

Curriculum Vitae

Noha Mahmoud Zahran. (*MD, PhD*)

Doctorate Degree of histology & cell biology

Professor of histology & cell biology, Alexandria faculty of medicine

CONTACT INFORMATION:

Name: Noha Mahmoud Abdelrahman Zahran

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PERSONAL STATEMENT:

Date & place of birth: 10/ 10/ 1974 - Alexandria – Egypt

Home address: 13 abdallah el gheriany saba pasha, Alexandria- Egypt

Nationality: Egyptian

Marital status: divorced with 2 sons

Sons:

Khaled Waleed Abdelmaksoud , graduated from faculty of business (marketing) AASMT /Coventry

Mohamed Waleed Abdelmaksoud, 3rd grade, Faculty of business information Sciences, AASMT

Personal skills:

Language proficiency: Fluent English

Computer skills: Professional use of computer programs and internet

ACADEMIC DEGREES:

- ***Doctorate degree of histology & cell biology -*** Alexandria faculty of medicine (2008)
- ***Master degree of histology & cell biology***- Alexandria faculty of medicine (June 2004) "very good"
- ***MBBCh degree – Alexandria faculty of medicine*** (october 1997) "excellent with honor degree"
- ***GCE high school graduation*** (1991)

ACADEMIC EXPERIENCE:

- ***Professor of histology & cell biology,*** Alexandria faculty of medicine (since February 2022)
- ***Assigned professor of histology & cell biology***, Alexandria national university ANU (academic year 2022/24)
- ***Assigned professor of histology & cell biology***, Alamein international university AIU (academic year 2019/24)
- ***Associate professor of histology & cell biology***, Alexandria faculty of medicine (January 2016 till February 2022)
- ***Assigned associate professor of histology & cell biology***, AASTMT (academic year 2018/23)
- ***Lecturer of histology & cell biology,*** Alexandria faculty of medicine (September 2008- February 2016)
- ***Assigned lecturer of histology & cell biology***, Pharos University (academic year 2009/12)
- ***Assistant lecturer of histology & cell biology***, Alexandria faculty of medicine (October 2004- July 2008)
- ***Demonstrator of histology & cell biology***, Alexandria faculty of medicine (December1999- October 2004)
- ***General practitioner*** at ministry of health hospitals (March: December 1999)
- ***House officer*** at Alexandria main university hospitals (March 1998- March 1999)

PROFESSIONAL EXPERIENCE:

- ***Head of histology & cell biology department from February 2022 till now***
- ***Job responsibilities:***
  - Participation in Alexandria faculty of medicine planning for research and fund raising.
  - Planning for faculty capacity building projects as centers of excellence in Alexandria University, set up and upgrade of department lab facilities, technology alliances, incubators, microtomes, staining devices & microscopes.
  - Encouraging junior histology staff for international partnership, technology transfer, research activities, research projects, and staff exchange programs.
  - Participation in set up and revising "Alexandria faculty of medicine strategic plan" (2024)
  - Technical & administrative management of all histology department duties in faculty of medicine Alexandria University.
  - Collaboration with other faculty departments& special units e.g. international program, Manchester program, assessment unit office.
  - Preparing teaching schedules, teaching utilities, undergraduate & post graduate exams, dissemination of assignment projects for undergrads & postgrads

  - ***Executive director of international medical program –faculty of medicine - Alexandria University (from August 2019 till July2021)***
  - Technical, financial & administrative management of Egyptian and international student's registration and teaching process in faculty of medicine Alexandria University.
  - Collaboration with other faculty departments for international students classes, revisions, exam preparations & management with stumbled students.
  - Preparing teaching schedules, teaching utilities, undergraduate & post graduate exams.
  - Medical insurance for international students.
  - Preparing international day and different activities for Egyptians & international students.
  - Management of educational process during COVID crisis for example online teaching via Microsoft teams & online exams.
  - Supervision of control units for exams results for undergrads & postgrads.
  - Participation in different social and official events in different cultural mission offices (Saudia Arabia &Kuwait office).

- ***Assistant of Vice dean of students affair in administrate supervision for Mowasat teaching building-faculty of medicine – Alexandria university (January2019- October 2020)***
- Support capacity building, human resources and infrastructure.
- Management of running capacity building projects in Mowasat departments.
- Assessment of crisis management and safety precautions during COVID crisis.
- Preparation & supervision of different student's events, medical undergrads conference & activity days.

- ***Academic coordinator for international medical program - Alexandria faculty of medicine (August 2015- July 2018)***

- Coordination with faculty departments for international students classes, revisions, exam classes & announcement preparations & management with stumbled students.

