

CURRICULUM VITAE

Prof. Dr. Ebtesam Mohamed Saleh Eolayan Professor of Parasitology, Zoology Department College of Science, King Saud University

Name	Ebtesam Mohamed Saleh Eolayan
Place of Birth	Saudi Arabia
Nationality	Saudian
Gender	Female
Address	University City for Female Students (King Saud University), P.O. Box 18197, Riyadh 11415, KSA
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Occupation	<ol style="list-style-type: none"> 1- Professor of Parasitology in Zoology Department, College of Science, King Saud University, Riyadh, KSA 2- Supervisor of Chair Vaccines Research of Infectious Diseases, College of Science, King Saud University, Riyadh, KSA 3- Part-time advisor to the Ministry of Education, , Riyadh, KSA 4- Vice Dean of Zoology Department, College of Science, Faculty of Science, King Saud University, Riyadh, KSA 				
Academic qualifications	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">B.Sc. Clinical Laboratory of Sciences- College of Applied Medical Sciences- King Saud University</td> <td style="width: 20%; text-align: right;">1993</td> </tr> <tr> <td>Ph.D. Biology from the University of Kiel</td> <td style="text-align: right;">2002</td> </tr> </table>	B.Sc. Clinical Laboratory of Sciences- College of Applied Medical Sciences- King Saud University	1993	Ph.D. Biology from the University of Kiel	2002
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Supervision of Scientific Theses	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Supervised and participated in the supervision of more than 20 of the Master's and doctoral degrees.</td> <td style="width: 20%; text-align: right;">2006 till now</td> </tr> </table>	Supervised and participated in the supervision of more than 20 of the Master's and doctoral degrees.	2006 till now		
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Scholarships	<ol style="list-style-type: none"> 1- Obtaining support from King Abdulaziz City for Science and Technology (early and accurate diagnosis of toxoplasma infection in sheep in the Kingdom of Saudi Arabia) date 1430 No. AT-28-72. 2- Obtaining support from King Saud University Research Center (the immune stimulator, thymoquinone, and hope to employ the immune system of the Aedes Caspias mosquito against pathogens) 1429 No. 11-p. 3- 29 SABIC Grant to change the gene expression of human macrophage cells as a result of infection with Leishmania major. 4- Obtaining support from King Abdulaziz City for Science and Technology (a serological study to detect toxoplasmosis among poultry slaughtered in the Riyadh region). 5- Obtaining support from the King Abdulaziz City for Science and Technology (CAPE's effect on the large leishmaniasis parasites in the laboratory and in experimental animals and studying the side aspects if found on these animals). 				
Scientific awards	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;"> <ol style="list-style-type: none"> 1- Silver medal in the Malaysia International Conference on Innovation and Invention under the slogan of transferring innovation to the market, which was held in the Malaysian capital, Kuala Lumpur, entitle Suqia. 2- Two medals (gold and bronze) at the Korea International Exhibition of Invented Women, this was held in the Korean capital, Seoul. The gold medal was for an invention under the title of cooling water in a pottery refrigerator by using solar energy "Suqia", while the bronze was for the invention of using nanotechnology to protect the skin from ultraviolet rays. 3- Participation in the 11th Malaysia International Exhibition for Innovation and Invention under the slogan: Transferring innovations to the market in the Malaysian capital, Kuala Lumpur. 4- Bronze medal at the Geneva International Exhibition of Inventors, held in its fortieth session. 5- Award for the best scientific poster presented at the 32nd International Conference on Internal Medicine, which was held in Seoul, South Korea. </td> <td style="width: 20%; text-align: right; vertical-align: top;"> 2011 May 4-7, 2011 Feb. 16-18, 2012 April 18, 2012 Oct. 24-28, 2014 </td> </tr> </table>	<ol style="list-style-type: none"> 1- Silver medal in the Malaysia International Conference on Innovation and Invention under the slogan of transferring innovation to the market, which was held in the Malaysian capital, Kuala Lumpur, entitle Suqia. 2- Two medals (gold and bronze) at the Korea International Exhibition of Invented Women, this was held in the Korean capital, Seoul. The gold medal was for an invention under the title of cooling water in a pottery refrigerator by using solar energy "Suqia", while the bronze was for the invention of using nanotechnology to protect the skin from ultraviolet rays. 3- Participation in the 11th Malaysia International Exhibition for Innovation and Invention under the slogan: Transferring innovations to the market in the Malaysian capital, Kuala Lumpur. 4- Bronze medal at the Geneva International Exhibition of Inventors, held in its fortieth session. 5- Award for the best scientific poster presented at the 32nd International Conference on Internal Medicine, which was held in Seoul, South Korea. 	2011 May 4-7, 2011 Feb. 16-18, 2012 April 18, 2012 Oct. 24-28, 2014		
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Scientific discoveries (Patents)	<table border="0" style="width: 100%;"> <tr> <td style="width: 80%;"> <ol style="list-style-type: none"> 1- Granting of a patent by the European Office. Extract and isolate compounds of drechslera rostrate and Eurotium tonophilum used as the main anti-Leishmania agents. It has been awarded Final Deposit Number on EP2735339B1. 2- A US Office of Patent granted for "Room temperature nano-based coating and adhesive coating". It has been granted the final filing number in the United States' Registered Patent Number 9475985 B2. 3- A patent has been granted by the United States Office "Collecting mineral mines using an extract from TERFEZIACEAE" and the final number for the filing has been granted in the patent number registered in US 9637807B1. 4- A patent granted by the United States Office for "Method for Preparing Date Palm Seed Particles". The final number of filing has been given in the Registered Patent No. US 9623067B1. </td> <td style="width: 20%; text-align: right; vertical-align: top;"> 10/22/2014 10/25/2016 2/5/2017 18/4/2017 </td> </tr> </table>	<ol style="list-style-type: none"> 1- Granting of a patent by the European Office. Extract and isolate compounds of drechslera rostrate and Eurotium tonophilum used as the main anti-Leishmania agents. It has been awarded Final Deposit Number on EP2735339B1. 2- A US Office of Patent granted for "Room temperature nano-based coating and adhesive coating". It has been granted the final filing number in the United States' Registered Patent Number 9475985 B2. 3- A patent has been granted by the United States Office "Collecting mineral mines using an extract from TERFEZIACEAE" and the final number for the filing has been granted in the patent number registered in US 9637807B1. 4- A patent granted by the United States Office for "Method for Preparing Date Palm Seed Particles". The final number of filing has been given in the Registered Patent No. US 9623067B1. 	10/22/2014 10/25/2016 2/5/2017 18/4/2017		
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Achievements and initiatives	<ol style="list-style-type: none"> 1- The first female scholarship student in the Kingdom to be published in the Journal of Life (Science) during the period of the PhD. 2- Establishing the Development Programs Unit from 1431 to 1435 H at King Saud University 3- Establishing the Quality Initiatives Unit from 1435 H to now at King Saud University 4- Campaign (Develop your creativity, so our development programs are in your hands) from 3/20/1433 for a week 5- Idea, preparation and organization of the Future Scientists Exhibition 6/25/1432 H at King Saud University 6- Organizing an exhibition entitled (Life is an Idea) aimed at enriching the knowledge economy 12/27/1433 and presenting a Ford Car 				

