



## *Adel khalil Gohar*

*Professor of Clinical Pathology,  
Consultant of Biotechnology Laboratory //  
Director for Many Molecular Diagnosis  
Laboratory, Global Goodwill Ambassador, // Vice  
editor-in-chief -Infectious Diseases Research  
journal , // Member in national committee of  
biotechnology and Genetic engineering*

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in <https://www.linkedin.com/in/adel-gohar-198a6017> 📅 24/10/1968

🐦 <https://twitter.com/adel2005khalil>

🏠 <https://scholar.google.com.eg/citations?user=sXdt4eQAAAAJ&hl=en>

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### PROFILE

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For 30 years, as a clinical pathology specialist and molecular diagnosis of genetics and infectious diseases, in last 20 years, I have been responsible for a lab setting and the establishment of lab examinations using PCR, Real-Time PCR, Capillary sequencing, and recently, NGS sequencing in Gulf laboratories and Egypt. Moreover, I spent 18 years working in genetic testing and selection of embryos using PGD in the Egyptian IVF-ET center, which had allowed me to analyze all pedigree data efficiently and identify the presence of any genetic problems to calculate risk involvement and to evaluate the pattern of inheritance.

additionally, I was head for the laboratory part of the AstraZeneca project in Egypt for testing and reporting EGFR mutations in FBPE & CF-DNA in 3000 lung cancer Egyptian patients. I established testing FGFR, KRAS & PDL1 in bladder cancer with Jhonson & Jhonson co. as well as testing BCR-APL in leukemia patients sponsored by Al-Hekma pharmaceutical Company.

I handle Quality Control procedures for Colors medical lab for the last 3 years, Horizon for scientific consultancy for the last 3 years, and genetic lab in the Egyptian IVF-ET center for the last 12 years performing tests on all genetic disorders and had been assisting all clients to interpret all specifications of genetic information and maintaining knowledge of all genetic information and providing social help.


I have in-depth knowledge of QC for Self-monitoring checks on tasks done by Lab and knowledge of QC for computer applications. I routinely Collect and validate the results of the analyses, Make decisions (action and corrective actions) planning of trends shared by enhancing production elements and SOP development and SOP modification, and be as accurate in my QC as it comes.

I would appreciate the opportunity to thank you so much for reviewing my enclosed qualifications, and I look forward to speaking with you as early as possible.

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 **EDUCATION**

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- 09/1995 – 02/1999 **PHD**  
Giza, Egypt *Cairo University*  
Ph.D.: 1999 Clinical Pathology, Faculty of veterinary medicine, Cairo University.  
Title: Clinicopathological studies on BVH -1 in cattle (Ph.D. the thesis was titled by: Clinicopathological studies on bovine herpesvirus type 1 among calves. where a detailed molecular serological and isolation of virus ( Application of FA technique, virus isolation, serum neutralization, polymerase chain reaction, and DNA hybridization techniques epidemiology biostatistics model) The changes in both hematological and biochemical analysis of blood and serum of infected cases were studied, Cairo University.
- 03/1993 – 09/1995 **MVSc**  
Giza, Egypt *Cairo University*  
MVSc: 1995 Clinical Pathology, Faculty of veterinary medicine, Cairo University.  
Title: Studies on FMD in Egyptian Goats (Master thesis Was titled by: Studies on foot and mouth disease in Goats. Where a detailed molecular and serological diagnosis was applied. ( virus isolation, serum neutralization, and Polymerase Chain Reaction as diagnostic tools applied for disease condition evaluation). Hematological and biochemical parameters were measured at Cairo University.
- 09/1986 – 01/1992 **BVSc**  
Giza, Egypt *Cairo University*   
BVSc.: 1992, Very good grade, (prime of class) Faculty of veterinary medicine, Cairo University

**PROFESSIONAL EXPERIENCE**

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- 10/2019 – present **Co-founder and R&D director**  
Giza, Egypt *Capital Experts group*  
developing new drugs from natural resources., enhancing diagnostic kit production.  
design both GLP &SOP developing GMP in a pharmaceutical company,
- 02/2009 – present **Professor of Clinical Pathology**  
Giza, 2009 *CAIRO UNIVERSITY*  
Teaching hematology, biochemistry, laboratory assurances,& infection controls, biochemistry, and molecular diagnosis of genetic and infectious disease in biotechnology program in faculty of science Cairo University, molecular forensic& DNA fingerprinting and molecular epidemiology of diseases.
- 03/2002 – 05/2020 **Egyptian IVF \_ ET Center**  
Maadi, Cairo, Egypt *Egyptian IVF \_ ET Center*  
Routine testing of hematology, biochemistry, and viral for all patients establish PGD assay for thalassemia patients and getting a healthy baby for carrier parents, sex selection and chromosomes testing for embryo before transfer. Parentage testing & detection of potential causes of genetic disorders.

