

Curriculum Vitae

Personal Data

Name: EmanRefaatYouness

Adress: El Behouth st.Cairo,Egypt

Present profession: Medical Biochemistry, National Research centre

Scientific Degree

***B.Sc : Very Good** – Faculty of Science, Biophysics Department,
CairoUniversity, (May 1985).

*** M.Sc:** Medical Biochemistry, Faculty of Medicine, Cairo University,(1993).

M.Sc. Thesis Entitled: "Salivary caffeine Following an Oral Load As Indicator For Liver Function."

M.D. Thesis Entitled: " Protective Role of Antioxidants in Breast Cancer".

Scientific Societies and Units

- Member in Arab society of medical research.
- Member in International society of nephrology (ISN).
- Member in Egyptian Research society of Liver diseases.

- Member in Medical Biochemistry Unit, National Research Centre.

Research Projects

Research Projects

- 1-** Participate in Internal project under the theme " Oxidative stress in chronic diseases as measured by sensitive biomarkers".(member)(2008-2010).
- 2-**Participate in Internal project under the theme "Role of cell membrane fatty acids in insulin sensitivity in streptozotocine induced diabetic rats".(member)(2010-2013).
- 3-**Participate in Internal project under the theme "The Impact of fish oil and alcoholic extract of myrtle plant on the regeneration of endothelial dysfunction in ovariectomized diabetic rats" ,(member) (2013 – 2016).
- 4-** Participate in Internal project under the theme "Identification of Biomarkers for Subtle Brain Injury Following Cannabis and/or Tramadol Abuse", member (2013 – 2016).
- 5-** Participate in Internal project under the theme "New drug discovery for breast and prostate cancer from medicinal plants cultivated under Egyptian conditions and polysaccharides from natural sources", member (2013 – 2016).
- 6-**Participate in Internal project under the theme"Body adiposity phenotypes, dietary intake,adiponectin gene variant-metabolic markers and obesity related diseases) (2013 – 2016).

- 7-** Participate in Internal project under the theme "New treatment strategy for cancer evaluation of nanoparticles of novel hybrid steroidal curcumin derivatives as chemotherapeutic and pro-apoptotic (2013 – 2016).
- 8-** Participate in Internal project under the theme " A study of some natural food compounds that have probiotic properties which do not have this feature on diabetics of type II in terms of pathological etiology as well as its potential in the treatment) (2013 – 2016).
- 9-** Participate in Internal project under the theme " Inflammatory and oxidative stress biomarkers among obese premenopausal women with metabolic syndrome and their role in the disease complications" (2016 – 2019).
- 10-** Participate in Internal project under the theme " Docosahexaenoic acid encapsulated zinc oxide nanoparticles regulates insulin signaling pathway and glucose transport in experimental Diabetes" (2016 – 2019).
- 11-** Participate in Internal project under the theme "The accuracy of circulating microRNAs as non-invasive biomarkers in the diagnosis of colorectal cancer using a stepwise carcinogenesis mouse model" (2016 – 2019).
- 12-** Participate in Internal project under the theme " Natural Products for Treating Alzheimer's disease; Alternative approach"" (2016 – 2019).
- 13-** Participate in Internal project under the theme "Using Salusins, adropin and irisin as promising biochemical new markers for non-alcoholic fatty liver and atherosclerosis in rats suffering from metabolic syndrome: Irisin impact as a possible therapeutic agent."(2016 – 2019).
- 14-** Participate in Internal project under the theme "Amelioration of drug nephrotoxicity using nanoparticles polymers " (2016 – 2019).
- 15-** Participate in Internal project under the theme "Physiological investigation of some oils in chronic mild stress as depressed animal model using metabolomics technique" (2016 – 2019).

16-Participate in Internal project under the theme "Bone mass among Overweight and Obese Women: Mechanism and Intervention. "(2016 – 2019).

17-Participate in Internal project under the theme "The modulatory effect of Brassica oleracea extract on the miRNA network controlling the Epithelial-Mesenchymal transition and cancer stemless in Breast Cancer. "(2016 – 2019).

