



Curriculum Vitae (CV) for Faculty Staff

Personal statement:

Dedicated medical educator and researcher with expertise in histology, stem cell biology, and embryology. Experienced in teaching, mentoring, and publishing internationally recognized research. Passionate about advancing medical education and fostering innovation in biomedical sciences.

1. Personal Information	
Name:	Mohamed Elsayed Mohamed Amer
Date and place of birth	01/10/1984, Egypt
Faculty:	Faculty of Medicine
Department:	Histology and Cell Biology
Contact info.	Email: midoagamy2023@gmail.com; mmamer@horus.edu.eg Mohamed.amer@isums.edu.jo Phone: (+20) 01066479605 +962792032320.

2. Education			
Date	Issuing institute	Field	Degree
2007	Al Azhar University	Medicine & General Surgery	MBBCh
06/2015	Al Azhar University	Histology & Cell Biology	M.Sc
06/2018	Al Azhar University	Histology & Cell Biology	MD

3. Specialization and area of interest	
General	Histology & Cell Biology; Medical Education
Focus area	Tissue culture; Stem cell identification/isolation & labeling; Immunohistochemistry; Electron & inverted microscopy; Embryology

4. Professional experience	
Position	Date



Lecturer (Assistant Professor) of Histology & Cell Biology — Al-Azhar University / Horus University	07/2018 – Present
Physician & Assistant Lecturer — Histology & Cell Biology, Al-Azhar University (Damietta)	14/07/2015 – 24/08/2018
Demonstrator — Histology & Cell Biology	26/08/2012 – 14/07/2015

5. Research Experience

Tissue culture; stem cell research and training; histological techniques; immunohistochemistry; electron/inverted microscopy; applied pathology

Supervised MD thesis: “Cell-Free Therapy as A new Treatment Strategy in an Albino Rat Model of Cerebral Ischemia (Histological Studies)” (defended 2023).

6. Publications

Name of Author(s)	Title
ORCID:	
Doaa A. Badr ¹ , Mohamed E. Amer ² , Wagih M. Abd-Elhay ³ , Mohamed S. M. Nasr ³ , Tamer M. M. Abuamara ³ , Harbi Ali ¹ , Aly F. Mohamed ^{4*} , Maha A. Youssef ⁵ , Nasser S. Awwad ⁶ , Yi-Hsu Ju ^{7,8,9} and Ahmed E. Fazary ^{1*}	Histopathological and genetic changes proved the anti-cancer potential of free and nano-capsulated sinapic acid.
Mohammed A Alshehri ¹ , Piotr M Wierzbicki ² , Hassan F Kaboo ³ , Mohamed S M Nasr ³ , Mohamed E Amer ⁴ , Tamer M M Abuamara ³ , Doaa A Badr ⁵ , Kamel A Saleh ¹ , Ahmed E Fazary ⁵ , Aly F Mohamed ⁶	In vitro evaluation of electroporated gold nanoparticles and extremely-low frequency electromagnetic field anticancer activity against Hep-2 laryngeal cancer cells
Reda S. Taha ¹ , Ahmed S. Abdmonsef ² , Mohamed E. Amer ³ , Medhat M. Darwish ⁴	Renal Changes (Structural and Functional) in The High Fat Diet-Induced Obesity and The Effect of Food Restriction: An Experimental Study.



Aly Fahmy Mohamed 1, Tamer M M Abuamara 2, Mohamed E Amer 3, Laila E Ei-Moselhy 4, Tamer Albasyoni Gomah 3, Emadeldin R Matar 5, Rania Ibrahim Shebl 6, Said E Desouky 7, Mohammed Abu-Elghait 8	Genetic and Histopathological Alterations in Caco-2 and HuH-7 Cells Treated with Secondary Metabolites of Marine fungi
Adel-El-bialy1 , Ahmed M. Mansour2 ,Tamer M. M. Abuamara3 , Mohamed E. Amer4 , Rania I Shbel5 , Emadeldin R Matar6 , Mohamed Abulghait7 and Aly Fahmy Mohamed7 *	Histopathological, Biochemical and Genetic Profile Post Application of Free Silver Nanoparticles and H ₂ O ₂ Combined Form in Vitro Study.
Ahmed E Fazary 1 2, Mohammad Y Alfaifi 3, Serag Eldin I Elbehairi 3 4, Mohamed E Amer 5, Mohamed S M Nasr 6, Tamer M M Abuamara 6, Doaa A Badr 1, Yi-Hsu Ju 7, Aly F Mohamed 8	Bioactivity Studies of Hesperidin and XAV939
Rania Ibrahim Shebl 1, Mohamed E Amer 2, Tamer M M Abuamara 3, Emadeldin R Matar 4, Hassan Fathy Ahmed 3, Tamer Albasyoni Gomah 2, Laila E El Moselhy 2, Mohammed Abu-Elghait 5, Aly Fahmy Mohamed 6	Staphylococcus aureus derived hyaluronic acid and bacillus Calmette-Guérin purified proteins as immune enhancers to rabies vaccine and related immunohistopathological alterations

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7. Conferences and Presentations		
Name- organizer	Place and date	Type of participation
First Annual Conference of Histology and Cell Biology & Workshop on Isolation of Stem Cells from Bone Marrow	28–29/12/2015_ Histology & Cell Biology Dept., Faculty of Medicine, Al-Azhar University.	



ESPCR Annual Conference “Stem Cell Therapy Facing New Challenges”	26–27/02/2016 — Grand Nile Hotel.	Attending
The 1st conference of stem cells and treatment of liver, kidney, heart and infertility diseases	11/12/2014 — Nile Center for Experimental Research (NCER), ASSCMB, Mansoura University.	Attending
Workshop “The Research Methodology Course”	19–23/12/2015 — Community Medicine Dept., Faculty of Medicine (Cairo), Al-Azhar University.	Attending

8. Training courses

Course name-organizer	Date
Self-Institution Assessment — Al-Azhar University Quality Assurance & Training Center.	07–08/08/2020
Student Evaluation — Al-Azhar University Quality Assurance & Training Center.	09/08/2020
Research Design Skills — Al-Azhar University Quality Assurance & Training Center.	10/08/2020

9. Teaching Experience for last 5 years

Course Name	Year	Institute
Histology & Cell Biology (Lectures & Practicals) for 1st & 2nd-year Medical Students; sessions for 1st-year Pharmacy students.	2020–2024	Al-Azhar University / Horus University



12. Other skills
Languages: Arabic (mother tongue) Second Language: English
Job-related: Mentoring; Microsoft Office (Word, PowerPoint, Excel, Windows, Internet); Database search systems
Communication & interpersonal: Good communication; Reliability; Independency; Resilience; Loyalty; Trustworthy; Volunteering; Willing to learn; Team working Other: First aid; Passionate reader; Community reading support; Driving license (Cairo, 2013)



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