

Curriculum Vitae (CV)



A. Personal Details

أسامة أحمد محمد علي بداري

Full name in English: Osama Ahmed Mohamed Ali Badary

Prof, Department of Clinical Pharmacy, Faculty of Pharmacy, Ain Shams University, Egypt

Gender: Male Date of Birth (08/03/1961) Nationality: Egyptian

B. Contact Information

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C. Academic Qualifications

1 **PhD Pharmaceutical Sciences** (Pharmacology and Toxicology)/1991. College of Pharmacy, University of Georgia (UGA) USA and Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt

2 **MSc Pharmaceutical Sciences** (Pharmacology and Toxicology)1988.

Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt

3 **Diploma of Biochemical and Medical Analysis** 1986

Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt

4 **BSc. Pharmaceutical Sciences, 1983** Faculty of Pharmacy, Cairo University ,
Kasr El-Aini, Cairo 11562, Egypt

D. Employment History:

- **Prof Clinical Pharmacy, Faculty of Pharmacy, Ain Shams University**
Sept 2006-current
- **Prof Clinical Pharmacy, Faculty of Pharmacy, Misr University Science and**
Technology 2023-2025 (Secondment)
- **Vice Dean Research and Postgraduate Studies, Vice Dean Environment**
and Community Services and Supervision Clinical Pharmacy
Department, Faculty of Pharmacy, The British University in Egypt BUE
Cairo Egypt. Sept 2019-2023
- **Chairman National Organization for Drug Control and Research**
(NODCAR), Cairo, Egypt Sept 2013- Sept 2019
- **Head, Department of Clinical Pharmacy, Faculty of Pharmacy, Ain Shams**
University, Egypt Aug 2006- 2013
- **Vice Dean, Faculty of Pharmacy, Helwan University, Cairo, Egypt Feb**
2003- July 2006
- **Head, Department of Pharmacology and Toxicology, Faculty of Pharmacy,**
Helwan University, Helwan, Cairo, Egypt Jan 2002- Jan 2003
- **Professor, Department of Pharmacology and Toxicology, Faculty of**
Pharmacy, Al-Azhar University, (Dec 2001-Jan 2002).
- **Assistant Professor, Department of Pharmacology and Toxicology, Faculty**
of Pharmacy, Al-Azhar University, Egypt. (1998-2001).

- **Researcher** Department of Pharmacology and Toxicology, Faculty of Pharmacy, King Saud University, Riyadh, Saudi Arabia (1996-1998)
- **Lecturer**, Department of Pharmacology and Toxicology, Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt. (1991-1996)
- **Assistant Researcher**, Faculty Of Pharmacy , University of Georgia, USA .1990
- **Assistant Lecturer**, Department of Pharmacology, Faculty of Pharmacy, Al-Azhar University,. (1988-1991)
- **Demonstrator**, Department of Pharmacology and Toxicology Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt. (1985-1988).

E. Scientific Merit/Footprint

H-index: 34 Citations: 4002 International publications in Scopus: 89

[Scopus Author ID: 7004169392](#)

Grants/Awards:

1. Winner of Dr Mohamed Rabie Nasser Award for Scientific Research (Medical Sciences) . Dec 2025
2. Consultant of the Pharmaceutical Affairs to the Director of Theodor Bilharz Research Institute (TBRI), Ministry of Higher Education and Research November 2025
3. Founder and Supervisor of the Clinical Pharmacy Unit, Theodor Bilharz Research Institute (TBRI), 2025-
4. Selected as an Active member of the Medicines Strategic Planning Supreme Committee at the Ministry of Health and Population, Cairo, Egypt. June 2025.

