



Curriculum Vita (CV) for Faculty Staff

Personal statement:

I am an accomplished Associate Professor of Pathology with over 14 years of academic, clinical, and research experience in Egypt, Lebanon and Jordan. My career has been devoted to advancing pathology education, diagnostic practice, and translational research. I hold an M.B.B.Ch., M.Sc., and M.D. in Pathology from Tanta University, where I graduated with honors and ranked among the top of my class. My teaching philosophy is built on interactive, competency-based learning, and I have held multiple teaching and supervisory roles at medical, dental, and nursing faculties. In addition, I actively contribute to curriculum development, academic counseling, and the integration of innovative educational technologies. My research spans oncologic, molecular, and immunohistochemical pathology, with a strong publication record in international peer-reviewed journals. I am also an active participant in conferences and professional societies, reflecting my commitment to lifelong learning and advancing medical science. My career objective is to combine academic leadership, innovative research, and high-quality medical education to contribute meaningfully to the global medical community.



1. Personal Information	
Name:	Hend Salah Ali Abo Safia
Date and place of birth	Gharbia governrate – Egypt 11/9/1986
Faculty:	Faculty of medicine
Department:	Basic medical sciences
Contact info.	Tel :01229237069 -0795995868 e-mail: hendsalah@isums.edu.jo hendabosafeia@med.tanta.edu.eg hend_salah7@yahoo.com hendsalahsafia@gmail.com



2. Education

Date	Issuing institute	Field	Degree
2009	Tanta University	Medicine and general surgery	M.B. B. Ch, .
2014	Tanta University	Basic medical sciences (pathology)	M.Sc.
2018	Tanta University	Basic medical sciences (pathology)	M.D
2023	Tanta University	Surgical pathology	Assistant prof of pathology

3. Specialization and area of interest

General	<ul style="list-style-type: none">• Histopathology and diagnostic surgical pathology• Oncologic pathology with focus on thyroid, breast, ovarian, hepatic, and CNS tumors• Immunohistochemistry and molecular pathology in cancer diagnostics and prognostication• Experimental pathology and toxicologic pathology
Focus area	<ul style="list-style-type: none">• Tumor biomarkers and molecular diagnostics• Cancer microenvironment and tumor-associated immune responses• Translational pathology: linking bench research with clinical applications• Experimental models of drug toxicity and therapeutic interventions• Stem cell biology and regenerative pathology• Medical education and competency-based pathology teaching



4. Professional experience

Position	Date
House officer in Tanta University hospitals.	1/3/2010 to 29/2/2011
- Demonstrator of pathology in the Faculty of Medicine- Tanta University.	From November 2011 to April 2014
- Assistant lecturer of pathology in the Faculty of Medicine – Tanta University.	April 2014 till October 2018
- Lecturer of pathology at Pathology Department, the Faculty of Medicine – Tanta University.	October 2018 till 2023
- Lecturer at Tanta Technical health institute teaching applied histopathology.	October 2018 till 2023
- Associate professor of pathology at Beirut Arab University.	October 2020 till May 2021
- Lecturer of pathology at Faculty of Dentistry and Oral medicine, Tanta University (for 1 year).	October 2020 till September 2021
- lecturer of pathology at Faculty of Nursing, Tanta University (condensed program).	September 2021 till April 2023
- Lecturer of pathology at Faculty of Nursing, Tanta University (technique special program).	September 2021 till April 2023
- Associate professor of pathology at Al Salam University in Egypt, Faculty of Dentistry and Oral medicine.	October 2022 till May 2023
- Associate professor of Pathology at department of basic medical sciences, Faculty of Medicine, Ibn Sina University For Medical sciences Amman - Jordan.	November 2023 till now



5. Research Experience

I have extensive research experience in histopathology, immunohistochemistry, and experimental pathology, with a particular focus on oncologic biomarkers, tumor microenvironment, and therapeutic evaluation.

- **Master's Thesis (2014):** *Immunohistochemical Study of Stem Cell Markers in Astrocytic Tumors* – demonstrated the prognostic role of nestin and CD133 in tumor aggressiveness.
- **Doctoral Thesis (2018):** *Nuclear Morphometry and Immunohistochemical Expression of HBME1 and CD56 in Thyroid Lesions* – contributed to differential diagnostic markers in thyroid pathology.
- **Publications:** Authored and co-authored over 19 peer-reviewed articles covering astrocytic tumors, thyroid lesions, breast cancer, ovarian tumors, hepatocellular carcinoma, urothelial carcinoma, and experimental models of drug toxicity and therapy. Publications are indexed in international journals such as *Naunyn-Schmiedeberg's Archives of Pharmacology, Experimental Parasitology, Pathogens and Global Health, and ecancer*.
- **Collaborative & Interdisciplinary Research:** Contributed to experimental pathology projects investigating nephrotoxicity, hepatotoxicity, cardiotoxicity, and parasitic infections, assessing therapeutic roles of novel drugs, natural products, and stem cell therapy.
- **Supervision of Graduate Theses:** Supervised multiple M.Sc. and M.D. theses in pathology and parasitology, guiding research on tumor markers, hepatocellular carcinoma, ovarian granulosa cell tumors, triple-negative breast cancer, and antiparasitic therapeutics.

