# **CURRICULUM VITAE**

# **Professor**

# **Amr Ahmed Moustafa**

# **2023**

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| ***E:\vi.folder\w\2020\مقترح  عمادة\2020\c.v\IMG-20201111-WA0005.jpg*** |  | I. Education |
|  | 1-B.Sc. degree four years from Faculty of Agriculture, Cairo University in Agricultural Biochemistry with an average grade “Excellent with honor” at June-1986.  2- M.Sc. degree in Agricultural Biochemistry from Faculty of Agriculture, Cairo University at June-1990, entitled "Biochemical studies on some vitamins”.  3- Ph.D. degree in Agricultural Biochemistry from Faculty of Agriculture, Cairo University at January-1996, entitled "Biochemical studies pathogenic viruses of plant**”.** |
| |  | | --- | | Amr Ahmed Moustafa Professor of Biochemistry Personal Data: Address ( work) : Dept. of Biochemistry, Faculty of Agriculture,Cairo University, Giza,Egypt.  Date of birth : 26-06-1964.  Nationality : Egyptian. CONTACT PHONE:  +(02)0123564757  EMAIL:  [amr.mostafa@fldc.cu.edu.eg](mailto:amr.mostafa@fldc.cu.edu.eg) | |  | II. Employment Agenda: |
|  | * Demonstrator of Biochemistry 1986. * Assistant Lecturer of Biochemistry 1990. * Lecturer of Biochemistry 1996. * Associate professor of Biochemistry 2001. * Professor of Biochemistry 2006. |
|  | III. Administrative positions and supervision: |
|  | 1. Executive member of the Holding Company for Maritime and Land Transport since 24/7/2023. 2. The non-executive Chairman for the Holding Company for Maritime and Land Transport since 22/8/2022 till 24/7/2023. 3. Dean of faculty of agriculture, Cairo University since 17/12/2017. 4. Member of the Selection Committee of the leadership positions in the General Egyptian Book Organization since 14/11/2019 5. Director of the Center for the development of the capacity of faculty members and leaders at Cairo University 9/11/2010 and till now. 6. Member of the Committee for the recruitment of Engineers in the Department of Egypt Railways as of 29/9/2011. 7. Member of the Special Committee on the Study of Publication on behalf of Cairo University Both externally and internally loaned.. 8. Member of the Special Committee to study the allocation of (1%) of income from incoming students as a reward to the staff of the General Department of Education and its collaborators with the University as of 21 April 2019 9. Chairman of the Executive Committee, Steering Committee of the Center of Excellence for Agriculture project as of 28/3/2019. 10. Member of the Technical Error Review Committee of the Memorial number of the Crescent of Cairo University 23/1/2019 11. Director of the Center for the development of the capacity of faculty members and leaders of Cairo University from 9/11/2010 to the end of 2018. 12. Member of the committee of selecting leadership positions in Banha University 15/5/2019. 13. Member of the Egyptian board of directors for Nano technology in Cairo University 20/1/2019. 14. Vice-Chairman of the board of directors of the Cities Youth Centers, decided by the Minister of Youth and Sports in 2019. 15. Member of the National Strategic Policy implementation Committee against Corruption, Cairo University, from 12/12/2018. 16. Chairman of the Board of Directors of the Center for productive units at the Faculty of Agriculture, Cairo University From 31/12/2018. 17. Chairman of the Board of Directors of the Center for Agricultural Economic Studies, Faculty of Agriculture, Cairo University, From 8/11/2018. 18. General supervision of guest house - Cairo University from 14/3/2017 till now. 19. The General Coordinator of Arab Students' Affairs at Cairo University as of 16/11/2016. 20. General supervision of Cairo University sports and social Club for rowing as of 1/6/2016. 21. Deputy Executive Director of the complex of research laboratories, Faculty of Agriculture as of 24/9/2016. 22. Member of the Selection Committee of the leadership of the Ministry of Transport 8/10/2015 till now. 23. Member of the Board of Directors of the Research Laboratories Complex of Cairo University 2015 till now. 24. Member of the High Committee to develop the strategic plan for the University 2015-2020. 25. Chairman of the Board of Directors of the Association of International Trainers and the Ministry of Social Solidarity 2014 until now. 26. Member of the Board of Directors of the Association of graduates of the Faculty of Agriculture from 2003 until now. 27. Member of the supervision committee for student elections since 1990 till now. 28. Advisor to the National Authority for Quality Assurance and Accreditation 2013-2014. 29. Deputy Director of the College of Research Laboratories College from 1/3/2009 until 2012. 30. Director of the chemistry lab at the College of Research Laboratories College as of 1/4/2008 until 2012. 31. Director of the unit of organizations and perfumes faculty from 2003 to 2012. 32. Director of the central laboratory of the faculty from 1/8/2005 until 2011. 33. Director of the faculty unit at the Center for the development of the capacity of faculty members and leaders at Cairo University 2007 to 2010. 34. Member of the Board of Directors of the Capacity Development Center for faculty members and leaders 2007. 35. Member of the Administrative Committee for the development of the capacity of faculty members and leaders FLDP 2006. 36. Central lecturer in the simplification of science in the General Authority for Culture Palaces 2006-2009. 37. Scientific consultant for the company Interfarm Scientific from 1997 to 2008. 38. Member of the Committee to examine the chemicals and determine the validity of the period from 2001 to 2006. 39. Member of the Committee for the establishment of a compound of qualitative laboratories faculty 6/11/2005. 40. Deputy Director of the Central Laboratory of the College from 1/8/2004 until 2005/ 41. Member of the committee of centers and units of the college in 2005. 42. Member of the writing committee of the self-study of the faculty in the college from 2003-2005. 43. Supervising the chemical analysis laboratory in the General Authority of Agricultural Budget Fund, Agricultural Research Center from 1998 till 2003. 44. Member of the development of teaching English courses 2003. 45. Member, Committee for the Preparation of Section Directories, 2004, 2003. 46. Member of the Administrative Development Committee of the College from 22/11/2000 until 2002. 47. Member of the committee of community service and environment development since 6/10/2000. 48. Member of the Organizing Committee, Information and Publications at the Conference on the Role of Biochemistry in Environment and Agriculture. 