18-Participate in Internal project under the theme "Study of the causes of iron overload accumulation in children with sickle cell disease to develop the treatment protocol

19-Participate in Internal project under the theme "Early indications of kidney injury in obese adults.

Scientific Conferences

1- Attended in the Annual Scientific Meeting under the theme of "Diabetes Update" on May 7th 2008.

2- Attended in the Annual Scientific Meeting under the theme of " Recent Advances in Liver Diseases" on April 27th 2009.

3- Attended the Annual congress of allergy and Immunology organized by the Egyptian Society of Allergy and Immunology held on November 19th 2009, Cairo, Egypt.

4- Attended in the 8th International conference of Medical Research Division under the theme of "Recent Trends in Endocrinal Disorders" in National Research Center on December 21-23, 2009.

5- Attended in the Annual scientific conference on under the theme of "Transfusion medicine & Quality updates: Revolution not Evolution on October 24, 2010.

6- Attended in the Annual scientific conference on under the theme of "1st International conference of human genetics and genetics and genomics challenges for proper health on November 8- 10, 2010.

7- Attended in the Application of synchrotron radiation in structure determination from power data on January 18, 2011.

8- Attended in the Fifth Annual Scientific Meeting under the theme of "Hepatogastroenterology in Theodor Bilharz Research Institute & Beaujon Hospital (France)" on May 29th 2011.

9- Attended in the 2nd Annual Meeting under the theme of "Towards Egyptian Guidelines for HCC" on June 1- 2, 2011.

10- Attended in the 8th Annual conference under the theme of "Gut and Liver" on October 12-13, 2011.

11- Attended in the Seventh conference of Diabetes and Endocrinology in Childhood and adolescence under the theme of "Type 1 Diabetes in children & adolescents" on October 13th, 2011.

12- Attended in the First conference of Endocrinology on November 17th, 2011.

13- Attended in the 13th Annual congress of Egyptian Society of Pancreatic Islet Transplantation Research for Diabetic patients on 23-24 November, 2011.

14- Attended in the 11th Annual conference for Laboratories on 17-18 December, 2011.

15- Attended in the 29th Scientific congress of ESNC on February 8-11, 2012.

16- Attended in the 10th Annual International conference of Egyptian Association for the Study of Liver and Gastrointestinal under the theme of "New Perspectives of Hepatogastroenterology" on March 7 – 9, 2012.

17- Attended in the 10th Annual International conference of Egyptian Association for the Study of Liver and Gastrointestinal under the theme of "New Perspectives of Hepatogastroenterology" on March 7 – 9, 2012.

18- Attended in the 12th Annual congress of the Egyptian society of pediatric nephrology & transplantation "on April 18 – 20, 2012.

19- Attended in the Annual congress of Egyptian Neuropediatric society on May 10 – 11, 2012.

20- Attended in the 9th Annual conference of Diabetes (Gut and Liver). "On September 26 – 27, 2012.

21- Attended in the 4th Diabetic Foot conference of the Egyptian society of diabetic foot. "On October 11 – 12, 2012.

22- Attended in the 4th Annual conference of National Hepatology & Tropical Medicine Research Institute. "On October 17 – 18, 2012.

23- Attended in the 4th Annual congress of the Egyptian group for the research and medicine. "On November 8, 2012.

- 24-** Attended in the 14th Annual congress of the Egyptian society of pancreatic Islet transplantation research for diabetic patients "on November 21 – 22, 2012.
- 25-** Attended in the 10th Annual congress of the Medical science; "Medical Research towards Healthy Society "on January 14 –16, 2013.
- 26-** Attended in the 11th Annual International conference of the Egyptian Association for the Study of Liver and Gastrointestinal Diseases; New Perspectives of Hepatogastroenterology" on March 26 – 28 , 2013.
- 27-** Attended in Tuberculosis, current situation and challenges on April, 7, 2013.
- 28-** Attended in the 5th Annual congress of the Egyptian group for the Research and Medicine "on June, 6, 2013.
- 29-** Attended in recognition of activity participation in "National survey for the evaluation of the Egyptian program for Hepatitis B Virus Vaccination on June 23, 2013.
- 30-** Attended in the 10th Annual conference of Diabetes (Gut and Liver) ; Managing Diabetes & Liver Disease Association Guidelines Development. On September 18 – 19, 2013.
- 31-** Attended in the 5th Diabetic Foot conference of the Egyptian Society of Diabetic Foot (ESDF). On October 3 – 4, 2013.
- 32-** Attended in the 1^{5th} Annual conference of Egyptian Society of Pancreatic Islet Transplantation Research for Diabetic Patients. on November 20 – 21, 2013.
- 33-** Attended in the 11th Annual congress of Medical Science: Updates on Infant and Child Nutrition in Egypt: on December 17th, 2013.