5. **President** of the Supreme Committee for the Egyptian Board of the Pharmacy Specialties, The Egyptian Health Council. April 2025.
6. Selected as a member of the National Egyptian Council for Medicine Research, National Academy of Science and Technology. 2018- Current (Renewed in 2025).
7. Selected as a member of the National Egyptian Committee of Pharmacology and Toxicology, National Academy of Science and Technology, Egypt 2018-2021
8. Selected as a member in the Editorial Board of Journal Geno-Med Connect. A Journal Specialized in Genomics and Medicine. SciFiniti Publishing Connecting Minds. July 2024.
9. Inclusion in The WHO Cluster of International Medicine regulation Experts. WHO RSS Geneva Switzerland, May 2023.
10. Selected as an International expert for the Consultation Team for WHO Regulatory Global Benchmarking Experts for Malawi, Lilongwe, Malawi. April 2023.
11. Recipient of the Arab Pharmacist Medal and Award presented by The Arab Pharmacists Union, The Arab Pharmacists Day, Cairo, Egypt Oct 2022.
12. Founder and President of the Scientific Board of the Arab Pharmacy Specialties Fellowship. Oct 2022
13. Selected as a member of the Supreme National Committee of Pharmacy practice and rational Medication Use in Egyptian Hospitals. CAPA, Ministry of Health and Population (MOHP), Jan 2023--2025.
14. Member of the MFK Prize Committee, The British University in Egypt. 2022-2023.

15. Selected a Board Member for the Administrative Board of The immunology and Therapeutic Evaluation Center, Theodor Bilharz Research Institute (TBRI), Oct 2022-current.
16. Selected as an International expert for The WHO Global Model Regulatory Framework Working Group (GMRF). Oct 2022.
17. Re-elected as Chairman of the Scientific Board of the National Egyptian Clinical Pharmacy Fellowship. Oct 2022
18. Certified WHO Global Benchmarking Tool Expert (cGBT) for the Drug Regulatory Authorities. Istanbul, Turkey June 1-3, 2022.
- 19. Recipient (PI) of REsearchSupport Program to winners of StatE and international sCienTific Prizes (RESPECT): Pharmacogenomics based prediction of Clinical outcomes to breast cancer therapy. Sheffa ElOrman Cancer Hospital, Luxor Egypt, funded by the Academy of Scientific Research and Technology (ASRT). 2022.**
20. Member of the WHO Global Model Regulatory Framework (GMRF) Working group on companion diagnostics and on the implementation topics regulatory capacity building, developing a road map and involving stakeholders 2022
21. Received the best award presentation **the First International congress for Innovation in chemistry for therapeutic uses. ICTA University of Oum El Bouaghi, People's Democratic Republic of Algeria, Oct 2022.**
22. Contribution to ASRT Guidelines: Towards manufacturing of Active and Inactive Pharmaceutical ingredients in Egypt. Arab J STI Policies, 2022.
23. Elected as an active Fellow of the **African Academy of Science (AAS)** in recognition of the outstanding contribution in the field of Medical Sciences

and community and environmental development in the African continent
2022

24. Recipient of the appreciation Award presented by The Board of the National Cardio-Protect Association for the **Best Health Care providers Dec 2021**

25. Selected among the **top 2%** of the world scientists list published by Stanford University years **2020-2025**

26. Contribution to WHO Guidelines: Implementing quality management systems (QMS) in national regulatory authorities: Examples and Practices. July 2021

27. Contribution to WHO Publications: Annex 13: WHO guideline on the implementation of quality management systems for national regulatory authorities 2021

28. Recipient of the **Gold Medal and National Appreciation Award**. Presented by the Minister of Higher Education and Research, The National Scientific Day February **2020**.

29. Recipient of the **Science and Art Award of the First Class honored by the Egyptian President August 2019**

30. Winner of The State Merit Award in Medical Sciences, 2017.

31. Recipient of the Accelerating Implementation Methodology Grant (Practical guidelines to Change Project Management) funded by the **Bill Gates and Melinda Foundation 2019**

32. Vice President of Arab Academy for Development of Pharmaceutical Skills (ADPS). 2018-current

33. Chairman of the International WHO Drafting team for establishing the Quality Management System (QMS) Guidelines 2018-2021