- 07/2017 – 05/2019  
Maadi, Cairo., Egypt
- Consultant of Biotechnology Training and Education**  
*Science Horizons*
- Training program founder for molecular diagnosis and genotyping for personalized medicine. Industrial Biotechnology, and bioinformatic curriculum with full integration of Bemcon, UK.
- 06/2017 – 05/2019  
Maadi, Cairo, Egypt
- Consultant of Molecular Diagnosis**  
*Green business solutions*
- Consultant for molecular diagnosis of food born illness, GMO testing, detection of Salmonella food infection, Brucellosis, food adulteration, and Halal food by Real-time PCR and conventional PCR.
- 12/2015 – 11/2018  
Maadi, Cairo
- Director of Colors Medical laboratory**  
*Colors Medical laboratory*
- Developing and establishing colors Lab with building up the team. Colors laboratory is a specialized laboratory for oncology testing (EGFR- BRCA, BCR-ABL, KRAS, and NRAS) and establishing and technology transfer testing pregnant mothers for NIPT assays, testing newly born and children for Whole EXOME sequencing. In addition, Metagenomic testing for Microbial isolates.
- 03/2013 – 11/2015  
Doha, Qatar, Qatar
- Director of Laboratory Division in LCH.**  
*Solution For Health Care*
- Director of laboratory division in Lawaeina camel hospital and research center, Doha, State of Qatar. which is working for all testing for racing camel and parentage, during this period LCH establish a Genetic laboratory for parentage testing and developing Formula for body conformation for racing camel, testing and publishing research paper with the share of Health authority and Erasmus institutes for coronavirus infection in both camel and attendants as well as making epidemiological studies for Brucellosis in camels.
- 12/2008 – 03/2013  
Giza, Egypt
- Visiting Professor for biotechnology**  
*Cairo University*
- Visiting professor in National Institute of Laser, Cairo University, since 2008- 2012 teaching molecular techniques and phytochemical composition of molecular probes. (Postgraduate Level).
- Visiting professor in a program of biotechnology in the faculty of science, Cairo University, since February 2009 -2013 teaching molecular fingerprinting and disease diagnosis (graduate and postgraduate).
- 12/2008 – 02/2013  
6October city, Giza, Egypt
- Visiting professor for faculty of biotechnology**  
*MSA University*
- Visiting professor for faculty of biotechnology, MSA University since February 2009-2013 for teaching a course about the molecular diagnosis of diseases.
- 07/2008 – 02/2013  
Giza, Egypt
- Consultant of Zoo Laboratory**  
*Giza Zoo, Ministry of agriculture*
- Supervision for Giza Zoo laboratories since 2008 -2013 third animal zoo in the world and consultant for testing animals under reservation.

01/2009 – 06/2011 **Visiting Professor for Clinical Pathology**  
Alexandria, Egypt *Alexandria university*  
Visiting professor for faculty of veterinary medicine, Alexandria university since September 2009-2011.



## MEMBERSHIP & NATIONAL PARTICIPATION

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08/2021 – present **TMR Publishing Group Limited**  
Auckland, bay, *Vice editor-in-chief -Infectious Diseases Research journal*  
Auckland *Vice editor-in-chief -Infectious Diseases*  
Research journal, Talent of Medical Research, 11 Cockle Bay Rd, Cockle Bay, Auckland  
2014, New Zealand Tel: +64 02108293806

03/2020 – present **Science And Technology Academy Of Scientific Research& Technology.**  
cairo, Egypt *Member Of The Enduring Committee of Strategic Programs of Biotechnology*  
Member Of The Enduring Committee of Strategic Programs of Biotechnology, Science  
And  
Technology Academy Of Scientific Research& Technology. March 2020 -Till now

09/2019 – present **European Society of Medical Oncology**  
Berlin, Germany *Member*  
European Society of Medical Oncology Member, 2019- Now / Cairo, Egypt.

08/2018 – present **Global Goodwill Ambassador**  
Cairo,, Egypt *Global Goodwill Ambassador*  
Global Goodwill Ambassador, third honorary co-founder for Global Goodwill 2018--Now  
Egyptian Association of Veterinary Medicine Member 2001-Now / Cairo, Egypt.

08/2008 – present **Egyptian Society of Immunology**  
Cairo, Egypt *Member*  
Egyptian Society of Immunology Member. 2008 –Now / Cairo, Egypt.

08/2008 – present **Egyptian Society of Poultry disease**  
Giza, Egypt *Member*  
Egyptian Society of Poultry disease Member, 2008 –Now / Cairo, Egypt.

12/2007 – present **European Society of human reproduction and embryology,**  
Emsterdam, *Member*  
Deutschland *European Society of human reproduction and embryology, Member. 2007 –Now /*

10/2006 – present **Middle east infertility society**  
cairo, Egypt *Member*  
Middle east infertility society Member, 2006 –Now / Cairo, Egypt

04/2001 – present **Egyptian Association of Veterinary Medicine**  
*Member*  
Egyptian Association of Veterinary Medicine Member 2001-Now / Cairo, Egypt.  
Egyptian Society

04/2001 – present **Egyptian Society of pathology and clinical pathology Member**  
Giza, Egypt *Member*  
Egyptian Society of pathology and clinical pathology Member 2001-Now/ Cairo, Egypt.