49. Participation in the preparation of studies to examine and renew the validity of the agricultural land sectors In North and Central Sinai in cooperation with the Ministry of Agriculture in June 2020. 50. Participation in the preparation of a study on water management in light of current developments and challenges (Egypt 2020-2030). 51. Participate in a study on the most important problems facing agriculture Egyptian cotton and proposed solutions (August 2020). 52. Participation with the general Secretariat of the Armed forces in the work of a study on food security (vision of a future). 53. 5- Submit a proposal for the production of new organic fertilizer to increase productivity and resist insecticide. 54. 6- Submit a proposal for the use of rice (wheat supplement) for the bread-loaf and oil production 55. Member of the Technical Secretariat of the Committee established by Prime Minister's Decree No. 1980 of 2020 to study ways to protect food security and support the agricultural sector (Minister of Agriculture decision 9/11/2020). 56. Member of the Committee for the selection of leadership positions at the University of Benha in 2020. 57. Participation with the Administrative Oversight Board in the preparation of:   -Code of Student Charter.  -the Code of the Staff Charter.  -the Code of Mathematical Conduct.  -the Code of Rules for Trainers.  -the Code of Conduct for Players.  -the Code of Team Managers and Club officials.   |  | | --- | | IV. Qualification and Accreditation: | | 1. Rehabilitation of the faculty and leadership capacity development center -Cairo University for the first international accreditation of IBCT 2010. 2. Qualifying the faculty and leadership development center - Cairo University to obtain the second international accreditation from SWAC 2013. 3. Rehabilitation of the faculty and leadership development center - Cairo University to obtain ISO-9001 from TUV, Germany 2014. 4. Rehabilitation of the faculty and leadership development center - Cairo University to obtain ISO18001 from TUV, Germany 2014. 5. To rehabilitate the faculty and leadership development center - Cairo University as a central unit and obtain a decision from the Supreme Council of Universities to be a central unit at the level of the central universities to adopt centers, trainers and training materials. 6. Rehabilitation of the Center for Developing the Capacity of Faculty Members and Leaders at Cairo University to obtain ISO10015 from QA Technic, Germany, 2015. 7. Rehabilitation of the Center for the development of faculty members and leaders at the University of Cairo to obtain four international ISO certificates:   A) Obtain **ISO 9001: 2015 (quality management)** on 10 November 2016 from Swiss company SGS.  B) Obtaining **ISO 22000: 2005 (Quality of Food Safety)** on 10 November 2016 from Swiss SGS.  C) Obtain **OHSAS 18001: 2007 (Occupational Safety and Health)** on 10 November 2016 from Swiss company SGS.  D) Obtaining **ISO 14001: 2015 (Environmental Quality)** on 10 November 2016 from Swiss SGS.  8. Rehabilitation of faculties of some universities to be qualified for academic accreditation from the National Authority for Quality Assurance of Education and Accreditation.  9. Qualification of the research park for ISO/IEC Certification 17025:2017 by the National Accreditation Council (EGAC), Ministry of Industry in the following labs:  - the accreditation of the laboratory of the detection of certain genetically modified genes in the maize and soybean according to the requirements of International Standard ISO/IEC 17025:2017, as of the day following approval by the independent Commission for accreditation on 23/10/2020 and until the four-year certification cycle has ended.  - accreditation of the Food Safety and Quality Control Laboratory in accordance with the requirements of the specification International ISO/IEC 17025:2017 in some chemical and physical tests of food and products and the estimation of some pesticide residues in fruits and vegetables.  - the accreditation of a microbiological research laboratory in accordance with the requirements of International Standard ISO/IEC 17025:2017 in certain microbiological food tests.  - Accreditation of analytical chemistry laboratories, water and soil according to ISO/IEC 17025:2017 requirements in the estimation of aflatoxin in peanuts and some elements in water. |  |  | | --- | | V. Training Courses: |  1. Attended a course on ISO 9001: 2015 (Quality Management), OHSAS 18001: 2007 (Occupational Safety and Health), ISO 14001: 2015 (Environmental Quality), ISO 22000: 2005 (Quality of Food Safety) from Future Development Institute (FDI) 2016. 2. Attended a training course on ISO-9001 from Future Development Company (FDI) 2014 3. Attended a training course on ISO-18001 from Future Development Company (FDI) 2014 4. Attended a workshop in Animal Care, Germany 2013. 5. Attended a training course on HPLC-MS-MS 2012 in USA. 6. Attended a training course on ICP 2010 in England. 7. Attended a training course on ISO-9001 from EQE. 8. Attended a training course on ISO-1725 from EQE. 9. Attending a training course on the Amino Acid Analyzer 2009, Czech Republic. 10. Attended a training course on strategic planning from 5/11/2008 to 7/11/2008. 11. Attended an advanced course on E-Course from 3/5/2008 to 5/5/2008 12. Attended an advanced training course on Power Point, Excel, Access and Internet during the period from 2/1/2008 to 30/1/2008. 13. Attended a training workshop on strategic planning of the university administration from 4/4/2007 to 5/4/2007. 14. Attended the Training of Trainers Training of Trainers (TOT) Workshop From 27-30 January 2007 at ICBT. 15. Attended a training course on evaluation of decision 14/5/2006 - 15/5/2006. 16. Attended an intensive course in Word, PowerPoint and Internet Microsoft Office during the period from 14/1 / 2006-25 / 1/2006. 17. Attended a training course on management skills in the period from 24/9 to 27/9/2005 within the project capacity of faculty members. 18. Attended a training course on the decision-making and problem-solving program in the period 1 - 3/1/2005 within the project capacity of faculty members. 19. Attended a training course entitled: Training course in Molecular cloning of viral genome 2003. 20. Attended a training course in the systemic direction in the teaching and educating of organic chemistry - Faculty of Science, Ain Shams University 2001.  |  | | --- | | VI. Areas of Training: | |