34- Attended in the 11th Annual congress of Medical Science: Importance of Clinical Pharmacology: A Link between physician and pharmacist In parallel to, on December 19th, 2013.

35- Attended and participated in the Symposium of "Standard and Ethics of the International Publication". On February 9, 2014.

36- Attended in the International congress of Egypt for Hepatogastroenterology [ICEHG] on March 18th - 20th 2014.

37- Attended in the 18th Pan Arab conference on Diabetes on March 25 -27 , 2014.

38- Attended in the Hepatology on the Nile 2 on September 24 -25 , 2014.

39- Attended in the 9th Annual conference of Arabic Association for the study of Diabetes and Metabolism on October 13 -14 , 2014.

40- Attended in the 2nd Annual conference of Emergency Medicine on October 16 - 17 , 2014.

41- Attended in the 2nd Annual conference of Embaba Fever Hospital on November 13 -14 , 2014.

42- Attended in the 16th Annual conference of Egyptian Society of Pancreatic Islet Transplantation Research For Diabetic Patients on November 19 -20 , 2014.

43- Attended in the 12th Annual conference of Medical Sciences on December 17 , 2014.

44- Attended in the 11th Annual Meeting of Egyptian Medical Association For the Study of Obesity on February 26 -27 , 2015.

45- Attended in the Annual Meeting of ESPCR on February 27 -28 , 2015.

46- Attended in the 13th Conference of The Egyptian association for the Study of Liver and Gastrointestinal Diseases on March 3 -5 , 2015.

47- Attended in the First Annual international conference of obesity,nutrition on 12th march , 2015.

48- Attended the course of introduction to genetics on April , 2015.

49- Attended the annual Conference for the Egyptian Society of Chest Disease& Allergy, Diffuse Parenchymal Lung Diseases, A Dilemma of Interest, ESCA on 15th-16th April , 2015.

50- Attended the seminar entitled open-array technology and its applications on 17th April , 2015.

51- Attended in the 19th Annual conference for Egyptian society of chest diseases, allergy& diffuse Parenchymal lung diseases; A Dilemma of interest For the Study of Obesity on February 26 -27 , 2015.

52- Attended in the 7th A mage Congress of the African East Association of Gastroenterology (AMAGE) on March 3 - 5 , 2015.

Attended in the 12th Annual conference " Diabetes: Gut and Liver"on September 2 -3 , 2015.

53- Attended in the 17th Annual congress of Egyptian society of pancreatic Islet Transplantation Research for Diabetic Patients on November 4 - 5 , 2015.

54- Attended in the 14th Annual International Congress of The Egyptian Association for the study of Liver and Gastrointestinal Diseases on 2 - 4 March , 2016.

55- Attended in the International Conference of the Arab Society Therapeutic Nutrition and Complementary Medicine on March, 23 - 24 , 2016.

56- Attended in the Armed Forces Medical Services and Military Medical Academy; Early Detection of Hepatocellular Carcinoma on March 31st , 2016.

57- Attended in the 12th Annual conference “ Diabetes: Gut and liver” on September 2 - 3 , 2016.

58- Attended in the 8th Annual congress of National Hepatology & Tropical Medicine Research Institute [NHTMR] on September 28 - 29 , 2016.

59- Attended in Hepatology On The Nile 4 on October 5 - 6 , 2016.

60- Attended in the 18th Annual congress of Egyptian society of pancreatic Islet Transplantation Research for Diabetic Patients on November 2 - 3 , 2016.