## COURSE CERTIFICATE & VALIDITY

12/2021 – present	<b>EMBL Conference: SARS-COV2 Two years on; Science meets the challenge. on-line courses, December 10-15th, 2021. Heidelberg, Germany.</b>
03/2021 – present	<b>ADVANCED LIST OF CANCER HOTSPOTS FOR CANCER SIGNATURES &amp; PRECISION ONCOLOGY. HARVARD MEDICAL SCHOOL, OFFICE OF ONLINELEARNING; EXTERNAL EDUCATION. March 19th,2021</b>
01/2021 – present	<b>Scientific research from design to analysis. IFAD foundation, united kingdom,online Completed and Certified, 11 January 2021</b>
11/2020 – present	<b>ADVANCED BIOINFORMATIC ANALYSIS OF CANCER GENOMICS AND PRECISIONMEDICINE; HARVARD MEDICAL SCHOOL, OFFICE OF ONLINE LEARNING;EXTERNAL EDUCATION. November 20, 2020.</b>
11/2020 – present	<b>Project management requirement: completed on 5th of November 2020.,organized by LinkedIn.</b>
10/2020 – present	<b>Proper financial management for healthcare projects. Online course VlearnY October 2020.</b>
08/2020 – present	<b>EMBL advanced approaches in precision medicine. EMBL, online courses,August 18-25, 2020 Heidelberg, Germany.</b>
07/2020 – present	<b>Genetics and next-generation sequencing for bioinformatics online course,udemy corporation, 16th July 2020.</b>
06/2020 – present	<b>Analyzing Data With phyton. IBM- Edx provided online course, 06/05/2020</b>
04/2020 – present	<b>COVID -19 TACKLING THE NOVEL CORONAVIRUS. . Completed and Certified,2nd April 2020, UK PUBLIC HEALTH RAPID SUPPORT TEAM with collaborationwith LONDON SCHOOL OF HYGIENE and TROPICAL MEDICINE at FUTUR LEARNonline program.</b>
09/2019 – present	<b>Use of Whole/Clinical Exome Sequencing (W/C-ES) analysis for diagnosis ofrare diseases syndromes 27-30 September 2019 Barcelona, Spain.</b>
03/2019 – present	<b>EMBL COURSE:GENOME ENGENNERING CRISPR/CAS. EMBL, on line courses, March17-22, 2019 Heidelberg, Germany.</b>
03/2019 – present	<b>Introduction to breast cancer. BRCA1&amp;2 gene analysis using NGS platform;15th March 2019, online course provided by Coursera and accredited by Yale University</b>
12/2018 – present	<b>Bioinformatics analysis pipeline for analysis of whole / clinical exoms; 12thDecember 2018, online course provided by Coursera and accredited by. Johns Hopkins University.</b>
11/2018 – present	<b>General industry hazard recognition, organized by OSHA Education center and American safety council inc.8/11/2018.</b>

09/2018 – present **EMBO/EMBL SYMPOSIUM: THE HUMAN MICROBIOME /NGS &BIOINFORMATICANALYSIS.16-19 SEPTEMBER 2018, Heidelberg, Germany**

07/2018 – present **Cellular and molecular biology of cancer. Organized by, 3D Zeta Omega as an initiative online learning education program of Science standing in 26 /7/2018.**

06/2018 – present **Introduction to python for data science. Microsoft-Edx provided course,24/06/2018.**

06/2018 – present **Bacterial genome: From DNA to protein function using bioinformatics.Completed and Certified, June 17th, 2018, WELLCOME GENOME CAMPUSADVANCED COURSE in collaboration with WELLCOME SANGER INSTITUTES atFUTUR LEARN online program.**

12/2017 – present **OSHA Advanced Qualification in Biotech/Pharma and healthcare industries,online course 30 hrs,15-20, December 2017, ACME, institute of a safety professional.**

09/2017 – present **Introduction to breast cancer. 14th September 2017, online course provided by Coursera and accredited by Yale University.**

04/2017 – present **Bioanalyser for measuring the quality of nucleic acid April 2017. Color Medical lab in Maadi, Cairo, Egypt.**

04/2017 – present **Training in using Bioanalyser for measuring the quality of nucleic acid April 2017.**

02/2017 – present **LEARNING ONLINE: SEARCHING AND RESEARCHING. Completed and Certified,8th February 2017. The University of Leeds at FUTUR LEARN online program.**

12/2016 – present **Measurement of interleukin in particular disease: HLA typing used for BMtransplant by Luminex learning program on 20-24/12/2016, Dubai, UAE.**

04/2016 – present **lab internal auditing in accordance with ISO 1725 ISO 15189 AND ISO 19011 at 20 -4-2016.**

03/2016 – present **Training in using NGS for full genome sequencing of human genome March2016 . Training in using S5 in Establishing Color Medical lab in Maadi, Cairo, Egypt.**

03/2016 – present **Statistic quality controls for accredited laboratories24 -3-2016 Cairo Egypt**

03/2016 – present **Uncertainty awareness and its calculation in ISO 1 7025 25-3-2016 Cairo Egypt.**

03/2016 – present **Training in using NGS for full genome sequencing of human genome March2016.**

12/2015 – present **Workshops and training skills in accreditation laboratory ISO 17025 -15189&19011 Understanding Iso 17025-2005 requirements 12/12/2015 that is a essential program to establish documentation profile. Cairo, Egypt**

12/2015 – present **ISO 17025-2005 management system implementation and documentation at 25 -12-2015 Cairo Egypt**

09/2015 – present **Essential skills for both Project coordinator & Project management. Provided by Atlantis project, corporation, England, 20-25 September 2015. Qatar University, Doha, Qatar.**

09/2014 – present	<b>Measurement of water-soluble vitamins using HPLC in Agilent bio-analytical company Dubai, September 14 -18th 2014.</b>
09/2014 – present	<b>Measurement of water-soluble vitamins using HPLC in Agilent Bioanalytical company Dubai, September 14 -18th 2014.</b>
05/2014 – present	<b>EMBL introductory course :Transgenic animal. EMBL, Heidelberg, May 22-28,2014, Germany . course was co-engaged with Eppendorf</b>
05/2014 – present	<b>Professional training in Cobas 6000 and 501c by Roche diagnostic middle east in Dubai, 11 -15th May 2014.</b>
05/2014 – present	<b>Professional training in COBAS 6000 and 501c by Roche diagnostic middleeast in Dubai , 11 -15th May, 2014</b>
04/2014 – present	<b>Managing your laboratory data. Course provided by Thermo-fishers, April10-12, 2014 in Dubai, UAE.</b>
02/2012 – present	<b>Understanding Iso 15189-2012 requirements and its implementation in medical laboratories at 8 -2-2017 Cairo Egypt</b>
11/2011 – present	<b>Project management and effective cost manipulations with maintaining accreditation requirement association of engineering in Ireland. 7-9November, 2013-Doha, Qatar.</b>