1. IBCT Certified Trainer 2007.
2. Certified Trainer from SWAC 2012.
3. Certified International Master Trainer (CIMT) 2014.
4. Training of more than 300 training programs (Quality Standards in Teaching Process - Strategic Planning - Active Education - Teaching Evaluation - University Management)
5. Training of more than 50 training programs in the strategic planning and accreditation standards of higher education institutions for the qualification of accreditation and self-study.
6. Training of 3 training programs on the standards of accreditation of the basic education institutions in Dubai to qualify for accreditation and self-study.
7. Participated in the development of teacher tests, which comes within the process of applying the teacher's special staff. (ERP -Education Reform Program).
8. Projects Evaluator in Quality Assurance and Accreditation Project (QAAP2).
9. Supervising and contributing to teaching in the laboratory safety course (safety - preparation - analysis) for the laboratory staff in 2002, 2003 and 2005 in the Department of Biochemistry.
10. Conducting 16 training courses in the manufacture of perfume and detergents for young graduates in cooperation with the Agricultural Credit Bank from 1/12/2003 to 30/6/2004.
11. Contribution of teaching: course of analysis of medicinal and aromatic plant components - February 2004.
12. Supervising and contributing to teaching in Animal Bioassay in Biochemistry - 03/2004.
13. Supervision and contribution to teaching in the training course for laboratory safety of the college graduates 6/7 - 12/7/2003.
14. Contribution to teaching in the course on modern techniques for measuring pollutants and follow-up in 2003 Department of Biochemistry.
15. Participate in preparing the training material for the following programs:
16. Program of professional trainer and internationally accredited from the University of Missouri, USA 2013.
17. Professional and internationally recognized teacher program from Missouri State University 2016.
18. The International Leadership Program is accredited by the US State University of Missouri 2016.

