

Mina Adel



PERSONAL INFORMATION

Birth Date: 21/09/1989

Marital status: Married

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EXPERIENCE

August 2024 – Present

IAVI "International AIDS Vaccine Initiative"

Consultant - Global Access, Global Alliance and Product Optimization

- Help identify and establish linkages with key stakeholders, particularly in the biologics manufacturing sector, research, development, and access ecosystem across infectious and noncommunicable priority disease areas in Africa.
- Conduct survey and complete analysis of survey data to refine understanding of potential products priorities.
- Perform a technical assessment that systematically considers the use cases, feasibility, product development status, manufacturing landscape, access and implementation considerations to inform prioritization of products for Africa.
- Develop a manufacturing landscape assessment tool developed with inputs from project team for distribution to PAVM network.
- Contribute to the conceptualization, design and planning of a regional summits.
- Support preparation and coordination of workshops pre-reads and presentations.
- Develop meeting report from the regional summit.
- Co-author a manuscript summarizing the project and key takeaways from the effort harnessing project team inputs.

June 2024 – Present

Africa CDC

Member of the Technical Working Group (TWG) on Simplifying and Harmonizing Trade Regulations, Policies, and Procedures for African Vaccine Manufacturing

- Identifying short term and long-term strategies and approaches to facilitate the flow of inputs needed to produce vaccines and to secure harmonized trade policy within the continent.
- Supporting the on-going activities of trade harmonization of health products with the AU member states, including HS code harmonization, initiatives during peace time and in response to outbreaks.
- Map the resource required if needed.
- Map on going initiatives to facilitate free flow of critical goods.
- Mapping of trade barriers & procedure.
- Identify and map strategies to facilitate import and export of critical inputs to vaccine production.
- Map the gaps in HS codes implementation across AU member states.

- Identify and discuss short-term strategic interventions and implementation partners, including financial support.
- Provide detailed analysis, based on evidence, on trade barriers to selected input materials. Prioritize key trade challenges.
- Facilitate the development of innovative approach to simplify and harmonize trade policies and procedures.
- Engage stakeholders to participate to the development of a coordinated response towards having harmonized trade policies and procedures.
- Foster and sustain stakeholders' collaboration on initiatives related to vaccine value chain tasks in general and simplifying trade barriers in particular.
- Provide ongoing support to vaccine manufacturing supply chain monitor the performance and effectiveness of the proposed solution strategy.
- Report progress to the coordination group to establish/update the road map.

March 2021 – October 2024

BioGeneric Pharma (BGP)

Vaccine Unit Manager,

October 2021 - Present

Project Manager of WHO mRNA Vaccine Technology Transfer Hub Program

June 2022 - Present

Project Manager of Injectable Poliomyelitis virus Vaccine “IPV” Technology Transfer

Projects Leadership, Management & Coordination:

- WHO/MPP mRNA Technology Transfer Hub Programme.
- France-Egypt Vaccines Localization Project with Sanofi for Hexavalent aP vaccine.
- Public-Private Partnership Project with Vacsera/MOH.
- Injectable Poliomyelitis virus Vaccine “IPV” Technology Transfer Project with Sinopharm.
- Technology Transfer Project with Serum Institute of India for Rabies and Pneumococcal vaccines.

Project Manager of WHO mRNA Technology Transfer Hub Program:

- Responsible for all communications with the WHO, the Medicines Patent Pool “MPP” and the South African hub.
- Grant management and budgeting, ensuring efficient allocation of resources.
- Lead the team who travelled to South Africa together with Egyptian Drug Authority (EDA) member to get the first lab-scaled mRNA training.
- Coordinating communication with the Egyptian Ministry of Health, Preventive Affairs Sector, EDA, and the WHO Regional Office for the Eastern Mediterranean-“WHO EMRO” to determine domestic and regional vaccine needs, identify potential vaccine candidates.
- Responsible for receiving and distributing technology transfer packages to relevant departments and individuals.
- Coordinating all activities to start early R&D activities for mRNA vaccine candidates.

Strategy, Business Development and Technology Transfer Lead:

- Leading localization and technology transfer “TT” projects of vaccines at BioGeneric Pharma with WHO pre-qualified manufacturers, as per the WHO guidelines, including but not limited to receiving the TT documents, analytical method transfer, site inspection, trainings, Corrective and Preventive Action (CAPA) Plans, ... etc.
- Responsible for the CMO projects of vaccines in BioGeneric Pharma, with follow-up & co-ordination with different departments to ensure compliance with corporate strategy.