OTHER PROFESSIONAL ACTIVITIES:

- ***Head of undergrads exam control unit in international medical program (2009- 2015)***
- ***Coordinator for histology & cell biology doctorate degree (2016-2021).***
- ***Coordinator for histology master degree (2009-2015).***

TEACHING EXPERIENCE

For undergraduate students (medical, pharmacy, dentistry & physiotherapy):

- ***Head of histology program for medical students in faculty of medicine Alexandria national University ANU 2022-2024***
- ***Academic coordinator*** of second year medical students (international program) in Alexandria university 2004-2010.
- Teaching histology through virtual, conventional face-to-face lectures and practical classes ***in Alexandria faculty of medicine.***
- Teaching histology & cell biology through TBL and PBL.
- Online teaching of histology through developing open educational resources OERs (lectures uploaded on the AFM portal) and interactive online lectures and classes.
- Assessment of students through; written exams, assignments, practical and oral exams.

- ***Head of final exam control committee for 1st year students*** (international program at faculty of medicine Alexandria university).
- ***Head of final exam control committee for 2nd year students*** (international program at faculty of medicine Alexandria university).
- ***Head of final exam control committee for 3rd year students*** (international program at faculty of medicine Alexandria university).
- ***Head of final exam control committee for 4th year students*** (international program at faculty of medicine Alexandria university).
- ***Head of final exam control committee for 5th year students*** (international program at faculty of medicine Alexandria university).
- ***Head of final exam control committee for 6th year students*** (international program at faculty of medicine Alexandria university).
- ***Teaching & examining histology courses for medical students in Manchester program*** (the only joint undergrad medical program degree in Egypt established in 2021).faculty of medicine Alexandria university.
- ***Coordination of BMS103 course "medical anatomy & histology"*** in pharmacy program in Alamein international university (AIU) 2019-2024.
- ***Course instructor histology for physiotherapy***" in Pharos University 2011-2015.
- ***Course instructor histology for dentistry"*** in Pharos University 2009-2012.
- ***Course instructor of histology for pharmacy"*** in Pharos University 2009-2010.
- ***Course instructor of histology for pharmacy"*** in AASMT University 2018-2021.

For postgraduate students:

- ***Coordinator of master of histology & cell biology program*** (developing, and updating the program file, coordination of all relevant activities)
- ***Instructor of a number of courses in master and PhD programs of histology and other specialties (cell biology II, organ I***)
- ***Instructor of histology course in master degree program*** of dentistry& orthopedics.
- ***Member of final exam control unit for postgraduates***

COMMITTEE MEMBERSHIP:

- Alexandria faculty of medicine council
- Alexandria faculty of medicine Community service and development council
- Alexandria faculty of medicine medical scientific journal committee
- Alexandria faculty of medicine undergraduate committee
- Alexandria national faculty of medicine council

KEY SKILLS & INTEREST:

Academic:

- Histology & cell biology teaching and education for all medical and health sectors (faculties of medicine, dentistry, pharmacy, physiotherapy, others)
- Undergraduate and postgraduate (master, doctorate) teaching, assessment, curriculum design and coordination.
- Set up of histology courses in all fields of study.
- Development of histology courses' curricula for the undergraduate medical students (integrated and module systems) in musculoskeletal, genitourinary system (coordinator), and participation of developing all other courses curricula.
- Participation in writing histology books and lecture notes in histology & cell biology department of Alexandria faculty of medicine and general histology & genetics for paramedical students.

Research:

- Histology and ultrastructural structure
- Stem cell.
- Nanoparticles & exosomes.

Professional:

- Administrative management

- Thesis writing
- Education for undergrads and postgrads
- students assessment and follow up
- Open education

CONFERENCES "from them":