	<p>Award for the best innovation idea.</p> <p>7- Head of the team for preparing the qualitative survey of the King Abdulaziz Center for World Culture of Aramco at Riyadh region.</p> <p>8- Idea, preparation, organization and self-financing competition (ambition belongs to the future of a nation) at the level of the Kingdom's governmental and private universities</p> <p>9- Knowledge Industry Workshop: Reality and Ambition (Business Women Meeting) 2015.</p> <p>10- Memorandum of cooperation between King Saud University and the Saudi Wildlife Authority</p> <p>11- Cooperation agreement between King Saud University and King Salman Social Center</p> <p>12- Memorandum of understanding between King Saud University and Tata Consulting Services Ltd.</p> <p>13- The initiative "Developing Human Resources in Technology and Modern Science" aims to develop the research capabilities of students in schools and universities through training in modern technologies</p> <p>14- The initiative of "Research Volunteer Ambassadors" aims to participate in research volunteer projects for all segments of society</p>	
Professional Membership	<p><u>Member of the department's specialized committees as well as some of the university level committees:</u></p> <p>1- Member of the King Abdullah Institute for Nanotechnology, King Saud University.</p> <p>2- Supervisor of Prince Sultan's project to attract distinguished researchers, King Saud University 1227 H for female departments now.</p> <p>3- Supervisor of the project to attract distinguished professors, King Saud University, 1227 H, for female departments now.</p> <p>4- Member of the Technical Selection Committee in the Department 27/26 H, 2009</p> <p>5- Decision of the committee for appointing teaching assistants divided into animal science 2006 - now</p> <p>6- Rapporteur of the Postgraduate Studies Committee, Department of Zoology, 2006-2009</p> <p>7- Vice-Chairman of the Exhibitions Committee in the Wildlife Week of the National Authority for the Protection of Wildlife and its Development 2007-now</p> <p>8- Member of the Women's Committee as well as a member of the Scientific Committee of the Third Saudi Conference for Science (New Horizons in Science and its Applications) College of Science - King Saud University March 10-13, 2007</p> <p>9- Member of the Scientific Committee of the World Conference on the Arabian Oryx in the Arabian Peninsula at the King Fahd Cultural Center - Riyadh April 21-23, 2007</p> <p>10- Member of the Committee of Computers, College of Science, King Saud University, 2005-2006</p> <p>11- Member of the Committee of Visiting Professor, College of Science / King Saud University, 2005-2006</p> <p>12- Rapporteur of the Public Relations Committee for the five celebrations of King Saud University of the College of Science and Medical Studies in Malaz 2006</p> <p>13- Member of a committee to supervise the transfer of deanships and support units to the university campus 18/1/1433 H</p> <p>14- Chair of the exhibition committee accompanying the first conference on entrepreneurship / King Saud University, Alysheh 6-7 / 11/1430 H</p> <p>15- Rapporteur of the forty-seventh King Saud University Graduation Ceremony Committee 1431-1432 H</p> <p>16- Rapporteur of the committee organizing the closing ceremony of the third Saudi conference for science at the King Fahd Cultural Center in honor of His Highness Princess Hassa Al-Shaalan, wife of the Custodian of the Two Holy Mosques</p> <p>17- Member of the committee of the ideal employee for the University Agency for Postgraduate Studies and Scientific Research.</p> <p>18- Deputy Head of the standard preparation team (10) of the self-study report of the institutional academic accreditation renewal project.</p> <p>19- Vice-President of the Coordinating Council for Women's Departments at the University's Agency for Postgraduate Studies and Scientific Research.</p> <p>20- Member of the Graduate Unit Committee, College of Science.</p> <p><u>Membership of local and international associations:</u></p> <p>1- A member of (ICCIDD) International Council for Control of Iodin Deficiency Disorders (2007).</p> <p>2- Member of al Experiment for British Society for Parasitology Biology, 1999.</p> <p>3- Member of the Saudi Society for Life Sciences, 2007 AD.</p> <p>4- Certified trainee for spreading the culture of dialogue, King Abdullah Center for National Dialogue 2009 now.</p> <p>5- Member of the Scientific Committee for the Custodian of the Two Holy Mosques Prize for International Translation 2011.</p> <p>6- A court in the competition (creativity) King Abdul Aziz Foundation for the Gifted from 1333 H to now.</p>	
Official visits	<p>1- Paying visits to the United Arab Emirates and France with some members of the nanotechnology team and gaining knowledge and benefiting from their experiences and cooperation with some scientists.</p> <p>2- Within the official delegation accompanying His Excellency the Minister of Higher Education Dr. Khaled Al-Anqari and some university directors in the Kingdom of Saudi Arabia to the Federal Republic of Germany and visiting the United Kingdom to increase cooperation in the fields Scientific and educational.</p> <p>3- Within the official delegation accompanying His Excellency the Minister of Higher Education Dr. Khaled Al-Anqari and some university directors in the Kingdom of Saudi Arabia, France, to increase cooperation in the scientific and educational fields.</p> <p>4- Within the official delegation accompanying His Excellency the Minister of Higher Education Dr. Khaled Al-Anqari and some university directors in the Kingdom of Saudi Arabia Cuba and Argentina to increase cooperation in the scientific and educational fields.</p>	<p>2007</p> <p>5-8 / 1/ 1429 H 12-15 / 1/1429 H</p> <p>16-20 / 3 / 1429 H</p> <p>24/2 to 2/3/1431 H</p>
Seminars and workshops	<p>1- Workshop on research centers of excellence at King Saud University entitled "Research Excellence Centers at King Saud University (concept and application)."</p> <p>2- Panel discussion on "Vital Banks Ethical Aspects", which will be held in King Abdulaziz City for Science and Technology.</p> <p>3- Scientific meeting "Rift Valley Fever: Monitoring, Diagnosis and Control".</p> <p>4- First workshop "Nanoscale Research in Universities: The Road Towards the Vision of the Custodian of the Two Holy Mosques".</p> <p>5- Organizing a public lecture "Your Future and the Genetic Revolution ... Are you ready for a better future".</p> <p>6- Founding workshop of the Center of Excellence for the Development of Science and Mathematics: "Global Vision and Partnership" at King Saud University.</p> <p>7- The introductory seminar on technology incubators "under the patronage of Her Royal Highness Princess Reem bint Sultan bin Abdul Aziz", the research center in the departments of science and medical studies.</p> <p>8- The first introductory seminar at the Center of Excellence for Research on Biodiversity.</p> <p>9- Discussion session of the strategic plan project for King Saud University "Analysis workshop for faculty members".</p> <p>10- Discussion session on stem cells at the Female Student Center in Malaz.</p> <p>11- Seminar on biological applications of nanoscale research.</p> <p>12- Meetings for discussing the proposal to approve the plan for the master's program for biotechnology, which was</p>	<p>13-14 / 5 / 1429 H May 18-19, 2008</p> <p>13/2/1429 H Feb. 20, 2008</p> <p>8/5/1429 H May 13, 2008</p> <p>16-17 / 10 / 1428H Oct. 28-29, 2007</p> <p>11/2/1428 H Dec 11, 2007</p> <p>29-30 / 12 / 1428H Jan 8-9, 2008</p> <p>2/25/26/1429 H, April 3, 2008</p> <p>2/8/1429 H</p> <p>3/8/1429 H</p> <p>1429 H</p> <p>1429 H</p> <p>28/1429 H</p>

	proposed by the Animal Department Council to be one of the important specializations in the University's Center of Excellence.	