## TRAINING COURSES ORGANIZATION

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05/2012	<b>training of Veterinarians according to the General veterinary authority for using stem cell and GoldNano-particles as a new tool for therapy</b>  Sharing in the training of Veterinarians according to the General veterinary authority for using stem cell and GoldNano-particles as a new tool for therapy during 2012 (monthly workshop March, April, and May).
02/2012	<b>Polymerase chain reaction in Genome center</b>  Teaching the scientific content about Advances in Polymerase chain reaction in Genome center in a faculty of Medicine, Cairo, University February 2012
01/2002	<b>Application of PCR and DNA hybridization for diagnosis of infectious diseases &amp; Preparation of recombinant vaccines and diagnostic proteins.</b> (Part A) Application of PCR and DNA hybridization for diagnosis of infectious diseases 13 -17th January 2002. (Part B) Preparation of recombinant vaccines and diagnostic proteins. 26 - 31 January 2002( responsible for both practice sessions and lectures in both Part A and Part B).
04/2001	<b>Second regional training course on molecular biology</b> Workshop on: Second regional training course on molecular biology (cooperation with Institute of tropical diseases, Belgium).A workshop titled by Application of genetic engineering techniques in diagnosis and vaccine production 28 April -7 May. 2001.

04/2001 **third regional training course on immunology**  
Workshop on: third regional training course on immunology (cooperation with the federal Institute of Veterinary Medicine, Germany) Workshop titled by Immunodiagnostic of livestock diseases 7 -21st April 2001 (responsible.

01/2000 **first regional training course in molecular biology**  
Workshop on: first regional training course in molecular biology 1 -15 January 2000 (cooperation with Iowa State University) A workshop titled by :

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 **LANGUAGES**

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**Arabic**

**English**  
*TOEFL*

**FRENCH**

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 **PROJECTS**

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02/2018 **Project director: Lung Cancer research projects: A health sponsorship study from Roche international pharmaceutical company**  
Project director Lung Cancer research projects: A health sponsorship study from Roche international pharmaceutical company: Roche was testing Egyptian patient Lung samples for mutation in EGFR gene extended from clinical trials testing under full reviewing from the ministry of health., Feb 2018 till Oct. 2018.

03/2017 **Project director for leukemia projects: A health sponsorship study from Al Hekma pharmaceutical company**  
Project director for leukemia projects: A health sponsorship study from Al Hekma pharmaceutical company: The project planned for testing Egyptian patient translocation in BCR-ABL genes inpatient with Chronic Myeloid Leukemia from March 2017 till Nov. 2018.

09/2016 **Project director for Lung Cancer research projects: A health sponsorship study from AstraZeneca**  
Project director for Lung Cancer research projects: A health sponsorship study from AstraZeneca international pharmaceutical company: AZ was testing Egyptian patient Lung samples for mutation in EGFR gene extended from October 2016 till Nov 2018.

09/2011 **Co-PI for a project funded by STDF for studying the use of Gold nanoparticles in treating Oral cancer and study the hepato-renal toxicity**  
Co-PI for a project funded by STDF for studying the use of Gold nanoparticles in treating Oral cancer and the hepato-renal toxicity

- 03/2010 **Member in a team of treating diabetes with stem cell line CU/MSA project**  
Member in a team of treating diabetes with stem cell line CU/MSA project
- 09/2008 **Member in the management in C -QAP (continuous quality accreditation project)**  
Member in the management in C -QAP (continuous quality accreditation project) in the faculty of veterinary medicine Cairo University.
- 10/2007 **project tiled by Controlling subclinical mastitis in dairy herds funded from National Academy of sciences**  
Principle investigator for project tiled by Controlling subclinical mastitis in dairy herds funded from National Academy of sciences and starting date at 1/10/2007 extended for 36 months. And refunded by October university for Art and science for developing the research into field product.
- 11/2004 **Member of the management team of the QAAP (quality assurance and accreditation project)**  
Member of the management team of the QAAP (quality assurance and accreditation project) for developing the faculty courses in the faculty of veterinary medicine at Cairo University.
- 09/2004 **Principle investigator for contious production of fasiola antigens**  
Principle investigator for project tiled by funding from National Academy of sciences and starting date at 1/10/2004 extended for 36 months. The projects Extended for 2 years till 2009 with additional funds. To establish the commercial products output. With the registration of a patency
- 09/2002 **Principle investigator: for project tiled by Production of a recombinant vaccine for protection against liver fluke.**  
Principle investigator: for project tiled by Production of a recombinant vaccine for protection against liver fluke. funded from Cairo University and starting date at 1/9/2002 extended for 18 months
- 03/1999 **Member in project No:19 Ministry of which titled: Establishment of a vaccine for controlling Corynebacterium pseudotuberculosis infection in sheep and buffaloes using Recombinant DNA technology. Where inactivation of Phospholipase D (toxin secreted by Corynebacterium pseudotuberculosis ) is mutated and recombinant mutant form is produced to be used as a vaccine**  
Member in project No:19 Ministry of which titled: Establishment of a vaccine for controlling Corynebacterium pseudotuberculosis infection in sheep and buffaloes using Recombinant DNA technology. Where inactivation of Phospholipase D (toxin secreted by Corynebacterium pseudotuberculosis ) is mutated and recombinant mutant form is produced to be used as a vaccine duration: Date of start March 1999 and extended for 3 years