61- Attended in the 2rd International conference of the Arab Society of Therapeutic Nutrition and Complementary Medicine on March 23 - 24 , 2016.

62- The Armed Forces Medical Services and Military Medical Academy: Early Detection of Hepatocellular Carcinoma. Towards A National Consensus. on March 31 , 2016.

63- Attended the Hepatology On The Nile 4: Advances in Liver Disease 2016 " World Expert" Review on October 5-6, 2016.

64- Attended in the 15th Annual International congress of Egyptian Association for The Study of Liver and Gastrointestinal Diseases on March 15 - 16 , 2017.

65- Attended in "the 9th Breast- Gynecology & Immunology International Cancer Conference" on January 19 - 20 , 2017.

66- Attended in the 2nd Conference- Child Health Department, National Research Centre" Towards a Healthy Child" on March 23 , 2017.

67- Attended in the "4th Annual International Conference for the Arab Society of Therapeutic Nutrition & Complementary Medicine" on April 6 , 2017.

68- Attended in the "The Egyptian Association for the study of Liver and Gastrointestinal Diseases" on September 27 - 28, 2017.

69- Attended in the Scientific activities of the conference as one of the registered delegates on October 10 - 12, 2017.

70- Attended in the International Conference/ Humboldt Kolleg : Science and Management For Sustainable Development on October 24 - 26, 2017.

71- Attended in the " Child Health Priorities in Egypt" on November 9, 2017.

72- Attended in the Hepatology on the Nile 5. postgraduate Course on November 15 - 16, 2017.

73- Attended in the 5th Annual conference of Ain Shams Tropical Medicine Department on November 21 - 23, 2017.

74-Attended in the 7th Annual conference of Egyptian Society of Liver Cancer (ESLC) on December 20 - 21, 2017.

74-Attended in the 10th Breast- Gynecological & Immunooncology International Cancer conference of Ain Shams Tropical Medicine Department on January 18 - 19, 2018.

75-Attended in the Annual conference of, Department of Clinical Oncology & Nuclear Medicine, Kasr Al Ainni, Cairo University. on March 14 - 15, 2018.

Workshops

1-Attended in the workshop entitled "Ethical Profile of Medical Research in National Research Center on March 18th, 2007.

2- Attended in the workshop entitled "Comet Assay in National Research Center on December 22nd, 2009.

- 3-** Attended in the workshop entitled "Formulation and writing project proposal in National Research Center on May 30nd, 2010.
- 4-** Attended in the workshop entitled "The leading brand in non invasive Aesthetic treatment in National Research Center.
- 5-** Attended in the workshop entitled "A New Era of Genetic Diseases in National Research Center on October 3-4, 2010.
- 6-** Attended in the workshop& meeting of the Annual meeting of the department of dermatology, Venereology & Andrology on April 5th, 2012.
- 7-** Attended in the 10th Annual congress of the Medical science; in workshop of "Towards a Compensated Respiratory System in asthmatic Children "on January 15, 2013.
- 8-** - Attended in the 10th Annual congress of the Medical science In recognition of attending and participating in workshop of "Research Methodology – Type of study Design "on January 16 –17, 2013.
- 9-** Attended in workshop titled "Updates in Cancer Management with Focus On Molecular Techniques "on January 16, 2013.
- 10-** Attended In recognition of attending and participating in workshop of "Data Statistical Analysis Using SPSS program; Statistical Basic and Practical Application on March 31, 2013.
- 11-** Attended in the Workshop Titled The Leading Brand in Non Invasive Aesthetic Treatment.
- 12-** Attended In workshop entitled Updates in Cytopathology of the Female Genital Tract " on December 18- 19 , 2013.

13- Attended In workshop entitled Sampling and Study Design on November 16 , 2015.

14-Attended In workshop entitled "Using of Technological Applications in Children Medicine". on November 23 , 2016.

15- Attended In Symposium entitled" Improving Patients' Safty;Quality is a Life Style. on February3rd , 2016.

16- Attended In workshop entitled "Vitiligo: Medical and Surgical Approach". on October 13 , 2016.