	13- The documented research and academic agreement between the King Abdullah Institute for Nanotechnology and the University of Leeds.	01/14/1430 H
	14- The first international conference on biotechnology towards building a knowledge economy	21-23 / 02/1430 H
	15- The Saudi-French symposium for dialogue of civilizations.	10/3/1430 H
	16- The 2009 workshop of Riyadh Technology Incubators.	18-19 / 03/1430 H
	17- The International Conference on Nanotechnology Industries (pioneering technology in the twenty-first century).	9-11 / 04/1430 H
	18- The First National Conference on Intellectual Security.	23-25 / 05/1430 H
	19- The first entrepreneurship conference.	6-7 / 11/1430 H
	20- The Chair for Research on Women's Health.	6/1/1431 H
	21- The World Intellectual Property Day at the university.	5/12/1431 H
	22- The corner of the Riyadh Technology Valley in the Modern Woman Exhibition.	2-4 / 6/1431 H
	23- Coordination of the visit of the Syrian delegation under the title (Scientific Days for Syrian Universities in Saudi Universities).	2/6/1431 H
	24- The supervisor of male and female students at King Saud University and responsible for the women's part and organization of the Saudi Aramco Summer Festival in Riyadh.	7-30 / 25-8 / 1431 H
	25- A workshop for measuring gene expression using the polymerase reaction.	19/10/1431 H
	26- Workshop of the quadratic analysis of the strategic plan of the Vice Deanship for Postgraduate Studies and Scientific Research.	10/25/1431 H
	27- National Day celebration.	10/27/1431 H
	28- An introductory workshop for the development programs of the University Agency for Postgraduate Studies and Scientific Research.	9/11/1431 H
	29- Workshop on "Cellular Immunology".	11/11/1431 H
	30- Population genetics and genomics in humans.	11/17/1431 H
	31- Lectures by Professor Emmaniol Drimelsakus, Genome Research Chair.	15-18 / 11 / 1431H
	32- Nanotechnology and its applications.	11/18/1431 H
	33- The first workshop for the Chair for Genomic Research, the Genetic Mapping Project for the Saudis.	29-30 / 12/1431 H
	34- The Fourth International Conference on Water and Dry Environmental Resources.	30-2 / 1/1432 H
	35- - Workshop on Intellectual Property and Technology Licensing Program on enhancing the chances of success to obtain a patent.	7/1/1432 H
	36- Holding an open meeting with the teaching assistants and lecturers, "Deepening the awareness of university teaching assistants and lecturers of the scholarship procedures".	1/27/1432 H
	37- The visit of a delegation of American university students to King Saud University.	1/27/1432 H
	38- - Electrochemical cells pictures lecture and the captive nanocrystalline scientist lecture from energy conversion to storage.	28/1/1432 H
	39- Annual Meeting for Research Excellence.	1/28/1432 H
	40- Medium-scale pigment solar cells and research progress at the University of Singapore by Dr. King Wing	29/1/1432 H
	41- The scientific meeting of the scientific societies belonging to King Saud University and the accompanying exhibition	6-7 / 2/1432 H
	42- Lectures by Professor Judith Foot, "The Genomic Research Chair.	11-14 / 2/2/1432 H
	43- The first Global Forum on Entrepreneurship and the Knowledge Economy	12-14 / 2/1432 H
	44- Mesoscopic connections (infinitesimally small) for light energy production and conversion	13/3/1432 H
	45- Partial engineering of triple emitters of organic light with diodes	16/3/1432 H
	46- Workshop on "The Art of Good Research and How to Achieve It"	3/26/1432 H
	47- Visiting the ambassadors' wives to King Saud University	4/5/1432 H
	48- Opening the offices of the University Agency for Postgraduate Studies and Scientific Research for the development programs	4/8/1432 H
	49- The National Line for Science, Technology and Innovation	4/15/1432 H
	50- Writing scientific papers and publishing them in scientific journals	4/16/1432 H
	51- The exhibition accompanying the workshop "The National Plan for Science, Technology and Innovation"	4/19/1432 H
	52- The open meeting with the supervisors of a visiting professor	5/16/1432 H
	53- Workshop on "Standards of Research Excellence in International Universities"	5/21/1432 H
	54- Research Chair for Advanced Cellular Molecular Protein	27-28 / 5/1432 H
	55- Introducing the King Abdulaziz City for Science and Technology and its services in the field of research support	6/15/1432 H
	56- The scientific meeting of His Excellency the President of the University, Prof. Dr. Abdullah bin Abdulrahman Al-Othman, with promising researchers from the faculty members	6/20/1432 H
	57- How to produce medical and industrial gelatin from halal sources, such as livestock and camel skins	6/27/1432 H
	58- Participation in the scientific symposium of the College of Science Research Center entitled (Research chairs between reality and expectations and their role in achieving the 2030 vision) held at Princess Noura Bint Abdul Rahman University.	25-7-1439 H 04/11/2018
	59- An educational forum for scabies (Be aware), which was held at the College of Science, Grade 3 in the University City, in the University City for Girls.	04/23/2018
	60- Exhibition (A Society Free from Infectious Diseases - Vision 2030), held in the Medical City Hall, King Khalid University Hospital.	7-8 / 2/1440 H Oct. 16-17, 2018
	61- Participation in the exhibition of the fourth meeting of drug safety, held in Al-Khuzami Hall.	3/21/1440 H, Nov. 11, 2018
	62- A training course entitled (Application of Nanotechnology in the Treatment of Infectious Diseases) for faculty members held at the College of Science Laboratory 48.	5/14/1440 H Jan. 20, 2019
	63- A training course entitled (Application of Nanotechnology in the Treatment of Infectious Diseases) for graduate students held at the College of Science Lab 48.	5/21/1440 H Jan. 27, 2019