- 02/2020      **Apply for antigen production of hydrated cyst antigens depending on tissue culture basis patent in 195/2020**
- 02/2020      **Apply for antigen production of Schistosoma proteases depending on tissue culture basis patent in 196/2020**
- 05/2017      **Production a powerful surfactant capable of removing oil from our eastern beaches of the ocean. Using rumenolipid for oil removal and shore freshening. Registered 2017 Egypt. 208/2017**
- 05/2016      **Patent for continuous production of fasciola proteases depending on tissue culture basis patent in October 2015 Egypt 27369**



## **ATTENDANCE OF SCIENTIFIC CONFERENCES**

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- 2021      **Attending and participating in "Antimicrobial Stewardship - Our Role - Our Responsibility" - 22nd June - 2021 – Cairo, Egypt.**
- 2021      **Attending and participating in "TBRI ANNUAL CONFERENCE 2ND -4TH DECEMBER" 2021 – Cairo, Egypt.**
- 2020      **Attending and participating in "16th annual international conference of the Egyptian society of experimental biology by plenary talk "Diagnosis and treatment of cancer based on driver gene mutation"23rd February 2020**
- 2019      **Attending and participating in scientific annual meeting thirty-three years of IVF In Egypt 28-30 March 2019. Sahl Hassish, Hurgahada, Egypt.**
- 2019      **Attending the ESMO Congress 27th, September - 1st, October 2019 Barcelona, Spain.**
- 2017      **Attending and participating in the scientific 2nd Egyptian Bioinformatics Workshop" scheduled to be on the 26th of December 2017 at Nile University. 6th of October City, Giza, Egypt.**
- 2015      **Regional Workshop on MERS -CoV and 'One-Health' Approach 27 -29 April 2015 held in Doha under the supervision of OIE and WHO. Endemic and emerging viral diseases of priority in the middle east and North Africa (MENA) Doha. 26 -29 May 2014.**
- 2014      **Third scientific conference of Egyptian virology society Cairo 24 -25 November 2010.**

- 2010 **First scientific conference of innovation in biotechnology faculty of science Cairo University 21 -23 November 2010.**
- 2009 **Second international for biotechnology applications held during 18 -19 October 2009 in cooperation between October university for Modern science and Arts and the Greenwich, United Kingdom.**
- 2008 **The 4 annual scientific conference of the veterinary sector in NRC national research center held during 26 -28 April 2008 about consumer safety.**
- 2008 **First international for biotechnology applications held during 19 -21st October 2008 in cooperation between October university for Modern science and Arts and the Greenwich United Kingdom.**
- 2008 **Arabic veterinary conference 28th of Egyptian veterinary association Cairo 15 -17 December 2008.**
- 2008 **First conference quality assurance and accreditation between reality and expectation in Cairo University 15 April 2008**
- 2008 **The second international for enhancing the competitive capability of university 4 -5 June 2008 Al-Azhar university.**
- 2008 **First international conference for National Authority for quality assurance for assessment of academic standard 7-8 April, 2008.**
- 2008 **First international conference for National Authority for quality assurance for assessment of academic standard 7-8 April, 2008.**
- 2007 **The First annual scientific conference of Cairo University held in Cairo, 3-5 May 2007**
- 2007 **The 9 annual scientific conferences of Egyptian society for cattle disease during 2-4 December 2007 in Luxor.**
- 2007 **The 16 annual scientific conference of Egyptian society for cattle disease during November 2007 in Cairo.**
- 2006 **First annual scientific conference for camel held in Qassim, KSA, by Faculty of agriculture and veterinary medicine, Qassim University 9-12nd May- 2006**
- 2006 **The 8 annual scientific conference for immunology society held during 29 November to first of December 2006 Sharm el Sheik**
- 2005 **The 12 annual scientific conference of Middle east infertility society 23 -26 December 2005 - Luxor.**
- 2005 **First scientific conference for developing national registrations of efficiency and safety in in-vitro fertilization under the supervision of Ministry of health 5 -7 October 2003. The 8 annual scientific conference of the faculty of veterinary medicine Cairo University 17 -19 April 2005**

- 2003 The 14 annual scientific conference of Veterinary society for pathology and clinical pathology held during 9 -10 September 2003
- 2002 The 7 annual scientific conference of the faculty of veterinar y medicine Cairo university 29 -31st October 2002.
- 2001 Arabic veterinary c conference 24 of Egyptian veterinary association. Cairo April 2001
- 2001 The 13 annual scientific conference of Veterinary society for pathology and clinical pathology held during 29 -29 October 2001
- 2000 The 12 annual scientific conference of Veterinary society for pathology and clinical pathology held during 24 -26 October 2000
- 1999 The 11 annual scientific conference of Veterinary society for pathology and clinical pathology held during 28 -29 October 1999.