- Alexandria faculty of medicine annual conference (2008- 2010)
- Pharmaceutical nanotechnology and new therapies. Electron microscopic unit workshop faculty of science Alexandria university 2016
- "PCR &DNA damage" workshop in Medical biochemistry department faculty of medicine 2017.
- Speaker in cardioalex annual conference" inflammation and endothelial dysfunction" 2017 The Integrative Symposium on Renal Failure April 22nd, 2012 Alexandria Faculty of Medicine.
- The 32nd Annual Conference of Alexandria Faculty of Medicine 5-6 March, 2014. Alexandria Faculty of Medicine.
- The Egyptian Association of Advancement of Medical Basic Sciences (EAMBS). Immuno-vascular disorders Monday, 22nd March, 2010 Faculty of Medicine, Alexandria University, Immuno-vascular disorders Advances in Adiposity & Neurocogenition conference 19th of March 2015 Bibliotheca Alexandria.
- 1st Integrated Scientific Conference of Medical Biochemistry (BioBone) Wednesday, April 24, 2013. Faculty of Medicine, Alexandria University,
- 2nd Integrated Scientific Conference of Medical Biochemistry, Thursday, May 15, 2014 Faculty of Medicine, Alexandria University.
- 3rd Integrated Scientific Conference of Medical Biochemistry (Bioliver) Thursday, May 14, 2015 Faculty of Medicine, Alexandria University,
- 11th Annual Conference. The Egyptian Association of Advancement of Medical Basic Sciences (EAMBS). Monday, 28th April 2014. Faculty of Medicine, Alexandria University. The Burn Wound: From Basics to Management.
- Alexandria faculty of medicine annual conference chairperson 2024
- 1st international conference of human anatomy and embryology (2017)
- Annual official Alexandria house officers congress conference chairperson 2020.
- Chairperson of Annual official Alexandria house officers congress conference 2023.
- 15th annual conference of the Egyptian association of advancement of medical basic sciences (EAMBS): Immunomodulation, a new era in medicine (2018)
- 2nd conference of French section of Alexandria faculty of medicine " nutrition-cancer" 2019
- 16th annual conference of the Egyptian association of advancement of medical basic sciences

(EAMBS): fever updates, a new era in medicine (2019)

- Chairperson for future of RNA applications: diagnostics, therapeutics and prevention conference of the Egyptian association of advancement of medical basic sciences (EAMBS) 2024
- Chairperson for Annual quality assurance conference faculty of medicine Alexandria university : towards a sustainable future 2024

Faculty and Leadership development center certificates:

- **Executive leadership development. 2021**
- **E-exams. 2021**
- **Leadership and strategic thinking. 2021**
- **University laws and regulations. 2018**
- **Experimental design and statistical analyses system SPSS. 2021**

PUBLICATIONS "from them":

- **Books of histology & cell biology**
- **A number of research articles in histology, ultrastructure and cell biology.**

link: google scholar -

- Can Acai- Berry ameliorate pulmonary alveolar changes induced by Simvastatin on adult male albino rats (Egyptian journal of medical sciences; 2014)
- Protective Effect of L-Carnitine and Vitamin E on Cyclophosphamide Induced Toxicity on Rat Testes (Egyptian journal of anatomy; 2019)
- Effect of Platelet-Rich Plasma in Cyclophosphamide-Induced Ovarian Failure in Albino Rats: Histological and Anatomical Study (Egyptian journal of histology; 2021)
- Possible Disrupting Effect of Different Doses of Butylated hydroxyanisole (BHA) on Thyroid Follicular Cells of Adult Male Albino Rats: Anatomical, Histological & Biochemical Study (Egyptian journal of histology; 2021)
- Comparative study of the therapeutic potential of mesenchymal stem cells derived from adipose tissue and bone marrow on acute myocardial infarction model Oman medical

Journal, February 2019

- Irisin vs. Treadmill Exercise in Post Myocardial Infarction Cardiac Rehabilitation in Rats Archives of Medical Research, February 2019
- Functional and Morphological Consequences after Atorvastatin Intake in a Rat Model of Intracerebral Haemorrhage Bulletin of Egyptian Society for Physiological Sciences July 2020
- Histological and physiological studies of the effect of bone marrow-derived mesenchymal stem cells on bleomycin induced lung fibrosis in adult albino rats Tissue Engineering and Regenerative Medicine August 2020
- Effects of intra-articular corticosteroid versus platelet- rich plasma on induced knee osteoarthritis in adult albino rats. Histological and anatomical study Egyptian Journal of Histology, May 2021

THESIS SUPERVISION: "from them":

Doctorate degree:

- Effect of platelet-rich plasma on the ovary of albino rats in cyclophosphamide-induced ovarian failure: a morphometric and immunohistochemical study.
- Effects of intra-articular corticosteroid versus platelet- rich plasma on induced knee osteoarthritis in adult albino rats. Histological and anatomical study
- Comparative study of the therapeutic potential of mesenchymal stem cells derived from adipose tissue and bone marrow on acute myocardial infarction model

Master degree:

- Protective Effect of L-Carnitine and Vitamin E on Cyclophosphamide Induced Toxicity on Rat Testes.
- Histological and physiological studies of the effect of bone marrow-derived mesenchymal stem cells on bleomycin induced lung fibrosis in adult albino rats