- Responsible for all business development activities and contacting all biologics and vaccines manufacturers, suppliers, and distributors around the world for in-licensing, out-licensing, toll manufacturing and contract manufacturing.
- Responsible for expanding the corporate's portfolio through market analysis and contacting new suppliers for technology transfer.
- Leading TT projects for all vaccines "Viral-vector, Recombinant, Subunit, Inactivated vaccines, Combined vaccines, Conjugated polysaccharides", and involved in the TT of biologics and biosimilars to have the full technology required to produce E2E products.

Focal Point of Contact with:

- WHO Headquarters including Local Production Assistance Unit (LPA), Regulation and Prequalification Department, and Detection & Interruption (DAI) POLIO Unit, in addition to EMRO Office and Egypt Country Office.
- The Medicines Patent Pool (MPP).
- The Partnership for Vaccines Manufacturing (PAVM)/Africa CDC.
- The African Vaccine Manufacturing Initiative (AVMI).
- Developing Countries Vaccine Manufacturers Network (DCVMN).
- Vaccines Industry Consultation (VIC)/UNICEF.
- The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ).
- Polio Annual Consultation and Global Polio Eradication Initiative "GPEI".
- The National Committee for Localization of Vaccines Industry in Egypt.

November 2019 - February 2021

Ministry of Health (MOH), Research and Training Sector

Senior Trainer Pharmacist

- Conducting community outreach programs, awareness campaigns, and health education sessions to promote health-seeking behaviors and preventive measures.
- Responsible for training all pharmacists who are working in the EDA and MOH.
- Responsible for training all pharmacists in Egypt, including governmental and private-sector pharmacists to keep pace with the labor market.
- Preparing the annual training plan for pharmacists, and communicating with various ministries, universities, and educational hospitals.
- Public Health Trainer for increasing health coverage and new vaccine's introduction.
- Actively working with the MOH/CDC sector for regular updates of national immunization programs and preparing strategies for the implementation of new vaccines introduction.
- The quality focal point who is responsible for the quality management system of the directorate.

July 2012 - October 2019

National Regulatory Authority (NRA),

Biological Products & Vaccines Registration Department

➤ Regulatory Affairs Team Leader, August 2018 - February 2021

➤ Regulatory Affairs Senior Specialist, Jan. 2016 - July 2018

➤ Regulatory Affairs Specialist, July 2012 - Dec. 2015

- Receive request inquiries, review, and prepare box approvals based on the adopted legislation.
- Receive naming requests, review submitted name lists, select, and approve trade names of the locally manufactured biologics and vaccines.
- Receive, review, and assess common technical document "CTD" files, till issuing of MA license.
- Sending assessment reports and deficiency letters to companies after technical review & assessment and follow up with them to receive the missing documents before due dates.
- Double revision of registration and re-registration CTD files of Registration Team members.

- Reviewing and approving submitted mock-ups of outer & inner labels of biological products, intended for the local market, and the standard export packs as well.
- Responsible for creating a database of all registered and under registration biological products.
- Responsible for creating a database of all registered vaccines in Egypt and replying to Preventive Affairs of MOH with all required data relevant to registered and under registration vaccines.
- Responsible for meeting with companies for all queries relevant to the registration process.
- Responsible to aware and advise applicants who don't have experience in biologics of different registration processes and suggest the most reasonable way for registration.
- Responsible for handling and replying to all external and internal communications.
- Responsible for dealing and supplying Pricing Directorate with all required data related to all registered and under registration products required for pricing.
- Responsible for communicating with different health/regulatory authorities (when required).
- Responsible for communication with Drug Shortage Directorate for any required data/info.
- Responsible for preparing and updating the workflow and instructions of the Registration Team.
- Responsible for the mail of the Registration Department concerning replying to all e-mails, scheduling appointment dates and files-distribution cycle of all Registration Team members.
- Represented the pharmaceutical sector in MOH in the first Emergency Committee established by the President in 2016.