Scientific conferences	1- The eleventh Malaria Meeting, Imperial College of Science, Technology and Medicine, Infection and Immunity. [In vitro development of oocysts of the rodent malaria, <i>Plasmodium berghei</i>]	Sep. 20-22, 1999
	2- International Congress of Biochemical and Molecular Biology, Parasitology Satellite Meeting; University of Manchester. [In vitro culture of the mosquito stages of plasmodium berghei: a tool for investigating interactions between parasite and vector.]	July 13-15, 2000
	3- British Society of Parasitology, Spring Meeting, Keele University. [Apoptosis in Ookinetes of Plasmodium berghei in vitro and in vivo]	April 17-21, 2001

4-	XI International Congress of Parasitology, SECC Glasgow Scotland. [Investigation into the role of nitric oxide as an external signal to initiate apoptosis]	August 6-11, 2006
5-	The 4th conference on Scientific Research Outlook & Technology Development in the Arab World, Umayyad Palace, Damascus Syrian Arab Republic	Dec. 11-14, 2006
6-	International Conference on Women Leaders in Science, Technology and Engineering. Arab Organization Headquarters, Kuwait: Stimulating the Role of Arab Women Specialized in S&t for the Development and Progress of the Arab Countries	Jan. 8-10, 2007
7-	3 rd Saudi Science Conference (New Horizons in Science and their Application), Collage of Science-King Saud University, Riyadh.	March 10-13, 2007
8-	[Sero-epidemiological Studies of Toxoplasmosis in Chicken Slaughtered in Riyadh Region]	
9-	3rd Saudi Science Conference (New Horizons in Science and their Application), Collage of Science-King Saud University, Riyadh. [The Role of Nitric Oxide as a Signal that Induces Apoptosis in Plasmodium bergheii]	March 10-13, 2007
10-	Diplomatic Arab Women'n Forum in Radisson SAS Vienna.	March 19-21, 2007
11-	International Conference on the Arabian Oryx in the Arabian Peninsula, King Fahad Culture Center – Riyadh.	April 21-23, 2007
12-	Knowledge Based Industries & Nanotechnology Conference, RITZ CARLTON HOTEL - DOHA – QATAR, Accommodate Hotel Names with GOIC Cooperate rate/KBI conference.	Feb.11-12, 2008
13-	5th Congress of Scientific Research Outlook in the Arab World, Fez – Morocco. [The Effect Of Caffeic Acid Phenethyl Ester (CAPE) On Infection With Leishmania major in Vitro and in BALB/c mice].	Oct. 26-30, 2008
14-	Nano Structured Advanced Materials workshop In Jordan.	Nov. 9-14, 2008
15-	A training course about manufacturing and studying the characteristics of Nano's particles.	June 3-4, 2008
16-	A symposium on Technology Transfer and Innovation Management.	Nov. 23-24, 2008
17-	A Work shop "The Chinese experience in Nano Industry".	May 25-26, 2008
18-	Open day to distinguish the scientific research projects on Nanotechnology, head by Professor Munir Nayfeh.	Dec. 23, 2008
19-	Joint research and academic seminar bet. King Abullah Institute For Nanotechnology and University of Leeds	Jan. 11, 2009
20-	Riyadh Techology Incubation Work Shop, 2009.	March 15-16, 2009
21-	Dr. Joseph Antony Lecture:" computational particulate mechanics and nano engineering".	March 23, 2009
22-	International Conference for Nanotechnology Industries: The Leading Technology of twenty first century.	April 5-7, 2009
23-	Conference Closing Ceremony sponsored by Princess Hessa Al Shalaan.	April 6, 2009
24-	The Meeting of Technology Infrastructure group Dr.Qureshi.	April 27, 2009
25-	Educational Day of bussines Incubation and supporting center in Princess Norah Bint Abdulrahman University.	May 19, 2009
26-	Visit of Prof. Chunying Chen and Lecture:"Potential of application of Nanotechnology in Food Industry and Biomedicine".	May 24, 2009
27-	Dr. Brian Suliman Lecture:"The Benefits of Nano Technology Material".	April 15, 2009
28-	Nano Toxicology-Nano Material Environmental Health and safety (EHS):an over view of research activities.	May 26, 2009
29-	Special Meeting to Discuss the Development of the Chosen scientific research project on Nanotechnology Head by Professor Munir Nayfeh.	July 17, 2009
30-	2 nd Work shop on Distinguished Publications of Sceince and Nature by Dr.Lee E. Eiden and Dr.Nick Campbell.	May 30-31, 2009
31-	"DNA Research Work shop: Agate way to knowledge Economy". Head by Dr.Abdulaziz Al-Khodairy.	May 24, 2009
32-	"Nucleo-cytoplasmic traffic" Lecture Presented by Professor Gunter Blobel Nobel Laureates in Medicine.	April 21, 2009
33-	The Forum Franco-saudian dialogue civilizations.	March 7, 2009
34-	First International Conference in Biotechnology Center of Excellence in Biotechnology research in King Fahad Cultural Center in Riyadh.	Feb. 16-18, 2009
35-	Third Course on Pharmaceutical Manufacturing Science Advances in Sterile Products.	26-28, 2009
36-	Lecture of international speaker prof. Francois Heisbourg " America, Europe and the Crises of the Middle East".	Jan. 26, 2009
37-	Third Innovation Festival and Art Exhibition Sponsored by princess Haifa Bint Abdullah Bin Abdulaziz Al Saud.	May 13, 2009
38-	The XIIth International Congress of Parasitology (ICOPA).The immune enhancer, thymoquinone, and the hope of utilizing the immune system of Aedes caspius againstdisease agents,Melbourne, Australia.	2010
39-	Open Scientific Meeting for his highness rector of King Saud University with promising researchers.	May 23, 2011
40-	Scientific Meeting on "Cancer Basics and the new directions in Children Obesity"	Dec. 11, 2011
41-	Workshop in cooperation with Warwick University – UK " How to write professional scientific proposals?"	Nov. 27, 2011
42-	2 nd meeting with Dean of faculty members and staff affairs entitled " The Role of the Deanship in Decreasing Time, Flexibility and Quality of Scholarship Procedures"	April 4, 2011