34. Recipient of the International Council of Harmonization grant to attend the training workshop (**ICH Q1**) **Northeastern University** College of Science Boston USA **Oct 2017**
35. Recipient of The **NOMCoL** Network of Official Medicine Control Laboratories USP Global Health International program grant for International Workshop (Validation and verification) (**NOMCoL-MENA**), Morocco, Feb **2017**
36. Winner of the best research award in Pharmaceutical sciences and Pharmacy practice offered by the Pharmacist Arab Union, 2014.
37. **Expert** for the World health Organization (**WHO**). **2016-Current**
38. **Expert** for The **NEPAD** the technical arm of the African Union Commission of AU (**AUC**). **2014-2019**
39. Selected as a member of the **8 international experts** to contribute to the drafting of the legal and institutional framework and developing the Business plan for **African Medicines Agency (AMA) 2014-2019**.
40. Recipient (**PI**) of the Research fellowships funded by **USAID** within the Higher Education Initiative – Graduate Scholarships for Professionals in order to increase the building capacity for the NODCAR staff, Cairo **2014-2017**.
41. Recipient of the **appreciation award** presented by the Sudanese National Board of Medicine and Poisons and country WHO **Dec 2014**
42. Winner of The **Abdul Hameed Shoman Prize in Medical Sciences**, Amman, Jordan for the research originality and the outstanding contribution in the field of Medical Sciences in the **Arab World, 1999**.
43. Recipient of **Fulbright** Appreciation Certificate (**2007-2009**)

44. Nominated by Ain Shams University for the **Kuwait award** for scientific advancement in Applied Medical Sciences **2007**.
45. **Alexander von Humboldt Grant (2001-2006)**: by The Alexander von Humboldt Foundation. Faculty of Medicine, Tuebingen University, Tuebingen, Germany.
46. Appreciation certificate USN Naval Medical Research Unit 3 (**NAMRU-3**) Cairo 2006
47. Winner of the **best research award** present by the International Environmental Society at the 8th International Conference on Environmental Mutagens. **Shizuoka, Japan, Oct 2001**.
48. **UICC Yamagiwa-Yoshida Memorial International Cancer Grant (2000)** funded by the Kyowa Hakko Kogyo Ltd., Toray Industries Inc., Tokyo, and the Japan National Committee (JNC) for **Union International Contra Cancer (UICC)**. Toxicology Division, Department of Preventive Medicine and Community Health, (UTMB), Galveston, Texas, USA.
49. Winner of the **Union International Contra Cancer (Switzerland) Cancer YY Award 2000**.
50. **Founder and President** of the Scientific Board of the National Egyptian **Clinical Pharmacy Fellowship. 2011-current**
51. Certificates of appreciation from the Egyptian National Committee for Biochemistry & Molecular Biology (**NCBMB**) **2014-2015**
52. Certificate of appreciation from National Research Centre (**NRC**) **2016**.
53. Certificate of appreciation from Central Administration for Pharmaceutical Affairs (**CAPA**) **February 2017**.
54. Recipient of the PF research Award at University of Georgia UGA, USA 1990.

Grants

1. PI For Grant RESPECT Funded by the Egyptian Academy of Scientific research and Technology (ASRT). Ministry of Higher Education and Research. Pharmacogenomics based prediction of Clinical outcomes to breast cancer therapy. March 2022.
2. PI of the National Organization for Drug Control and Research (NODCAR)) of the research project "Integrated Pharmaceutical Alliance (**IPA**); towards production of technology based Egyptian Pharmaceutical products" **KTA-C2-2.10**. Funded by the Egyptian Academy of Scientific research and technology (ASRT). 2018-2020.
3. Member of the research team of the Grant funded by the Egyptian Academy of Scientific Research and Technology for the Road Map to establish and enhance Pharmaceutical industry and Pharmaceutical Raw Material Manufacture 2022-2025.
4. Grant funded by **USAID** within the Higher Education Initiative – Graduate Scholarships for Professionals in order to increase the building capacity for the NODCAR staff, Cairo 2017-2018
5. Grant funded by **USAID** within the Higher Education Initiative – Graduate Scholarships for Professionals in order to increase the building capacity for the NODCAR staff, Cairo 2014-2015
6. Grant Funded by USAID within the Higher education Initiative- Graduate Scholarships for Professionals in order to increase the building capacity for the postgraduate Staff at Faculty of Pharmacy, The British University in Egypt. 2021-2022.

