
Ekram Wassim Abd EL- Wahab

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Personal Profile

Ph.D in Molecular and Cellular Biology. Lecturer of Public Health-Tropical Health in communicable diseases, molecular biology, virology, and immunology and committed for postgraduate studies and research.

Areas of Expertise

- Teaching, tutoring and counseling
- Supervising postgraduate research (MA & Ph.D)
- Active participation in surveys, campaigns and convoys .
- Background in experimental animals. transgenic mice, Immunology, immunohistochemistry, flow cytometry, TEM, and bioinformatics.
- Gained during Ph.D good experience in molecular and cellular biology, tissue culture and molecular cloning, site directed mutagenesis, protein and RNA expression, preparation and purification, Protein-RNA interactions and fingerprinting, probings, RNA sequencing, cell isolation, virus transfection, isolation, RT-PCR, western blottind, immunofixation, immunodiffusion and percipitation, and others.

Thesis supervision

Currently a supervisor of two Doctorate and one master Theses entitled:

“Effect of insulin resistance on the virological response to the conventional HCV treatment among chronic HCV patients”

“Asthma action plan for bronchial asthma self management in adults”

“Prediction of coronary heart diseases using risk assessment chart”

Education

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| 01/2012 | Institute of Molecular and Cellular biology - Strasbourg University , Strasbourg-France
Ph.D in Molecular and Cellular Biology |
| 02/2007 | High Institute of Public Health - Alexandria University , Alexandria–Egypt
Master Degree (MA) in Public Health (Tropical Health Specialty, Grade Excellent |
| 09/2001 | Faculty of Medicine, Alexandria University , Alexandria–Egypt
M.B.Ch.B., (Bachelor Degree of Medicine and Surgery) , Grade of Excellent with Honour |

Thesis/Dissertation

Molecular Mechanisms Governing the Selective Packaging of HIV-1 Genomic RNA (2012)
Strasbourg University - France

Certifications & Credentials

- Licence of medical physician (no.152241) 2003-present
- Passed the American Graduate Record Examination (GRE)-2007 /SCORE -1030
- Obtained the International Computer Driving License (ICDL)-2007

Professional Experiences & Employments

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| 05/2012- present | High Institute of Public Health - Alexandria University , Alexandria–Egypt
Lecturer of Tropical Health |
| 09/2003-10/2008 | High Institute of Public Health - Alexandria University , Alexandria–Egypt
Demonstrator then Assistant lecturer of Tropical Health |
| 08/2004-03/2008 | The Health Insurance Organization , Alexandria–Egypt
Medical Physician |
| 07/2003-09/2003 | El-Kabary Medical and MCH Center , Alexandria–Egypt |

05/2003-07/2003	Medical Physician Luxor Public Hospital , Luxor–Egypt
03/2002-03/2003	Medical Physician Faculty of Medicine, Alexandria University , Alexandria–Egypt Medical Physician, House Officer practicing in Ophthalmology, E.N.T, General Surgery, General Internal Medicine, Gynecology and Obstetrics, Pediatrics, Emergency Medicine and Anesthesia departments.