43-	Workshop in cooperation with Warwick University-UK "The Art of Professional research and how to achieve it?"	March 1, 2011
44-	Open Meeting for lecturers with manager of HR Department to discuss activating lecturers scholarships	Jan. 2, 2011
45-	First International Forum for Entrepreneur and Knowledge based economy in Kind Saud University	Jan. 16-18, 2011
46-	Workshop of the National Plan for Science and Technology Program and the accompanying Exhibition	Jan. 23, 2011
47-	Campaign "Improve Your Talents , Our Developmental Programs Are at Your Service"	Feb. 13-22, 2012
48-	Global Consultative Meeting for Graduate Studies and Research	Nov. 28-30, 2012
49-	Panel discussion " Obstacles of Marketing outputs of scientific research	May 14, 2012
50-	British Society for Parasitology Spring Meeting. [Early and specific diagnosis of toxoplasmosis in sheep in SA]	April 3-5, 2012
51-	Organizing the visit of Professor John Mozes	April 5-12, 2012
52-	Organizing Lecture on Applying for FP7 Research Grants, the biggest European Research Funding Scheme	April 10, 2012
53-	World IP Day "invention: from the idea to the market"	April 23-25, 2012
54-	Ceremonial Honoring for the Excellence in Scientific Research under the patronage of his highness Prince Sattam bin Abdulaziz	June 5, 2012
55-	Organizing lectures on "What's New in Osteoporosis?"	Jan. 10, 2012
56-	Xth European Congress of Entomology, ECE 2014.	Aug. 3-8, 2014
57-	Cconference of knowledge industries and nanotechnology" in Doha.	Feb. 11-12, 2008
58-	Attending, organizing and supervising the Seventh Saudi Engineering Conference "Towards an Engineering Environment Competing for the Economies of Globalization".	22-25 / 11/1428 H
59-	Attending and organizing the Arab Oryx Conference in the Arabian Peninsula.	4-6 / 4/1428 AH
60-	Contribution to the organization of the College of Science Conference.	1427/1428 AH
61-	Attending and participating in a conference that surpassed scientific research and technological development in the Arab world under the slogan of scientific creativity and civilized development (Morocco).	10-26 / 10/2008
62-	Fifth International Scientific Conference a sub-regional forum on equality between the sexes in the field of science and technology in the Arab world, organized by the Islamic Organization for Education, Science and Culture - ISESCO and the United Nations Educational, Cultural and Scientific Organization UNESCO, Sharjah.	Aug. 28-30, 2009
63-	Participating and organizing the corner of King Saud University in the London Exhibition for the Best 500 International Universities.	March 10-13, 2010

64- Leadership development training course in Marbon, Australia.	July 19-24, 2010
65- XIth International Congress of Parasitology (ICOPA) in Melbourne, Australia.	Aug. 15-20, 2010
66- A workshop on "reviewing the draft of the third version of the strategic plan of Taibah University"	Dec. 23, 2014
67- Conference on "Nanotechnology for the Development of Advanced Solar Energy Devices" – Turkey.	Sep. 22-23, 2014
68- Conference on "Nanotechnology for the Development of Advanced Energy Devices" - United Arab Emirates.	Feb. 17-18, 2015

List of Publications:

- 1- **Al-Olayan, E., Hurd, H., & Arrighi, R. (2000).** In vitro culture of the mosquito stages of plasmodium berghei: a tool for investigating interactions between parasite and vector. *Biochemical Society Transactions*, 28 (5), A475.
- 2- **Al-Olayan, E. M., Beetsma, A. L., Butcher, G. A., Sinden, R. E., & Hurd, H. (2002).** Complete development of mosquito phases of the malaria parasite in vitro. *Science*, 295, 677-679.
- 3- **Al-Olayan, E., Williams, G. T., & Hurd, H. (2002).** Apoptosis in the malaria protozoan, *Plasmodium berghei*: a possible mechanism for limiting intensity of infection in the mosquito. *International Journal of Parasitology*, 32, 1133-1143.
- 4- **Hurd, H., Al-Olayan, E., & Butcher, G. (2003).** In vitro methods for culturing vertebrate and mosquito stages of *Plasmodium*. *Microbes and Infection*, 5, 321-327.
- 5- **Ahmed, A. M., Al-Olayan, E. M. and Amoudi M. A. (2008).** Towards the utilization of immune system of the mosquito vector, *Aedes aegypti* in the battle against dengue fever.
- 6- **Al-Olayan, E (2008).** Light And Electron Microscopic Study Of Macro And Microgametogenesis Of *Eimeria* Sp. Infecting The Skin (*Scincus Mitranus*) In Saudi Arabia With Reference To Pathogenic Effects On The Host. *Journal Of The Egyptian German Society Of Zoology*.
- 7- **Al-Olayan Ebtasam M., Al-Jafari Abdulaziz A. (2009).** Mosquito's acetylcholinesterase and insecticides: The interactions between the AChE and OP and carbamate insecticides. *Journal of Entomological Research* : 33, 1
- 8- **Abdel-Ghaffar, Fathy; Bashtar, Abdel-Rahman; Mehlhorn, Heinz; Al-Rasheid, Khaled A. S.; Al-Olayan, Ebtasam; Koura, Eglal; Morsy, Kareem. (2009).** Ultrastructure, development, and host-parasite relationship of a new species of the genus *Pleistophora*-a microsporidian parasite of the marine fish *Epinephelus chlorostigma*. *Parasitology Research*, 106, 1: 39,46
- 9- **Abdel-Ghaffar, Fathy; Bashtar, Abdel-Rahman; Mehlhorn, Heinz; Al-Rasheid, Khaled A. S.; Al-Olayan, Ebtasam; Abdel-Baki, Abdel-Azeem; Morsy, Kareem. (2009).** Ultrastructure and host parasite relationships of *Kudoa pagrusi* (Myxozoa) infecting the heart muscles of sea bream *Pagrus pagrus* (L.) from the Red Sea. *Parasitology Research*, 106:121,129.
- 10- **Ashraf M. Ahmed, Ebtasam M. Al-Olayan, Mourad A. M. Aboul-Soud and Abdulaziz A. Al Khedhair (2010).** The immune enhancer, thymoquinone, and the hope of utilizing the immune system of *Aedes caspius* against disease agents. *African Journal of Biotechnology* Vol. 9(21), 3183-3195.