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| VII. Scientific and Student Activity Awards: |

1. First place in the best theoretical course contest developed in 2004.
2. Second place in the best theoretical course contest developed in 2005.
3. First place in the competition of the best course of work developed in 2006 (analytical chemistry).
4. Certificate of Appreciation to participate in the second generation meeting (2001).
5. Certificate of appreciation from the President of Cairo University to participate in the convoys of development and community service in the period from 10/7 to 29/7/2004.
6. Certificate of appreciation from the President of Cairo University to participate in the convoys of comprehensive development in cooperation with the governorate of Giza in the period from 8/7 to 31/7/2005.
7. Certificate of Appreciation from the Local Council of Kafr Hakim in 2005.
8. Certificate of Appreciation from the National Democratic Party in 2005.
9. Certificate of appreciation from the dean of the Faculty of Agriculture – Cairo University as a leader of the technical committee.
10. Certificate of Appreciation in the Generation 2nd meeting March 2001.
11. Certificate of Appreciation from the 34th Agricultural Session of Alexandria University 2004.
12. Certificate of Appreciation and Gold Medal from Cairo University in the Comprehensive Development Caravan Project in cooperation between Giza and Cairo University 8/7/2005 - 31/7/2005 - 10 / 7-29 / 7/2004.
13. Certificate of Appreciation for participation in the Youth Exhibition 2001.
14. Certificate of appreciation from the Vice President of Cairo University for outstanding activity of the Chemistry Society at the university level.

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| VIII. Scientific Activity: |

Participate with the faculty members in the department to teach the following courses as well as participate in the development of curricula according to the modern system of development and teaching these courses:

**A. Bachelor's degree:**

- Scientific and scientific organic chemistry.

-Analytical and Practical Analytical Chemistry (International Agriculture - Arabic).

- Chemistry of enzymes and metabolism (theoretical).

- Organic Chemistry (International Cultivation)

- Chemistry of theoretical proteins (international agriculture - Arabic)

- Immunological Chemistry (theoretical).

**B. Postgraduate studies:**

- Practical analytical chemistry

- Chemistry of microorganisms

- Chemistry of organic preparations.