Professional Courses and Certifications

- 3-6 March 2014, 1st Molecular Therapeutic Conference ; faculty of medicine, Alexandria University, Egypt.
- 17 November – 17 December 2013, the 18th ICCI course of the Japan International Cooperation Agency (JICA); workshop “Infectious Diseases: Updates on clinical and laboratory diagnosis”, Faculty of Medicine, Suez Canal University, Egypt
- 3-5 November 2013, Oyoum Mousa on the Red Sea, Egypt, Third National Conference on Youth and Adolescents Health of the Egyptian Family Health Society (EFHS).
- 2-4 July 2013, Alexandria Research Center for Adaptation, Workshop on How to develop a Project Proposal.
- 4-6 February 2013, Medical Research Institute – Alexandria university, Workshop on microwave processing techniques for Transmission Electron Microscopy
- 7-8 November 2012, Bibliotheca Alexandrina, Alexandria-Egypt, 5th International conference on “challenges facing health”
- 10-11 September 2012, Bioinformatic workshop. Pharos university - Egypt.
- 26-28 June 2012, Medical Research Institute, Alexandria university, Workshop on cell culture and basics of stem cell research.
- 10 June 2012, Pole Api, Strasbourg university- France, Forum Biotechno 2011.
- 28-30 May 2012, Workshop on methods for student evaluation. High Institute of Public Health- Alexandria University.
- 28-29 April 2012, Institute Pasteur, Paris, France. Poster presentation (Pr55Gag mediates selective packaging of HIV-1 genomic RNA) in the XIII^{me} Journée Francophone de Virologie.
- 22-24 April 2012, Medical Research Institute, Workshop on Immuno-histochemical Techniques.
- 18 March 2012, assistant in the medical convoy held in Alexandria-Egypt., High Institute of Public Health-Alexandria University.
- 6 February 2012, faculty of medicine, Strasbourg University, France- Biotechnology and application of antibodies.
- 16-17 Jan 2012, IGBMC, Strasbourg University, France- Congenital disorders and their embryonic origin.
- 22-23 november 2011, Centre National de la Recherche Scientifique (CNRS) Strasbourg – France- Adobe Illustrator.
- May 2011, Institut Clinic de la Souris, IGBMC, Strasbourg University- France - Insight from In vivo studies, Generation and phenotyping of genetically engineered mouse models.
- 10-11 Jan 2011, College Doctoral European, Strasbourg - France All roads lead to RNA: news and perspectives.
- 5-6 November 2010, Strasbourg University- France -WorkShop “Patent, Trademark, Design: Intellectual Property Rights - An Introduction and Practical Guide”
- 24-25 June 2010, Faculty of Medicine, Strasbourg University - France - Mass Spectrometry: the future technology in Forensic, Medical, and Microbiological Genetics.
- 15 April 2010, URFIST, Strasbourg- France: L'utilisation des cartes heuristiques.
- 10 Novembre 2009, VLES, Strasbourg university- France. Journe Darwin: 150 aprs l’origine des espèces”.
- 23-25 September 2009, EBSB, Strasbourg university- France- ‘BIOINFORMATICS in post genomic era’ WORKSHOP.
- 8-13 December 2007, Bioinformatics Workshop. "Computer Methods in Molecular Biology" - CSSP- Bibliotheca Alexandrina. Egypt.

2004-2007 and 2012, Regular participation in workshops organized in the Faculty members and Leadership Development Center (FLDC) for improving the capabilities of university staff members in Communication Skills, Thinking Skills, Effective Teaching, Conference Organization, The Use of Credit Hour System in Teaching, Teaching with Technology, Research Methodology, The Code of Ethics, quality assurance in teaching and Electronic learning, international scientific research publishing.

Conferences

May 2011.

Ekram W. Abd El- Wahab. HIV-1 Pr55gag mediates selective recognition of the viral genomic RNA. Poster presentation in the XIII^{me} Journée Francophone de Virologie. Institute Pasteur, Paris, France.

19-24 May 2014

Serena Bernacchi, **Ekram W. Abd El-Wahab**, Redmond P Smyth, Marcel Hijnen, Johnson Mak, Jean-Christophe Paillart, Roland Marquet. Early steps in HIV-1 assembly process: how the Pr55Gag precursor selects specifically the genomic RNA. Retroviruses Meeting. **Cold Spring Harbor Laboratory, USA.**

10 July 2014

Ekram W. Abd El- Wahab. Specific recognition of HIV-1 genomic RNA by the precursor Gag. The international young investigator seminar in retroviruses and host responses. International research center for Medical research, Kumamoto University, Japan

1-3 October 2014

Ekram W. Abd El- Wahab. Molecular Mechanisms governing the Specific recognition and the selective encapsidation of HIV-1 genomic RNA by the precursor Gag. 15th Kumamoto AIDS Seminar. Kumamoto University, Japan