EDUCATION

September 2024 - September 2026

Master of Public Health at Brunel University of London



September 2006 - JULY 2011

Bachelor's Degree in Pharmacy and Pharmaceutical Sciences, Faculty of Pharmacy, Future University in Egypt (FUE)

GPA: 3.76 (Excellent)

SKILLS

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| <ul style="list-style-type: none"> • Analytical skills • Presentation skills • Negotiation skills • Fast & flexibility in learning • Teamwork • Problem-solving | <ul style="list-style-type: none"> • Strategic thinking • Database and data entry • Business planning and development • Management skills • Communication skills • Marketing skills |
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CERTIFICATES

- Nanodegree Program, Digital Marketing Professional, Udacity, July 2021.
- Business Analysis Overview, American Chamber of Commerce in Egypt "AmCham Egypt", July 2021.
- Project Management Professional (PMP), Arab Academy for Science, Technology & Maritime Transport, January 2021.
- Fundamentals of digital marketing by Google, October 2020.
- TOEFL ITP, AMIDEAST, December 2019.
- ICDL Certificate, Electronic Research Institute, December 2014.

TRAININGS AND WORKSHOPS

- WHO mRNA Technology Transfer Hub Program First Laboratory-scale Training, South Africa Hub, Cape Town August 2022.
- Virtual cGMP Training Marathon for Vaccine Manufacturing, WHO, November 2021.
- Introduction to Poliomyelitis and the Global Polio Eradication Initiative, WHO, July 2021.
- Transfer of Technology, Developing Countries Vaccine Manufacturer Network (DCVMN), June 2021.
- Supply Chain Management at the Pharmaceutical Industry, Eva Pharmacists Academy, April-June 2020.
- Management of infectious diseases, sponsored by Eva Pharma, accredited by Skaggs School of Pharmacy & Pharmaceutical sciences, University of Colorado Anschutz Medical Campus, 2020.
- Using medicines with the prospective of quality.
- MENA Biosimilar training, Egypt, sponsored by Hikma, 2019.
- Evaluation Excellence “Workshop for assessment of biologics”, sponsored by Roche, 2017.
- Common Technical Document for Pharmaceutical Registration, organized by CAPA, 2017.
- Global EU experience for Biotech/Advanced therapies Assessments, sponsored by Merck, 2016.
- First MENA Educational Workshop on similar Biotherapeutic product by GaBI journal, Dubai, 2015.
- Good Manufacturing Practice for Biologicals, 2014.
- Qualification of new CAPA pharmacists, 2013.
- Common Technical Document (CTD) Training, organized by SIPS, 2012.
- Biopharmaceutics, jointly conducted by Temple University School of Pharmacy and Future University in Egypt Faculty of Pharmacy, 2010.
- Drug Design, jointly conducted by Temple University School of Pharmacy and Future University in Egypt Faculty of Pharmacy, 2010.
- Production & Quality Control Department program at Minapharm Pharmaceuticals, 2010.
- RTC soft skills program, Future University in Egypt 2010.
- Summer Training at Global Napi Pharmaceuticals (GNP), 2009.

Contributions:

- Global event on Enhancing the Sustainability of Investment for Vaccine Manufacturing in Africa. www.unctad.org/system/files/information-document/Programme_1.pdf
- The mRNA Vaccine Technology Transfer Hub: a pilot for transformative change for the common good, Els Torreele. https://cdn.who.int/media/docs/default-source/immunization/mrna-ttp/april-2023/6_torreele_whocouncil.pdf?sfvrsn=ee677711_1
- Global event on WHO/MPP mRNA Technology Transfer Programme, Cape Town, April 2023
- Speaker at the 5th Civil Society Virtual Forum, Sep. 2023.
- Speaker at the International Conference on Innovation, Intellectual Property and Technology Transfer in Africa's Pharmaceutical Sector, 25-26 March 2024, Addis Ababa, Ethiopia. <https://www.aptfound.org/past-events/confirmed-speakers>
- Panel Discussion in Merck webinars in collaboration with Afrigen Biologics, June 2024. https://event.on24.com/wcc/r/4583155/CFA44212BB2C4EC6D43264499732FECD?tf_a_1651=TAC00005061&utm_source=everyonesocial&utm_medium=cpc&utm_campaign=mrna+technology+transfer+hub+program-tid-TAC000005061&partnerref=everyonesocial&es_id=96f1cfb0a0
- World Vaccine Congress Europe, Barcelona, October 2024. <https://www.terrapinn.com/conference/world-vaccine-congress-europe/>