- 11- **Ali M, Al-Olayan EM, Lewis S, Matthews H, Hurd H (2010)** Naturally Occurring Triggers that Induce Apoptosis-Like Programmed Cell Death in *Plasmodium berghei* Ookinetes. *PLoS ONE* 5(9)
- 12- **Medhat Ali, Ebtasam M. Al-Olayan, Steven Lewis, Holly Matthews, Hilary Hurd (2010):** Naturally Occurring Triggers that Induce Apoptosis-Like Programmed Cell Death in *Plasmodium berghei* Ookinetes. *Plos one*, volume 5:1-15.
- 13- **Magda M Sanad and Ebtasam M. Al-Olayan (2011).** *Taxoplasma gondii* Strategy for Intracellular Survival: Is it Still Enigmatic., *Research Journal of Parasitology*. 10.3923, 1816-
- 14- **Ebtasam M.S. Al Olayan1; Amira. El-Kabbany and Hesham M. Sharaf (2011)** Light And Electron Microscopic Study On *Sarcocystis* Sp. *Journal of the Egyptian German Society of Zoology.*, 63: 1- 12
- 15- **Ebtasam M.S. Al Olayan; Amira I. El-Kabbany and Hesham M. Sharaf (2011):** Light And Electron Microscopic Study On *Sarcocystis* Sp. Infecting The Lizard *Scincus Scincus* In Saudi Arabia. *Journal of the Egyptian German Society of Zoology.*,63:, 13-22
- 16- **Ebtasam M.S. Al Olayan (2011)** Evaluation Of Pathogenicity Of Certain Mitosporic Ascomycete Fungi To The House Fly, *Musca Domestica* L. (Diptera: Muscidae). *Journal of Saudi Chemical Society.* (accept)
- 17- **Ebtasam M. Al-Olayan, Hanan Helmy (2012).** Diagnostic value of different antigenic fractions of hydatid cyst fluid from Camel and Sheep in Kingdom of Saudi Arabia. *Journal of Saudi Chemical Society.* *Journal of Saudi Chemical Society*, 99-100
- 18- **Ataya, Farid., Fouad, Dalia. Al-olayan, Ebtasam and Malik, Ajamaluddin. (2012).** Molecular cloning, characterization and predicted structure of a putative copper-zinc SOD1 from the camel, *Camelus dromedaries*. *Int. J. Mol. Sci.* (13), 879-900.
- 19- **Maha H. Elamin, Ebtasam M. Al-Olayan, Sawsan A. Omer, Abdulaziz N. Alagaili and Osama B. Mohammed (2012):** Molecular detection and prevalence of *Toxoplasma gondii* in pregnant women in Sudan. *African Journal of Microbiology Research* Vol. 6(2), pp. 308-311.
- 20- **Sawsan A. Omer, Ebtasam M. Al-Olayan, Maha H. El-Amin, Zeinab K. Hassan, Maha H. Daghestani and Osama B. Mohammed (2012):** Experimental *Cassia senna* intoxication in Lohmann broiler chicks. *Journal of Medicinal Plants Research* Vol. 6(17), pp. 3306-3310.
- 21- **Sawsan A. Omer, Mai A. Elobied, Dalia Foud, Maha H. Deghestani, Ebtasam M. Al-Olayan, Maha H. El-Amin, Promy Virk and Ameera El-Mahassna (2012):** Cadmium Bioaccumulation and Toxicity in *Tilapia* Fish (*Oreochromis niloticus*). *Journal of Animal and Veterinary Advances* 11(10): 1601-1606.
- 22- **Zeinab K. Hassan, Mai A. Elobied, Promy Virk, Sawsan A. Omer, Maha Elamin, Maha H. Daghestani, and Ebtasam M. Al Olayan (2012):** Bisphenol A Induces Hepatotoxicity through Oxidative Stress in Rat Model. *Hindawi Publishing Corporation Oxidative Medicine and Cellular Longevity* Volume 2012, Article ID 194829, 6 pages.
- 23- **Hany M. Yehia, Alaeldein M. Abudabos, Manal F. Elkhadragey, Ebtasam M. Al-Olayan, Abd-El-Rahman M. Khalaf-Allah and Nagwa M. El-Shimi (2013).** Cloning, sequencing and expressing of the carotenoid biosynthesis genes of β -carotene from epiphytic bacteria *Erwinia uredovora* in non carotenogenic bacteria *E. coli*. *Life Science Journal* 10(3), PP 1904-1917.
- 24- **Hany M. Yehia, Ebtasam M. Al-Olayan, Manal F. Elkhadragey, Abd-El-Rahman M. Khalaf-Allah and Nagwa M. El-Shimi. (2013).** Improvement of carotenoid pigments produced by *Rhodotorula glutinis*. *Life Science Journal* 2013. *Life Science Journal*; 10(4).
- 25- **Al-Olayan E M, Dina M. Metwally Mand Alabooshkh F (2013):** Sero-Epidemiological Studies of Toxoplasmosis among Pregnant Women in Hail region Saudi Arabia *Journal of American Science* 2013 9(12): 619-625.
- 26- **Dina M. Metwally and Al-Olayan EM (2013):** Serum Antibody Detection in Echinococcosis: Specificity of Hydatidosis enzyme-linked immunosorbent assay (ELISA) IgG, *Life Sci J* 10(1):2731-2734
- 27- **Maha H. Elamin, Maha H. Daghestani, Sawsan A. Omer, Mai A Elobied, Promy Virk, Ebtasam M. Al-Olayan, Zeinab K. Hassan, Osama B. Mohammed, Abdelilah Aboussekhra (2013):** Olive oil oleuropein has anti-breast cancer properties with higher efficiency on ER-negative cells *Food and Chemical Toxicology* 53 (2013) 310-316.
- 28- **Amani S. Awaad, Haifa M. Al-Zaylaee, Saleh I. Alqasoumi, Mohamed E. Zain, Ebtasam M. Al Olayan, Ahmed M. Alafeefy, Elham S. H. Awad and Reham M. El-Meligy (2013):** Anti-leishmanial Activities of Extracts and Isolated Compounds from *Drechslera rostrata* and *Eurotium tonopholium*, *Phytotherapy Research* (2013) Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/ptr.5096.
- 29- **Maha El Amin, Promy Virk, Mai Abdel Rahman Elobied, Zainab Mohammed Almarhoon, Zeinab Korany Hassan, Sawsan Ali Omer, Nada Mohammed Merghani, Maha Hassan Daghestani and Ebtasam Mohammed Al Olayan (2013):** Anti-diabetic effect of *Murraya koenigii* (L) and *Olea europaea* (L) leaf extracts on streptozotocin induced diabetic rats, *Pak. J. Pharm. Sci.*, Vol.26, No.2, pp.359-365.