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 **SCIENTIFIC PUBLICATIONS**

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- Al-Alfy, M.E.; El-Noury, M.A.; Azmy, O.M.; Bebars, M.A.; Alsharnoubi, G.; Dawood, R.M.; Nagy, O.A.; Ibrahim, A.K.; (2017): Molecular detection of CFFDNA for early laboratory diagnosis of X linked disorders carriers. Middle East Fertility Society Journal <https://doi.org/10.1016>
- 2017 Ansari, W.K.; Parvej, S.H.; El Zowalaty, M.E.; Bustin, S.S; Ibrahim, A.K.; El Zowalaty, A.E; Rahman, A.; Zhang, H.; Rahman KR.; Mostakin, A.; Rahman, F; Rahman, M.; Nazir, K.M.; Sultan, A.; Liakot H.; Abdul Kafi, M.; Yamane, N.; Debnath, G.; Ashour, H.S.; Masudur, R.; Noreddin, A.; Rahman, B; (2017): Surveillance, Epidemiological, and Virological Detection of Highly Pathogenic H5N1 Avian Influenza Viruses in Duck and Poultry from Bangladesh Veterinary Microbiology, 193;49-59.
- 2017 Reina S Sikkema, Elmoubasher ABA Farag, Sayed Himatt, Adel K Ibrahim, Hamad Al-Romaihi, Salih A Al-Marri, Mohamed Al-Thani, Ahmed M El-Sayed, Mohammed Al-Hajri, Bart L Haagmans, Marion PG Koopmans, Chantal BEM Reusken. (2017): Risk Factors for Primary Middle East Respiratory Syndrome Coronavirus Infection in Camel Workers in Qatar During 2013-2014: A Case-Control Study. The Journal of Infectious Diseases, 215, 11, 1702-1705
- 2016 Abdellatif, O.: Saleh, H.: Salah, T: Elshazly, O.: Ibrahim, A.K.; Raafat, A.A. (2016): Hemato, Hepato, and Nephrotoxicity after repeated systemic administration of 18nm Gold Nanoparticles (GNPs) in Hamsters. Gold Nanoparticles for Targeted Oral Cancer Therapy In-Vivo Evaluation of Hepatotoxicity before Translation. *nanotoxicology International journal of nanomedicine*, 11; 2505-2510.
- 2014 Hazem M. Saleh, Shima Abdelhamid, Mahmoud Abdelhamid, Tareq Youssef, P. and Adel K. Gohar (2014): Subcellular Toxicity of Gold Nanoparticles Irradiated with 532 nm Pulsed Laser. *Photomedicine and Laser Surgery*. Volume 32, Number 6, 2014. Mary Ann Liebert, Inc. Pp. 360-367 DOI: 10.1089/pho.2013.356.

- 2014 Bashandy, M.M.; Ibrahim, A.K.; El-Olemy, K. A.; EL Ghoul, W.S. and MorganH.(2014): Clinicopathological, Radiological and synovial Fluid Evaluations in common Musculoskeletal Affections in Horses. *Global Veterinaria* 13 (5):889-897, 2014.
- 2014 Reusken, C.B.; Farag, E. A.; Jones, M.; Godeke, G.J.; El-Sayed, A.M.; Pas, S. DRaj, V. S.; Mohran, K. A; Moussa, H. A.; Ghobashy, H; Alhajri F.; Ibrahim, A.K.;Bosch, B. J; Pasha, S. K; Al-Romaihi, H. E.; Al-Thani, M; Al-Marri, S. A; AlHajri,M; Haagmans, B. L. and Koopman, M. P.: (2014): Middle East Respiratory Syndrome Coronavirus (MERS-CoV) RNA and neutralising antibodies in milk collected according to local customs from dromedary camels, Qatar. *Eurosurveillance*, Volume 19, Issue 23, 12 June 2014, Rapid communications.
- 2014 Reusken, C. B.; Farag, E. A.; Haagmans, B. L.: Mohran, K.A.: Godeke, G. K.;Raj, S.: Alhajri, F.; Al-Marri, S.A.; Al-Romaihi,H.E.: Al-Thani, M.: Bosch,B.J;Eijk,A.A.: El-Sayed,A.M.:Ibrahim, A.K.:Al-Malawi,N. Müller, M.A: Pasha, S.K.; Drosten, C.; AlHajri, M.M; and Koopmans, M.P (2015): Occupational Exposure to Dromedaries and Risk for MERS-CoV Infection, Qatar, *Emerging infectious diseases* Vol. 21, No. 8, August 2015 1422-1425.
- 2013 Doha may, A.A.; Abdalla, M.S; Ibrahim, A.K.; Ahmed, K.A.; Mahran, K.A. and Mohamed R.S.(2013): The effect of lupines albums and hyphae thebaica on chromosomal aberrations and histopathological changes in liver and pancreas in streptozotocin-induced diabetic rats. *The Egyptian Journal of hospital medicine* Vol: (53), 763-769.
- 2013 Doha, A.A.; Abdalla, M.S; Ibrahim, A.K.; Mahran, K.A. and Mohamed R.S.(2013): The effect of lupines albums (terms) and hyphae thebaica (Doum) on some biochemical parameters in streptozotocin-induced diabetes. *the Egyptian journal of hospital medicine* Vol: (53), 789-794
- 2012 Sheimaa Abdelhamid; Hazem Saleh; Mohamed Abdel Hamid; Adel Gohar and Tareq Yousef (2012): Laser-induced modifications of Gold nanoparticles and their cytotoxic effect.(2012): *Journal of biomedical optics*17;(6) 1-7
- 2012 Abeer, A. Awad; Azaa Gouda; Dardir, H and Ibrahim A.K.(2012): Prevalence of some Milk-Borne Bacterial Pathogens Threatening Camel Milk Consumers in Egypt. *Global Veterinaria* 8 (1): 76-82, 2012
- 2012 Ibrahim, A. K.; Abeer, A. Abdel-All, and Amin, W.S. (2012): Long-term diagnostic studies for detection of *Brucella* spp. In milk samples. *Global Veterinaria* (1 ): 54-61, 2012
- 2012 Suzan, A. Amin, And Ibrahim AK.(2012): Effect of different plasma preparation on the proliferation and differentiation of rat dental stem cell. *Egy. Dental Journal* Vol (58)1403-1412 ISSN: 0070-9484
- 2011 Ibrahim, A.K.; Irene S. Gmail, Abd-El Baky, A.A. Manal M. Hussein, and Tohamy, A.A. (2011): Comparative Molecular and Conventional Detection Methods of *Babesia equi* (B. Equi) in Egyptian Equine. *Global Veterinaria* 7 (2):201-210, 2011.