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| IX. Social and Student Activities: |

1. The leader of the Technical Committee of the Students Union of the Faculty of Agriculture - Cairo University from 28/11/2000 until 2010.
2. Assistant Leader of Scientific Society of Biochemistry 1994 - 2002.
3. Leader of the Scientific Society of Biochemistry from 2000 to 2003.
4. Participate in the organization of many scientific and cultural seminars at the college.
5. Participated in the Youth Exhibition held in the exhibition grounds in Nasr City, which was inaugurated by the President of Egypt 2000 & 2001.
6. Participation in the Arab Session at Menoufia 2001.
7. Supervising the student delegation in the scientific journey in Syria 2003.
8. Leading Family of Stars 2004, 2005.
9. Participation in the University caravans 2004-2009

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| X. Scientific research: |

More than 20 international and local papers have been published.

International research published in the last 3 years:

Fouad, M., Moustafa, A., Hussein, L., Romeilah, R., & Gouda, M. (2015). In-vitro antioxidant and antimicrobial activities of selected fruit and vegetable juices and fermented dairy products commonly consumed in Egypt. *RJPBCS*, *6*(2), 541-50.

Gouda, M., Moustafa, A., Hussein, L., & Hamza, M. (2016). Three week dietary intervention using apricots, pomegranate juice or/and fermented sour sobya and impact on biomarkers of antioxidative activity, oxidative stress and erythrocytic glutathione transferase activity among adults. *Nutrition journal*, *15*(1), 52.

Badawi, H., Soha, S. M., El-Rakha, A., Eman, S., Mostafa, A. A., & Fayez, M. (2016). Cereal-PGPR interweave in salt-affected environments: towards plant persistence and growth promotion. International Journal of Scientific & Engineering Research, Volume 7, Issue 11,1774-1814.

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| XI. Supervision of Master and PhD Thesis: |

- Supervised the number of 25 Master and 11 PhD thesis.

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| XII. Development of university books in the field of Biochemistry: |

1. Preparation of a practical book of micro-mechanics in organic chemistry for students of the first level.
2. Preparation of a book on small industries for the future leaders camp at the university 2005.
3. Preparation of a book on small industries for the convoys of Cairo University Qari (Bashteel - Nkla - Kafr Hakim).
4. Preparation of the Book of Derivatives of Single Sugar 2004.
5. Preparation of the book of the basics of general chemistry (Outside the College) 2002.
6. Preparation of the Book of Practical Biochemistry (Outside the College) 2003.
7. Preparation of the book of organic chemistry theory (Outside the College) 2002.
8. Preparation of a book of micro-mechanics in organic chemistry process 2000.
9. Preparation of Free radicals as mediators of tissue injury and disease 2001.
10. Participate in preparing the practical book of biochemistry for students of the second level.
11. Participate in the preparation of the Practical book of Organic Chemistry for students of the first level.
12. Participate in the preparation of practical analytical chemistry book for students of the second level.
13. Participate in the preparation of the Practical book of Biochemistry.
14. Participate in the preparation of the Practical book of Analytical Chemistry 2003.
15. Participate in the preparation of the practical book of Analytical Chemistry in English.
16. Participation in the preparation of the book of carbohydrate chemistry 2003.
17. Participation in the preparation of the book of Organic Chemistry 2004.
18. Participate in the preparation of a book on the training program of laboratory preparers 2002 (safety - preparation - analysis).
19. Participate in the preparation of the Book of organic chemistry theory 2010
20. Participate in the preparation of the book of organic chemistry theory in English 2012.

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| XIII. Scientific Conferences: |

- Conferences on "The Role of Biochemistry in Environment and Agriculture", Department of Biochemistry, Faculty of Agriculture, Cairo University, 6-8 February 2001, and also 2004, 2006.

- Member of the organizing committee of the conference "The Future of Agricultural Education in the Arab World" in 2002.

- Member of the Organizing Committee of the Third Conference of Modern Technologies in Agriculture 14 - 16 November 2005.

- AAALAC International Conference (USA) 2014.

- IACUC Conference (USA) 2014.