- 30- **Al-Olayan, E. M. (2013):** Comparative serological diagnosis of toxoplasmosis in sheep using a crude antigen and commercial antigen, *Life Science Journal* 2013;10(4).
- 31- **Al-Olayan, E. M and Abdel-Rahman, E. Hussien (2014):** Isolation of a specific immunodiagnostic antigens from native strain of *Toxoplasma gondii* tachyzoite, *Mitteilungen Klosterneuburg*, 64(2014) 10.
- 32- **Al-Olayan E., Hany M. Yehia, and Manal F. Elkhadragey (2014):** Hepatoprotective role of the pomegranate (*Punica granatum*) juice on carbon tetrachloride-induced oxidative stress in rats. *African J. Biol. Sci.*, 7 (1):141-155.
- 33- **Dina M. Metwally, E. M. Alolayan (2014):** Immunoassay of IL-10 and IL-2 in mice model vaccinated with killed *Leishmania major* vaccine. *International Journal of Advanced Research*, Volume 2, Issue 12, 669-677.

- 34- **Aly Fahmy Mohamed; Amany khalil Mohamed; Rania Ibrahim shebl; Ebtasam Olayan1 and Manal El- khadragy (2014)** Evaluation of different stabilizers and inactivants enhancement to Vero cell rabies vaccine stability and immunogenicity: In vitro study, Mitteilungen Klosterneuburg, 64(2014) 10, www.mitt-klosterneuburg.com.
- 35- **Ebtisam M. Al-Olayan, Manal F. El-Khadragy, Dina M. Metwally and Ahmed E. Abdel Moneim (2014)**. Protective effects of pomegranate (*Punica granatum*) juice on testes against carbon tetrachloride intoxication in rats. BMC Complementary and Alternative Medicine. 2014, 14:164.
- 36- **Ebtasam M. Al-Olayan, Dina M. Metwally , Dalia Fouad, Sawsan A. Omer, Hanan Helmi(2014)**: Molecular characterization of camel, sheep and goat *Echinococcus granulosus* isolates in Riyadh, Saudi Arabia Mitteilungen Klosterneuburg 64(2014) 9 194-212.
- 37- **Ebtasam M. Al-Olayan ,Fatma M. and Manal F. El-Khadragy (2014)**. Seroprevalence of *Toxoplasma gondii* antibodies in Horses at Riyadh city, MITTEILUNGEN KLOSTERNEUBURG www.mitt-klosterneuburg.com, 184 Sep 2014
- 38- **Manal F. El-Khadragy, Ebtasam M. Al-Olayan and Ahmed E. Abdel Moneim (2014)**. Neuroprotective Effects of *Citrus reticulata* in Scopalamine-Induced Dementia Oxidative Stress in Rats, CNS & Neurological Disorders - Drug Targets, 2014, 13, 684-690.
- 39- **Ahmed E. Abdel Moneim & Amira A. Bauomy & Marwa M. S. Diab & Mohamed Tarek M. Shata & Ebtasam M. Al-Olayan & Manal F. El-Khadragy (2014)**, The Protective Effect of *Physalis peruviana* L. Against Cadmium-Induced Neurotoxicity in Rats, Biol Trace Elem Res DOI 10.1007/s12011-014-0066-9.
- 40- **Dina M Metwally, Ebtasam M Al-Olayan ,Mohammed S Nada ,Osama M AlAzazy,Manal F Elkhadragy (2014)**: Role Of Inflammatory Cells In Destruction of *Schistosoma mansoni* *Schistosomulae* In Mice, Mitteilungen Klosterneuburg 64(2014).
- 41- **EbtisamM. Al-Olayan, Manal F. El-Khadragy, AhmedM. Aref, Mohamed S. Othman, Rami B. Kassab and Ahmed E. Abdel Moneim (2014)**. The Potential Protective Effect of *Physalis peruviana* L. against Carbon Tetrachloride-Induced Hepatotoxicity in Rats Is Mediated by Suppression of Oxidative Stress and Downregulation of MMP-9 Expression, Oxidative Medicine and Cellular Longevity Volume 2014, Article ID 381413, 12 pages.
- 42- **Ebtasam M. Al-Olayan, Manal F. El-Khadragy and Ahmed E. Abdel Moneim (2015)**. Protective properties of melatonin against aluminum-induced neuronal injury, international Journal of Experimental Pathology - Manuscript IJEP-2015-11-1908.R1. Accepted Manuscript. Article in press.
- 43- **Ebtasam M. Al-Olayan , Badrea Alkatheri and Manal F. El-Khadragy (2015)**. Effects of *Panax Ginseng* against Cutaneous Leishmaniasis induced Oxidative Stress in Female BALB/c Mice. Journal of Ginseng Research, Accepted Manuscript. Article in press
- 44- **Tahany Hassan Ayaad; Rasha Khalifah Al- Akeel, and Ebtasam Olayan (2015)**: Isolation and Characterization of Midgut Lectin From *Aedes aegypti* (L.) (Diptera: Culicidae) , Braz. Arch. Biol. Technol. v.58 n.6: pp. 905-912.
- 45- **Kareem Morsy; Margit Semmler; Ebtasam Al-Olayan and Heinz Mehlhorn (2015)**: Testicular myxosporidiosis and ultrastructural characteristics of *Myxobolus bufonis* (Myxobolidae) infecting the Egyptian toad *Bufo regularis* (Bufonidae). A light and electron microscopic study, Parasitology Research 114 (11)
- 46- **Ebtasam M Al-Olayan, Aly F Mohamed, Manal F El-Khadragy, Rania I Shebl, HanryMYehia (2016)**: An Alternative Inactivant for Rift Valley Fever Virus using Cobra Venom-derived L-Amino Oxidase, which is Related to its Immune Potential. Braz. Arch. Biol. Technol. v.59: e16160044
- 47- **Manal F El-Khadragy, Ebtasam M Al-Olayan, AAK Abou Arab, Sh E Sebbae, MA Abou Donia, Dina M Metwally, RL Abd-El Aziz (2016)**: Effect of sub lethal concentrations of cadmium and lead on *Oreochromis niloticus*., Biomed Res- India 2017 Volume 28 Issue 4
- 48- **Ebtasam M. Al-Olayan, Manal F. El-Khadragy, Rami B. Kassab and Ahmed E. Abdel Moneim (2016)**: The beneficial effect of physalis juice on carbon tetrachloride-induced oxidative stress in rat's brain, CNS Neurol Disord Drug Targets. 15(3):344-50.