- 2011 Hazem Mohammad Saleh, Ahmed Samir Shaker, Ali Mohamed Saafan, and Adel Khalil Ibrahim (2011): Herpes Virus Reactivation by Low-Intensity Diode and CO<sub>2</sub> Lasers Photomedicine and Laser Surgery Volume: 29: Number 2-2011; Pp.83-90.
- 2010 Khalid M. Farrah\*, Adel K. Ibrahim, Yakot A. Elsonosy (2010): Thymoquinone enhances the activities of enzymes related to energy metabolism in peripheral leukocytes of diabetic rats. Res. Vet. Sci. (2010), 88: 400-404
- 2010 Awad, W.S.; Ibrahim, A.K.; Mahran, K.; Farrah; K.M.; Mervet, I.A. (2010): Evaluation of different diagnostic methods for diagnosis of Lumpy skin disease in cows. Tropical Animal Health and Production, 2010 42: 777-783.
- 2010 Abeer Abdel-All, A.A.; Bashandy, M, M; Yasin M.H. and Ibrahim AK (2010): Assessment of Conventional and Molecular Features of Staphylococcus aureus Isolated from Bovine Milk Samples and Contact Dairy Workers. Global Veterinaria 4(2): 168-175.
- 2010 Ahmed, W.M.; Bashandy, M.M; Ibrahim, A.K.; SIA shalaby; Sherin AbdelMoez, I.; Foraggalla El moghazy, M. and Sally Ibrahim, R.E.: (2010): Investigation on delayed puberty in Egyptian buffalo heifers with emphasis on clinicopathological changes and treatment using GnRH (receptacle). Global Veterinaria 4 (1): 78-85.
- 2009 Awad, W.S.; Ibrahim, A.K.; Salib, F.A (2009): Using indirect ELISA to assess different antigens for the serodiagnosis of Fasciola gigantica infection in cattle, sheep, and donkeys. Research in Veterinary Science, 86 (3) 466-471. ISSN 0034-5288
- 2009 Hanan M. El-Hewariy; Awad, W.S.; Ibrahim A.K. (2009): Serotyping and molecular characterization of Escherichia coli isolated from diarrheic and in-contact camel calves. Egyp. J. of Comp. path. & clean. path. 22 (1): 215-232.
- 2008 Ibrahim, A.K.; Elklousy, M.M. and EL-Hewairy, H.M. (2008): Molecular and conventional studies on Staphylococcus aureus isolated from milk of sub-clinical bovine mastitis cases and associated dairy workers. Med. J Cairo Univ. Vol. 76, No 1 51-58.
- 2008 Ibrahim, A.K.; Salem, S. I.; El-Behairy, A.M. and Awad, W.S, (2008): Molecular, hematological and biochemical investigations on Salmonella-induced enteritis in cattle and buffalo calves. J Egypt. Vet. Med. Assoc., 68, (3): 65-81.
- 2008 Magdy A. Ghoneim, Ahmed F. El- Kirdasy, Adel K. Goher, Waheed M. Moussa, Salah S. El-Ballal, Ahmed A. Moussa (2008): Expression of cathepsin L1 gene of Fasciola gigantica in different developmental stages. Journal of applied sciences Research, 4(12): 2071-2078.
- 2007 Ibrahim A.K.; EL-Seedy, F.R., and Hassan; W.H. (2007): The role of corynebacteria phospholipase-D vaccine inactivation of macrophages. Beni-surf Veterinary medical journal Vol. 17, (1): 50-55.
- 2007 Ibrahim, A.K; Abdel-Monem I., Mervat; Awad, W.S, and Dardiri, M.(2007): Molecular and Conventional Diagnosis of Bovine Herpes Virus I In Cattle and buffaloes. 9th congress of Egyptian society for cattle diseases: 107-115.