F. International conferences , meetings and workshops:

1. **Chairperson** for the Panel Discussion The International Conference of Dentistry, Educational Health Forum, Towards Precision Practice: Clinical Implications of Drug Interactions. Misr University for Science and Technology, 19 November 2025
2. **Invited Speaker** International Conference of the Egyptian Society of Critical Care: Pharmacogenomics in Critical care Units. Cairo, Egypt November 2025.
3. Chairman of Pharmacy Session in the International Conference for Women's Health Summit by the Egyptian Police Organization, Ministry of Interior. Cairo Marriott, 1-2 Oct 2025
4. **Invited speaker and Chairman Saudi Cardiac Clinical Pharmacist/Saudi Heart Association International Conference. Jeddah Jan 2025.**
5. **Session Chairman** of the international Scientific Arab Board Pharmacists days. Presentations of Practical Pharmacotherapy Cases. 17,18 Sept, 2024 Cairo Egypt.
6. **Session Chairman** in the **BASE 2024** international Meeting 3rd edition held on the 12th and 13th September, 2024 Grand Nile Tower, Cairo Egypt
7. **Invited speaker and Chairman** at Nile University Sustainable Multidisciplinary Advanced research trends (SMART 2024) Conference. **July 2024.**
8. **Invited Speaker plenary lecture.** The Annual conference of Theodor Bilharz research institute (TBRI). Innovative Research Solutions for Emerging Problems. **February, 2024.**
9. **Invited Speaker** at Saudi Heart Association (SHA-34) annual Conference: Population Health From Prevention to Intervention: Understanding the Impact

of Illegal Drugs on Cardiovascular System. **12th -14th October 2023** held at Crowne Plaza Riyadh RDC Hotel and Convention

10. **Invited speaker and session chairman:** International Conference Ministry of Health and population. Applications of Artificial Intelligence in Pharmacy Practice. The New Capital Sept 2023.
11. **Invited Speaker:** 3rd International Conference on Cancer Research and Oncology. online conference July 21-22, 2023 Theme: Innovative Vision & Current Strategies in the field of Cancer Research and Oncology
12. **Invited Speaker Plenary lecture** The First International Scientific meeting of Immunology and therapeutic evaluation division, Theodor Bilharz research institute (TBRI). Innovative research From Bench to Market. 28th May, 2023.
13. **Invited Speaker Plenary Lecture:** Pharmacogenomics applications in Cancer Treatment . The annual congress «Bridging Gaps in Oncology» Cairo, Egypt, Nov 2-4, 2022.
14. **Member of the scientific committee of the First International congress for Innovation in chemistry for therapeutic uses. ICTA Algeria 2022.**
15. **Invited Speaker Plenary Lecture: the First International congress for Innovation in chemistry for therapeutic uses. ICTA Algeria 23 Oct 2022. Natural Products and COVID-19 management: Challenges and Opportunities.**
16. **Invited speaker: Arab African International Cancer Congress (AAICC): Precision Oncology Pharmacy Practice: An Update. 6-7 Oct 2022, Cairo, Egypt.**
17. **Invited Speaker the *Panel Discussion:* Ways of collaboration to achieve Equality & Digital Inclusion among Business & healthcare stakeholders. 5**

December 2021. UNESCO-ITU Digital Inclusion Week 2021 (28th November - 3rd December, 2021)