- 49- **Ebtasam M. Al-Olayan, Manal F. El-Khadragy, Reem A. Alajimi, Mohamed S. Othman, Amira A. Bauomy, Shaimaa R. Ibrahim and Ahmed E. Abdel Moneim (2016)**: *Ceratina siliqua* pod extract ameliorates *Schistosoma mansoni*-induced liver fibrosis and oxidative stress, BMC Complementary and Alternative Medicine (2016) 16:434.
- 50- **Dina M. Metwally, Ebtasam M. Al-Olayan, Manal F. El-Khadragy, Badriah Alkathiri (2016)**: Anti-Leishmanial Activity (In Vitro and InVivo) of Allicin and Allicin Cream Using *Leishmania major* (Sub-strain Zymowme LON4) and Balb/c Mice. PLOS ONE | DOI:10.1371/journal.pone.0161296.
- 51- **Sherifa S.Hamed, NoufA.AL-Yhya, ManalF.El-Khadragy, Ebtasam M.Al-Olayan, ReemA.Alajmi , ZeinabK.Hassan, SalwaB.Hassan and Ahmed E.AbdelMoneim (2016)**: The Protective Properties of the Strawberry (*Fragaria ananassa*) against Carbon Tetrachloride-Induced Hepatotoxicity in Rats Mediated by Anti Apoptotic and Upregulation of Antioxidant Genes Expression Effects. Frontiers in Physiology, August 2016|Volume7|Article325.
- 52- **Manal F. Elkhadragy; Ebtasam M. Al-Olayan; Hany M. Yehia and Dina M. Metwally (2016)**: Controlled Majority Common Bacterial Syndrome of Secondary infection and common bacteria followed leishmania cutaneous ulcers in mice. Biomedical Research, accepted manuscript.
- 53- **Kareem Morsy; Margit Semmler; Ebtasam Al-Olayan and Heinz Mehlhorn (2016)**: *Henneguya collaris* sp. nov., (Myxosporidia), parasite of the Greenband Parrotfish *Scarus collana* Rüppell.(Actinopterygii, Scaridae) from the Red Sea, Egypt. A light and electron microscopic study Parasitol Res DOI 10.1007/s00436-016-4968-7.
- 54- **Mohamed M. Hafez,Ebtasam M. Al-Olayan, Sherifa S.Hamed, Manal F. El-Khadragy, Zeinab K. Hassan; Salim S. Al Rejaie, Mohamed M Sayed-Ahmed and Othman A. AL-Shabanah (2017)**: Effect of ginseng extract on the TGF- β 1 signaling pathway in CCl4-induced liver fibrosis in rats: BMC Complementary and Alternative Medicine, accepted manuscript.
- 55- **Hany M. Yehia, Ebtasam M. Al-Olayan, Manal F. El-Khadragy and Dina M. Metwally (2017)**: In Vitro and In Vivo Control of Secondary Bacterial Infection Caused by *Leishmania major*, Int. J. Environ. Res. Public Health 2017, 14, 777
- 56- **Manal F Elkhadragy, Ebtasam M Al-Olayan, Ahmed E Abdel Moneim (2017)**: Protective Effects of *Fragaria ananassa* Extract Against Cadmium Chloride-Induced Acute Renal Toxicity in Rats. Biological trace element research, DOI 10.1007/s12011-017-1062-7
- 57- **Ebtasam M. Al-Olayan, Manal F. El-Khadragy and Ahmed E. Abdel Moneim (2017)**. Protective properties of melatonin against aluminum-induced neuronal injury, Int. J. Exp. Path. 1-9.
- 58- **Mohammed I. Y. Elmallah,Manal F. Elkhadragy,Ebtasam M. Al-Olayan andAhmed E. Abdel Moneim (2017)**: Protective Effect of *Fragaria ananassa* Crude Extract on Cadmium-Induced Lipid Peroxidation, Antioxidant Enzymes Suppression, and Apoptosis in Rat Testes, Int. J. Mol. Sci. 2017, 18(5), 957.
- 59- **Manal El-khadragy, Ebtasam Olayan, Aly Fahmy Mohamed, Amany Khalil Mohamed, Rania Ibrahim Shebl, Hany M. Yehia:(2017)**Evaluation of different stabilizers and inactivants enhancement to Vero cell rabiesvaccine stability and immunogenicity: In vitro study, Biomedical Research; 28
- 60- **Manal El-khadragy; Ebtasam M. Alolayan; Dina M. Metwally; Mohamed F. Serag El-Din; Sara S. Alobud; Nour I. Alsultan; Sarah S. Alsaif; Manal A. Awad, and Ahmed E. Abdel Moneim (2018)**:Clinical Efficacy Associated with Enhanced Antioxidant Enzyme Activities of Silver Nanoparticles Biosynthesized Using *Moringa oleifera* Leaf Extract, Against Cutaneous Leishmaniasis in a Murine Model of *Leishmania major*. Int J Environ Res Public Health. 2018 May; 15(5):1037.
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- 64- **Maha H. Elamin; Abdelsalam B. Elmahi; Maha H. Daghestani; Ebtasam M. Al-Olayan, Reem A A. Al-Ajimi ; Afrah F. Alkhouriji; Sherifa S. Hamed; Manal F. Elkhadragy 2018**, Synergistic Anti-Breast-Cancer Effects of Combined Treatment With Oleuropein and Doxorubicin In Vivo, Alternative Therapies, 078-679.
- 65- **Dina M. Metwally; Ebtasam M. Al-Olayan, Mohammad Alanazi, Sanaa B. Alzahrany and Abdelhabib Semlali (2018)**: Antischistosomal and anti-inflammatory activity of garlic and allicin compared with that of praziquantel in vivo, BMC Complementary and Alternative Medicine (2018) 18:135.
- 66- **Dina M. Metwally; Ebtasam M. Al-Olayan; Reem A. Alshalhoop and Shatha A. Eisa(2018)**: Biomarkers as predictive tools to test the in vivo anti-sarcoptic mange activity of propolis in naturally infested rabbits, Bioscience Reports 38(6):BSR20180874

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- 68- **Manal F. Elkhadragy, Rami B. Kassab, Dina Metwally, Rafa S. Almeer, Rewaida Abdel-Gaber, Ebtesam M. Al-Olayan, Ehab A. Essawy, Hatem K. Amin and Ahmed E. Abdel Moneim. (2019).** Protective effects of *Fragaria ananassa* methanolic extract in a rat model of cadmium chloride-induced neurotoxicity. *Bioscience Reports*; 38 BSR20180861.
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