Publications

1. **Ekram W. Abd El-Wahab**, Ashraf Mikheal, Fathallah Sidkey, Hanan Z. Shatat. Insulin resistance as a predictor of early virological response to HCV therapy among chronic HCV Egyptian patients. *JMV*. In Press
2. **Ekram W. Abd El-Wahab**, Ashraf Mikheal, Fathallah Sidkey, Hanan Z. Shatat. Factors Associated with Hepatitis C Infection among Chronic HCV Egyptian Patients *IJPH*. 2014;43(11):1510-18.
3. **Ekram W. Abd El-Wahab**, Redmond P. Smyth, Serena Bernacchi, Marcel Hijnen, Fabrice Jossinet, Johnson Mak, Jean-Christophe Paillart & Roland Marquet. Specific Recognition of the HIV-1 genomic RNA by the Gag precursor. *Nat Commun*. 2014 Jul 2;5:4304. doi: 10.1038/ncomms5304.
4. Engy Mohamed El-Ghitany, Moataza Abdel Wahab, **Ekram Wassim Abd El- Wahab**, Azza Galal Farghaly. A comprehensive hepatitis C virus risk factors meta-analysis (1989-2013); Do they differ in Egypt?. *Liver Int*. 2014. In press. LIVint-14-00319
5. **Ekram W. Abd El- Wahab**, Safaa M. Eassa, Sameh E. Lotfi, Sanaa A. El Masry, Hanan Z. Shatat, and Amira M. Kotkat. Adverse health problems among municipality workers in Alexandria (Egypt). *International Journal of Preventive Medicine*. 2014;5(5):545-56.
6. Engy M. El-Ghitany, Amany M. Abaza, Sherif R. Omar, Ezzat M. Hassan and, **Ekram W. Abd El- Wahab**. Trends in the epidemiology of brucellosis in a highly burdened region in Egypt: A 16 year experience (1997-2012). *International Journal of TROPICAL DISEASES & Health*. 2014;4(2):250-71.
7. Sherif R. Omar, Ezzat M. Hassan, Bayoumi A. Ghareeb, **Ekram W. Abd El- Wahab**. Study of acute leukaemia in children: impact on patients and their families, utilization and satisfaction with health services in Alexandria – Egypt. *Bulletin of High Institute of Public Health* 2007;37(1).
8. Sherif R. Omar, Ezzat M. Hassan, Bayoumi A. Ghareeb, **Ekram W. Abd El- Wahab**. Demographic characteristics and history of risky exposure among acute leukaemic children in Alexandria – Egypt. *Bulletin of High Institute of Public Health* 2006;36(4).

Affiliation

- Tropical Health department - High Institute of public Health - Alexandria University, Alexandria-Egypt.
- Doctor of the Strasbourg University, Strasbourg – France.

Awards & Grants

- Fellowship of the Egyptian ministry of Higher Education and Scientific Research (2008-2012), for obtaining a Ph.D degree in molecular and cellular biology from a French laboratory (Strasbourg university-France).
- Researcher in project No. 3469 STDF (2012-2014) (Development of reliable and cost effective tool for screening and early early detection of hepatitis C in Egypt).
- PI in project No. 6385 STDF (2013-2014) (Analysis of the effect of antiretroviral agents on viral replication in the newly identified *bona fide* HIV-1 host reservoir cells "Fibrocytes"
- Fellowship of the Egyptian ministry of Higher Education and Scientific Research (2014-2015), for a postdoctoral research in molecular and cellular. (Centre Mediterranee de Medicine Moleculaire-Sophie Antoplis university-NiceFrance).

Community Involvement

- Editorial board of journal of high institute of public health. 2012-Present.
- Member of the Ethics Committe of High Institute of Public Health-Alexandria University, 2013.
- Member of the Institutional Review Board of the High Institute of Public Health-Alexandria University, 2013-present.
- Active participation in the annual Health surveys conducted by the High Institute of public Health-Alexandria University for more than 5 years (2003-2007) and in 2012.
- Active participation in a medical convoy held in rural areas conducted by the High Institute of public Health - Alexandria University in March 2012.

Personal & Interests

Name: Ekram Wassim Abd EL-Wahab

Gender: Female

Date & place of Birth: 13/8/1977, Cairo - Egypt

Languages: Arabic (mother tongue), English (fluent/speaking, writing reading, passed INTERNATIONAL TOEFL test (IBT) 2007), French (fluent/speaking, writing reading, passed DELF B1 test 2008 plus 4 years stay in France (2008-2012))

Hobbies: Traveling, Drawings, and Reading