18. **Invited speaker** in the International Scientific Conference The Arab Universities and their role in facing the challenges COVID-19 pandemic: Research and Awareness Efforts. Held virtually by the AArU 7 June 2021.
19. The 6th African Medicines Regulators Conference AMRC AMA Strategy, Operating and Financing Model” **2 – 4 OCTOBER 2019 VICTORIA FALLS, ZIMBABWE**
20. The 4th Biennial Conference on Medical Product regulation in Africa (SCOMRA) VICTORIA FALLS, ZIMBABWE 30th September – 1st Oct 2019
21. The 6th Meeting OF Technical Working Group on Medicine Policy and Regulatory Reforms (TWG-MPRR) 2 Oct 2019 VICTORIA FALLS, ZIMBABWE
22. **International consultation meeting to discuss Good Regulatory Practices (GRP) for national medicines discuss a revised draft guideline on Good Regulatory Practices (GRP 21-22 September 2019 Geneva Switzerland**
23. **International consultation meeting to discuss comments received, draft policy, definition and operation guidance on WHO Listed Authorities (WLA 19 - 20 September 2019 Geneva Switzerland**
24. Participant at official EXPO 2019 meeting "Mediterranean and African medical products markets. Morocco Feb 2019.
25. Participant at the 2nd AMQF meeting, Marrakesh, Morocco, Feb 2019.
26. Invited speaker in the 5th FUE international conference of pharmaceutical sciences "pharmaceutical industry affairs panel" Jan 2019.

27. Member in the 5th meeting of African Medicines Regulatory Harmonization (AMRH) Technical Working Group (TWG) Midrand, South Africa, Oct 2018.
28. Invited speaker at Egypt Pharma Regulatory Conference "Entering Middle East and African Markets", Cairo 2018.
29. Chair session at the 2nd international conference of the faculty of Pharmacy – Ain-Shams University "Future Trends For the Development of Pharmaceutical Education and Research" Cairo – Nov 2018
30. Speaker and Egypt representative at the World Health Organization conference entitled "Eastern Mediterranean Drug Regulatory Authorities Conference (**EMDRAC**)" Jordan, May 2017.
31. Egypt's representative at the 8th Annual Network of Official Medicines Control Laboratories- Middle East North Africa (NOMCoL-MENA), Morocco, Feb 2017.
32. Egypt's representative in the committee meeting for establishment of African Medicines Agency (AMA), Tunisia, July 2017.
33. Speaker at the "XXXIV International Scientific Conference of Pharmaceutical Sciences" Cairo, Dec 2017.
34. Egypt's representative at the fourth meeting of committee for establishment of African Medicine Agency (AMA), Ethiopia, Feb 2017.
35. Speaker and Egypt's representative at '3rd India-Africa Health Forum & 3rd Edition of Global Exhibition on services (GES), India, April 2017.
36. Session chair in the 4th FUE International Conference of Pharmaceutical Sciences (4th FUE-ICPS), Cairo, February 2017.
37. Egypt's representative at high level meeting in the Danish Ministry of Health, Denmark, May 2017.

38. Egypt's representative at the advisory meeting for developing laws regarding trading and quality control of pharmaceuticals and medical devices in Africa, Ethiopia, 2016.
39. Egypt's representative at the second meeting of advisory committee for establishment of African Medicine Agency (AMA), Ethiopia, June 2016.
40. Egypt's representative at the scientific African conference for pharmaceutical quality control, Ethiopia, December 2015.
41. Second Technical Meeting on the Development and Harmonization of Standards on Pharmaceuticals and Vaccines among OIC Member States 25-26 November 2014, Malaysia.
42. Session chair, Speaker and Egypt's representative in "The First Conference for Medicines Regulatory Authorities in Sudan and Neighboring Countries" Khartoum, Sudan, December 2014.
43. Session chair in the "XXXII Conference of Pharmaceutical Sciences" Cairo, December 2011.
44. Member of the scientific committee of the Golden Jubilee conference of the Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET), Cairo, May 2007.
45. Egyptian Society of Pharmacology & Experimental Therapeutics (ESPET) conference, Cairo, May 2007.
46. Speaker at the "3rd Annual Congress on Towards Patient Education, Patient Rights" Cairo, December 2006.
47. Speaker at the 8th International Conference on Environmental Mutagens. Shizuoka, Japan, Oct 21-26, 2001.
48. Speaker at "Al-Azhar second international conference of recent advances in pharmaceutical technology and biological sciences" Cairo, December 2001.

49. Giving a lecture entitled "Chemopreventive potential of Thymoquinone" at Tubingen University, Germany, July 2001.
50. Poster presentation at Federal American Association Experimental Biology (FASEB) conference, USA 1998.
51. Speaker at "Al-Azhar first international conference of recent advances in pharmaceutical technology and biological sciences" Cairo, December 1995.
52. Poster presentation at Federal American Association Experimental Biology (FASEB) conference, USA 1992.
53. Three poster presentation at Federal American Association Experimental Biology (FASEB) conference, USA 1991.