17- Attended In workshop entitled "Research Quality Performance workshop,Research Funding & Collaboration workshop ". Clarivate Analytics.on September, 2018.

Training Courses

Teaching

1- Sharing in training of Students of faculty of science from 14/7/2010 to 11/8/2010.

2- Sharing in training of Students of faculty of science on July 3 – 28, 2011.

- 3-** Sharing in training of Students of faculty of science on July 3 – 28, 2011.
- 4-** Sharing in training of Students of faculty of science from 1/7/2012 to 22/7/2012.
- 5-** Sharing in training of Students of faculty of science from 26/8/2012 to 16/9/2012.
- 6-** Sharing in training of Students of faculty of science from 2/9/2012 to 9/9/2012.
- 7-** Sharing in training of Students of faculty of science from 2/9/2013 to 16/9/2013.
- 8-** Sharing in training of Students of faculty of science from 2/9/2013 to 16/9/2014.
- 9-** Sharing in training of Students of faculty of science from 2/8/2015 to 30/8/2015.
- 10-** Sharing in training of Students of faculty of science from 17/6/2016 to 9/8/2016.
- 11-** Sharing in training of Students of faculty of science from 14/6/2016 to 23/8/2016.
- 12-** Sharing in training of Students of faculty of science from 5/7/2017 to 16/7/2017.

Attendance

1-Attended in training course of Basics of Scientific Presentation in National Research Center on June 11-20,2007.

2- Attended in training course of Safety and Occupational Health in National Research Center on October 12-16,2008.

3- Attended in training course of Heart, Arteries, Diabetes and the role of medical analysis in early diagnosis of the disease and follow up in National Research Center on March 6- 9, 2011.

4- Attended in training course in How to preserve your kidney in National Research Center on March 17, 2011.

5- Attended in training course in polymerase chain reaction PCR in National Research Center on April 17- 21, 2011.

Thesis supervision

1- Supervision on Master degree entitled "Assessment of resistin and leptin as a link between obesity and insulin resistance diabetes. By Amira Mohamed A.Gawwad .Department of Biochemistry, Faculty of Pharmacy , Cairo University. 2010.

2- Supervision on Master degree entitled "Estimation of serum level of 25 hydroxy vitamin D in Patient with alopecia Areata" by Shahenda Ahmed Ramez . Department of Dermatology and Venereology, Faculty of Medicine, Cairo University.2011.

- 3-Supervision on Master degree entitled "Asymmetric dimethyl argentine in children and adolescents with type 1 diabetes mellitus. by Nada Nagy Ahmed .Department of Child Medicine, Faculty of Medicine, Cairo University. 2012.
- 4- Supervision on Master degree entitled "Salivary Immunoglobulin A among a group of Children with Early Childhood Caries versus Caries Free Children and their corresponding Mothers. ByEman Ahmed .Department of Pediatric Dentistry, Faculty of Oral& Dental Medicine , Cairo University. 2012.
- 5- Supervision on Master degree entitled "Relattionship between body mass index, blood level of testosterone and femal sexual desire at various age groups. By HalaSalehHamdy .Department of Dermatology and Venereology, Faculty of Medicine, Zagazig University.
- 6- Supervision on Master degree entitled "Oxidative status among Egyptian children with sickle cell Anemia. By Ahmed Adel .Department of Pediatric Medicine, Faculty of Medicine, Cairo University. 2012.
- 7- Supervision on Master degree entitled "Relationship between Total Salivary Antioxidant Capacity and Caries Experience in a group of Egyptian Children". By Mariam Mohsen Ali..Department of Pediatric Medicine, Faculty of Oral & Dental Medicine, Cairo University. 2013.
- 8- Supervision on PHD degree entitled "Relation of Interleukin-receptor antagonist with c- peptide in children with type 1 Diabetes Millitus. ByReham Faisal ., Faculty of Medicine, Ain Shams University 2014.
- 9- Supervision on PHD degree entitled "Investigation of the Effect of Bee Venom in a Model of Parkinson's Disease in Mice. ByHanaa Mohamed Mahmoud ., Faculty of Pharmacy, Cairo University 2014.
- 10- Supervision on MD degree entitled "Clinical and Hematological Effects of Zinc supplementation to Egyptian Patients with Sickle Cell Disease . byNahla Ahmed Mohamed ., Faculty of Medicine, Cairo, University 2014.

