Prof. Dr. Gilane Sabry – Prof. Dr. Gamila Shanab	
01:30 pm – 01:45 pm	Enhanced Conductivity and Ion Exchange Capacity of Chitosan Membranes through Modification with Lithium. Sara Sayed Fawzy, Senior Student, Biochemistry Department, Faculty of Science, Ain Shams University.
01:45 pm – 02:00 pm	Salivaomics. Mai AboElmati and Esraa Ashraf, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
02:00 pm – 02:15 pm	Using Nigella Sativa (Black Seed) as a Natural Agent to Treat Induced Wound in Rat Skin. Ali M. Ahmed and Aya E. Shahin, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
02:15 pm – 02:30 pm	Production of Bio-food Preservatives Materials. Shullammith Magdy and Eriny Sami, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
02:30 pm – 02:45 pm	The Potential Effect of Electromagnetic Field on the Rat. Sara Mahmoud and Sara Mostafa, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
02:45 pm – 03:00 pm	Break
Session V – Biochemistry Students’ Innovations-2 – Main Hall	
Prof. Dr. Magdy Mahmoud – Prof. Dr. Hala Ghanem	
03:00 pm – 03:15 pm	Modification of Chemical Cellulose for an Application in the water treatment. Rania Yahia Saad and Hamees Bahaa Al-Din Mohamed, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
03:15 pm – 03:30 pm	The Effect of Pineapple Extract on Nicotine Toxicity. Nourhan Ahmed and Amany Abdel Nasser, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.

03:30 pm – 03:45 pm	<p>Anti-Tumor Effect of Curcumin and Combinations of Curcumin with Piperine and Cisplatin as a Chemopreventive Agent.</p> <p>Reham Sayed and Shimaa Maher, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.</p>
03:45 pm – 04:00 pm	<p>In vitro Assessment of Antimicrobial and Antioxidant Activities of Phenolic Extracts Obtained from Phoenix dactylifera (Egyptian Tamr).</p> <p>Ahmed Mohamed Abd-ElKawi and Ahmed Saied Salem, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.</p>
04:00 pm – 05:00 pm	Lunch
All Day	Student Poster Session – Hall B

Day 2 - May 3, 2018

Session VI – Plenary Session-2 – Main Hall	
Prof. Dr. Magdy Mahmoud - Prof. Dr. Nadia Sadek	
09:30 am – 10:00 am	How to Study Membrane Ion Channels - Techniques and Examples. Hans-Georg Breitingner. Department of Biochemistry, The German University in Cairo.
Session VII – Soft Skills – Main Hall	
Prof. Dr. Eman Abdel-Azeem	
10:00 am – 11:00 am	Change Management. Rania Salah. Faculty of Medicine, Ain Shams University.
Session VIII – Microbiology Students' Activity – Main Hall	
Prof. Dr. Mohamed Montaser - Prof. Dr. Ibrahim H. Kamal	
11:00 am – 11:15 am	How a Medical Miracle Turned Into Danger? Rawda Saleh Attia, Senior Student, Microbiology Department, Faculty of Science, Ain Shams University.
11:15 am – 11:30 am	L.A.B. "The Amazing Creation of God". Sara Tawadrous Attallah, Senior Student, Microbiology Department, Faculty of Science, Ain Shams University.
11:30 am – 11:45 am	Biopreservation "Years of Success in Food Safety" Shimaa Esmail Sayed Ali, Senior Student, Microbiology Department, Faculty of Science, Ain Shams University.
11:45 am – 12:00 pm	Oncogenic Viruses. Fatma Tarek, Senior Student, Microbiology Department, Faculty of Science, Ain Shams University.
12:00 pm – 12:15 pm	The Role of Virus in Alzheimer Disease. Alaa Yasser Mohammed, Senior Student, Microbiology Department, Faculty of Science, Ain Shams University.
12:15 pm – 12:30 pm	The Art of Microbiology. Second Year Students of Microbiology Departments, Faculty of Science, Ain Shams University.
12:30 pm – 01:00 pm	Coffee Break

Session IX – Story of Success -2 – Main Hall	
Prof. Dr. Amani Farouk – Prof. Dr. Kholoud Salah	
01:00 pm – 01:20 pm	A New Perspective of Education. Hossam Serag, Co-Founder, Science Craft and Graduate Student, Physics Department, Faculty of Science, Ain Shams University.
01:20 pm – 01:40 pm	Low Cost Education Might Give you a Hook for Fishing. Nour El-Din Khalel, Quality Assurance (Deviations SME) at Pfizer Pharmaceutical Company and Graduate Student, Biochemistry Department, Faculty of Science, Ain Shams University.
01:40 pm – 02:00 pm	Building your Career Pathway is More Easier than Getting your Job after Graduation. Youssef Nasser Mohamed, Owner and Sales Manager, Propharm and Undergraduate Student, Biochemistry Department, Faculty of Science, Ain Shams University.
Session X –Students Scientific Activity – Main Hall	
Prof. Dr. Gilane Sabry – Prof. Dr. Wael M. El-Sayed	
02:00 pm – 02:15 pm	Chitosan in Cosmetics. Sara Sayed Fawzy, Senior Student, Biochemistry Department, Faculty of Science, Ain Shams University.
02:15 pm – 02:30 pm	Polymersomes and Some Diseases. Nariman Ibrahim Abd-Elalem, Senior Student, Biochemistry Department, Faculty of Science, Ain Shams University.
02:30 pm – 02:45 pm	'Mono' Virus Linked to Seven Serious Diseases. Nada Essam El-Den Fahmy and Mai Saeed Helmy, Senior Students, Biochemistry Department, Faculty of Science, Ain Shams University.
02:45 pm – 03:00 pm	Non-Alcoholic Fatty Liver Disease: Pathophysiology and Complications. Noor Bilal. Senior Student, Zoology Department, Faculty of Science, Ain Shams University.

03:00 pm – 03:15 pm	Effect of Subacute Treatment with 3-Mono-Chloro-Propane-1,2-Diol on the Kidney of Male Albino Rats: A Histological and Histochemical Study. Salma Tarek Salem. Senior Student, Zoology Department, Faculty of Science, Ain Shams University.
03:15 pm – 03:30 pm	Enhancement of Prosthetic Limb using EEG Signal. Tarek Khaled Mahmoud. Senior Student. Biophysics Division, Physics Department, Faculty of Science, Ain Shams University.
03:30 pm – 04:00 pm	Closing Ceremony
All Day	Student Poster Session – Hall B

Day 3 - May 15, 2018
“Nanotechnology: Applications and implications”

Biochemistry Department Seminar Room	
09:30 am – 10:00 am	Registration
10:00 am – 12:00 pm	Workshop Activities. Basma El-Seoudi, PhD. Biochemistry Department, Faculty of Science, Ain Shams University.

Day 4 - June 26, 2018
“Endnote, A Citation Writing Software Workshop”

Biochemistry Department Seminar Room	
10:30 am – 11:00 am	Registration
11:00 am – 01:00 pm	Workshop Activities. Abdel-Rahman B. Abdel-Ghaffar, PhD. Biochemistry Department, Faculty of Science, Ain Shams University.

Note: Some social activities will be organized at the end of the event and will be announced during the conference.



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President of Ain Shams University

Prof. Dr. Ibrahim H. Kamal

Conference President

Head of Biochemistry Department, Faculty of Science

Prof. Dr. Ahmed Osman

Conference Coordinator

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