G- Committees Membership

1. Selected a Board Member for the Ethics Committee of Theodor Bilharz Research Institute (TBRI), August 2025.
2. Member of the Medicines Strategic Planning Supreme Committee at the Ministry of Health and Population, Cairo, Egypt. June 2025.
3. **President** of the Supreme Committee for the Egyptian Board of the Pharmacy Specialties, The Egyptian Health Council. April 2025.
4. Member of WHO benchmarking team with the Regulatory System and the laboratory access functions for PMRA Lilongwe, Malawi March 2023.
5. Member of WHO benchmarking team with the laboratory access function for FDA ZIMBABWE 2021.
6. Member of WHO benchmarking team with the laboratory access function for FDA NDA Uganda. 2019.

7. Member of WHO benchmarking team with the laboratory access for FDA Ghana
8. Member of the technical committee of African Medicine Regulation and Harmonization organization of NEPAD, 2018- current
9. Contribution to the African Union model law "AU model law" for medicinal registration and regulation 2014.
10. Middle East and North African network of national control laboratories in collaboration with United States Pharmacopeia (USP).
11. Member of the drafting team of WHO quality management system guidelines 2017.
12. Member of drafting committees for some professional laws such as medical research and clinical trials law and Egyptian drug authority law.
13. Member of the supreme board of Health at MOH 2013-2019
14. Member of the "Scientific Specialized Promotion Committee for Pharmacy and Dentistry, Supreme Council of Universities, (MOHE), 2020-
15. Member of the "Scientific Promotion Committee for Faculty Members - Pharmacology and Clinical Pharmacy, Supreme Council of Universities, 2013-2019
16. Contribution to development of drug industry through the supreme committee for drug industry development and membership in the Egyptian board of medicinal research and national committee of pharmacology.
17. Member of the Egyptian National Research Ethics Committee at MOHP 2018-2020
18. Member of evaluation of clinical studies in NODCAR, Egypt, 2017-current.

19. Member of the Higher Technical Committee for Drug Control, Ministry of Health and Population (MOHP), Egypt, 2013-current.
20. Member of the Non-reference Drug Committee, (MOHP), Egypt, 2010-2019.
21. Member of the Pharmacovigilance Committee, (MOHP), Egypt, 2010-current.
22. Member of the Stability Drug Committee, (MOHP), Egypt, 2013-2019.
23. Member of the Drug Policy and Planning Committee - Pharmacology Committee, (MOHP), Egypt, 2007-2012.

H. Scientific Society Memberships

1. Elected as an active Fellow of the **African Academy of Science (AAS)** in recognition of the outstanding contribution in the field of Medical Sciences and community and environmental development in the African continent **2022**
2. Contribution to the establishment of African Medicines Agency (AMA), a new organization approved by African union member states in February 2019
3. Member of the National Drug Committee at Academy of Scientific Research and Technology (ASRT), 2018-now.
4. Active member of the African medicines quality forum (AMQF) in collaboration with USP, NEPAD and WHO.
5. Member of the Scientific Arab Board for pharmacy practice 2017 – now.
6. Vice President of Arab Academy for Development of Pharmaceutical Skills 2019 –

7. Member of specialized scientific councils at Academy of Scientific Research and Technology (ASRT) "Drug Research Scientific Council", 2017 – now
8. **Alexander von Humboldt Foundation 2000-current**
9. Active member of the American Association for Cancer Research (**AACR**)
10. Active member of UICC Fellows (**AUF**).
11. Active member of The Egyptian Society for Toxicology (**EST**)
12. Active member of the Administrative board of Egyptian Society for Pharmacology and Experimental Therapeutics (**ESPET**).
13. Active Member of the Egyptian Society of Clinical Chemistry (**ESCC**).
14. Active member of The International Federation of Clinical Chemistry (**IFCC**).

Osama Badary

Date: 7.12.2025