- 11- Supervision on Master degree entitled "Relation the Protective Role of Flaxseed Oil & Vitamin E against Monosodium glutamate Toxicity in Albino rats. ByDoaaSabry El- Behairy. Faculty of Medicine for girls, Al-Azhar University2014.
- 12- Supervision on Master degree entitled "Effect of coenzyme Q10 alone or in combination of vitamin C on lipopolysaccharide induced brain injury in rats. by Mahmoud Mabrouk ., Faculty of Science, Helwan University 2015.
- 13- Supervision on PH.D degree entitled "Evaluation of Tropical delivery of methotrexate combined with fractional erbium: YAG Laser in the Treatment of plaque psoriasis. Shahenda Ahmed Ramez . National Institute of Laser science, Faculty of Medicine, Cairo University.2015.
- 14- Supervision on PH.D degree entitled "A study of Zinc, DNA damage and phototherapy in term Neonates with hyperbilirubinemia" by EmanSayed El Shony.Institute of Childhood Studies.Ain Shams University.2017.
- 15- Supervision on Master degree entitled" Effect of vitamin E on oxidative stress indicated by serum Malondialdehyde and paroxonase level in type 2 diabetes mellitus with retinopathy. By Maha Abdel- Wahhab Rezq Hamayel.Faculty of Medicine,Al-Azhar University 2018.
- 16- Supervision on Master degree entitled" Serum Beclin 1 in HCC: Correlation with oxidant and anti-oxidant. By Zeinab Abdo Mohamed Abdo.Faculty of Medicine,Al-Azhar University 2018.
- 17- Supervision on Master degree entitled" Evaluation of Urinary Podocyte level As Non- Invasive Biomarker in Lupus Nephritis. By Sham Fathy Mohamed Mohamed.Faculty of Medicine,Al-Azhar University 2018.

Other Activities

- 1) Reviewer in Toxicology Mechanisms and Methods journal

- 2) Reviewer in Macedonian Journal of Medical Sciences
- 3) Reviewer in AAPS PharmSciTechjournal
- 4) Reviewer in Current Rheumatology Reviewsjournal
- 5) Reviewer in Austin Rheumatology journal
- 6) Reviewer in British Journal of Medicine and Medical Research
- 7) Reviewer in Journal of Applied Pharmaceutical Science
- 8) Reviewer in African Journal of Biochemistry Research
- 9) Reviewer in Journal of Medicinal Food.
- 10) Reviewer inJournal of Applied Pharmaceutical Science.
- 11) Reviewer in International Research Journal of Medicine and Biomedical Sciences.
- 12) Reviewer in Journal of Austin Rheumatology.
- 13) Reviewer in Journal of Microbiology and Antimicrobials.
- 14)Reviewer in International Journal of Modern Biological Research.
- 15)Reviewer in Journal of BMC Research Notes.
- 16)Reviewer in African Journal of Microbiology Research.
- 17)Reviewer in African Journal of Pharmacy and Pharmacology.

Editorial Board

- 1) Member in the editorial Board of Journal of Natural Product and plant Resources.
- 2) Member in the editorial Board of Journal of Der Pharmacia Lettre.
- 3) Member in the editorial Board of Journal of Annals Annals of Pediatrics.
- 4) Member in the editorial Board of Journal of SM Bone and Joint Diseases.
- 5) Member in the editorial Board of Journal of Hypertension and Immunotherapy.
- 6) Member in the editorial Board of ARC Journal of Nephrology.
- 9) Member in the editorial Board of Journal of Pediatrics and Child Health.
- 10) Member in the editorial Board of Advancements in journal of Urology and Nephrology.
- 11) Member in the editorial Board of Biomedical and Pharmacology journal.

Prizes

- Certificate of Appreciation for Research Outputs 2012.
- Certificate of Appreciation for Research Outputs 2013.
- Certificate of Appreciation for Research Outputs 2014.
- Certificate of Appreciation for Impact Factor 2014.