- 2007 Ibrahim A.K. ; Amin, A.S. and Yasin, M.H. (2007): Diagnosis of Mycoplasma Bovis Infection by PCR and Dot Blot Hybridization Techniques. 9th congress of Egyptian society for cattle diseases: 160-168.
- 2006 Ibrahim, A.K., Ibrahim, I.G.A., Goheniun, M.A., Abdel All, Abeer, A. and Awad, W.S. (2006): Evaluation of Molecular and Conventional Brucellosis Diagnostic Methods Applied on Milk Samples Collected from Different Endemic Animal Populations. Proceeding Of The International Scientific Conference On Camel, Part II 434-425. 2006.
- 2006 Abeer. A. AbdelAll, Ibrahim, A.K., and Adel S. Amin (2006): Molecular assessment of camel milk adulteration with special reference to chemical and microbiological features. J. Egy. Vet. Med. Assoc., 66, 3, 7-23, 2006.
- 2006 Ibrahim, A.K.; Ahmed, S.A.; Dardiri, M.A., and Amin, A.S. (2006): Comparative studies on conventional and molecular assays used for Diagnosis of lumpy skin disease. J. Comp. Path. & Clinic. Path. 19, (3):227-239.
- 2005 Moussa, I; Ghoneium M; and Ibrahim A.K (2005): Rapid detection and characterization of Shiga-like toxigenic Escherichia coli (STEC) in bovine fecal and milk samples by multiplex PCR assays. J65.Vet. Med. Assoc. :(1):19-34.
- 2005 Ibrahim A.K.; Awad W.S.; Neserin Ezz Eldein; Naser Hegazi and Fahmy M.M.(2005): Molecular and conventional Diagnostic studies of equine Babesiosis caused by B.equi in Egypt. Egypt, Vet. Paras. J. Vol II (1) 232-243.
- 2004 Moussa I.; Awad W.S. and Ibrahim A.K. (2004) Using film A gene amplification assay for diagnosis of salmonella infection in diarrheic and contact calves. J. Vet. Med. Assoc. : 64(5): 81-90
- 2004 Yasin, M.H. Amin, A.S. and Ibrahim A.K (2004) Molecular Diagnosis of Bovine Mycoplasma mastitis. Proc. Of the 1st intern. Conf. Vet. Res. NRC 38-47.
- 2004 Ibrahim, A, I; Ibrahim A.K.; Alam, T.A.; Fathi, F. M. and Awadalla, S.A (2004): Haematological and immunological changes associated with the feeding of onion and or Garlic in broiler Muscovy ducks. 1st Sci. Conf. Fac. Vet. Med Moshtohor, Banha 309-321.
- 2003 Ibrahim A.K; Salem S.H; Dardiri M. and Shaker M (2003): Comparative Diagnostic Studies On Two Localized Epidemics Of Sheep Pox In Egyptian Delta. Egyptian J. Comp. Path. & Clinic. Path. 16, (2):137-157.
- 2003 Saleh, A.I. and Ibrahim A.K. (2003): Clinical, Hematological, Biochemical, Arterial Blood Gas Analysis And Acid-Base Changes Associated With Hypoventilation And Respiratory Diseases In German Shepherd Dogs. Vet. Med. J. Giza 51(2):235-344.
- 2003 Faten Baeyomi and Ibrahim A.K. (2003): Differential diagnosis Of Mycoplasma hominis and Ureaplasma Urealyticum Colonizing Cervicovaginal Mucus In Women Egyptian J of Appl. Sci. 18 (4B)751-765.

- 2003 Salem S.A. and Ibrahim A.K. (2003): Trails for the elimination of latent infection with BVD non-cytopathic strain from cell culture of bovine origin. Egyptian J. Comp. Path. & Clinic. Path. 14, (2):86-98.
- 2003 Ibrahim A.K; Salem S.H; Dardiri M. and Shaker M (2003): Comparative Diagnostic Studies On Two Localized Epidemics of Sheep Pox In Egyptian Delta. Egyptian J. Comp. Path. & Clinic. Path. 16, (2):137-157.
- 2002 Ibrahim A.K; Ibrahim I.G.; Ghoneium M.A. and Awad. W. S.: (2002): Evaluation of Polymerase Chain Reaction (PCR) and Conventional Brucellosis Diagnostic Techniques in Milk Samples From Different Animal Species. J. of Vet. Med. Asco 62 (2): 119-131.
- 2002 EL-Zomor S.T. and Ibrahim A.K.(2002): Tiletamine Zolazepam ( Zoletil) Anaesthesia in Dogs J. of Vet. Med. Asco 62(6b):311-322.
- 2002 Shamaa, A.A.; Zabady M.K; Ibrahim A.K. and Dardiri M.A.(2002): Xylazine and Metomedine As Pre-anesthetic To Sodium Thiopental In Dogs: Clinical and Laboratory Study. J. of Vet. Med. Asco 62 (6b): 179-192.
- 2001 Adel S Amin; Mohamed E. Hamdy; and Adel K. Ibrahim : (2001): Detection Of Brucella Melitensis In Semen Using The Polymerase Chain Reaction Vet. microbial. 83 (2001) 37-44.
- 2001 Ibrahim A.K; Ghoneium M.A.; Amin A.S.; Aboul Hassan D.G; and Selium S.A.(2001): Molecular diagnosis of bovine leukemia virus in the blood of dairy cattle using nested-PCR and dot blot hybridization in comparison to ELISA technique J. of Vet. Med. Asco 61 (3): 153-163.
- 2001 Makareta M.A. Elham A. El ebiary; Ibrahim A.K. and Fawzy HG. (2001) Detection Of Clostridium Hemolysin Gene In 10) Reference, Vaccinal and Isolated strains By Polymerase Chain Reaction. Egypt. Soci. for cattle disease 6th sci. cong. 230-233
- 2001 Ghoneium M.A.: Mousa W.; Ibrahim A.K; Amin A.S.; Khafagi A. and Selium S.A.(2001): Role of Hippobosca equina as a transmitter of C. pseudo tuberculosis among buffaloes as revealed by PCR and dot blot Hybridization. J. of Vet. Med. Asco., 61 (3): 165-176
- 2001 Ghoneium M.A.: Amin A.S.; Ibrahim A.K; Khafagi A.; Warda M. and Selium S.A.(2001): Cloning and Expression of Phospholipase D Gene from Three Different Isolates of C. pseudotuberculosis. Arab j. Biotech.4 (1)37-48.

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 **DECLARATION**

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I am declaring that, all above mentioned information is correct and i am responsible for declare all corresponding documents, certificates for validity on request

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