Research Interests:

- Molecular and immunohistochemical pathology of tumors
- Prognostic and diagnostic biomarkers in oncology
- Experimental pathology and drug toxicity studies
- Translational research integrating pathology and clinical therapeutics



6. Publications

Name of Author(s)	Title
ORCID: http://orcid.org/0000-0001-9117-4441 Google Scholar: https://scholar.google.com.eg/citations?user=HaPQw6UAAAAJ&hl=ar ResearchGate: https://www.researchgate.net/profile/Hend-Salah?ev=hdr_xprf Web of science: https://www.webofscience.com/wos/author/record/OOM-5925-2025	
Mohamed M. Shareef, Rania E.S. Wasfy, Hend S. Abo Safia and Karima I. Marey	Stem cell markers nestin and CD133 are markers of aggressive behavior in astrocytic tumors: an immunohistochemical study in an Egyptian population. Egyptian Journal of Pathology 2015, 35:47–52.
Hend S. A. Abo Safia , Samir N. Mina, Zeinab M. K. El-Guindy, Omnia M. K. Rizk and Dareen A. M. Ali.	Nuclear Morphometric Study in Different Thyroid Lesions. <i>Int.J.Curr.Microbiol.App.Sci.</i> 2018, 7(09): 3483-3494.
Mohamed, D., Abo Safia, H. (2020).	'Immunohistochemical study of fibroblast activation protein and α -smooth muscle actin expression and distribution in triple-negative breast cancer', <i>International Journal of Cancer and Biomedical Research</i> , 4(1), pp. 27-34.
N. A. Soliman, R. E. Abo El Gheit, M.T. Abdel Ghafar, N. A. Abuhashish, M. A. A. Ibrahim, H. S.Abo Safia , M. H. ElSaka, A. M. Elshamy	Unraveling the biomechanistic role of Rac1/TWEAK/Fn14/NFκB intricate network in experimentally doxorubicin induced cardiotoxicity in rats: The role of curcumin. <i>J Biochem Mol Toxicol.</i> 2021;35:e2282
Heba F. Harras and Hend S. Abo Safia	Role of tumor-associated macrophages in relation to angiogenesis in urothelial bladder carcinoma. <i>International Journal of Cancer and Biomedical Research</i> Vol. 5(2): 153-160
Asmaa Mustafa Eid and Hend S. Abo Safia	TROP-2: a unique immunohistochemical marker for diagnosis of papillary thyroid carcinoma <i>International Journal of Cancer and Biomedical Research</i> Vol. 5(3): 17-26
Eid, Rania & Arafa, Mona & Ashour, Dalia & Essa, Ebtessam & Zoghroban, Hager & Issa, Yasmine & Nomeir,	Eudragit coated microemulsion for enhanced efficacy of spiramycin against toxoplasmic encephalitis. <i>Journal of Drug Delivery Science and Technology.</i> 69. (Suppl 1):103137



Hanan & Salah Hend & El Maghraby, Gamal. (2022):	
Dina M. Abou Rayia, Dalia S. Ashour, Hend S. Abo Safia , Muhammad T. Abdel Ghafar, Rania S. Amer & Abeer E. Saad	Human umbilical cord blood mesenchymal stem cells as a potential therapy for schistosomal hepatic fibrosis: an experimental study , <i>Pathogens and Global Health</i> , DOI: 10.1080/20477724.2022.2064795
Samah Elbastawesy; Fatma Ibrahim; Hend Abo Safia ; Amira El Shamy; Hoda Ibrahim; Nadia Helal.	"Nephrotoxic effect of Hydrogen Cyanamide (Dormex) and possible protective role of N-acetyl cysteine in male albino rats". <i>Ain Shams Journal of Forensic Medicine and Clinical Toxicology</i> , 39, 2, 2022, 21-29. doi: 10.21608/ajfm.2022.244112
Hend S. Abo Safia and Fatma Ibrahim (2022):	Expression of adhesion molecules CD44 and epithelial cadherin in epithelial ovarian cancer and relation to clinicopathological parameters: An immunohistochemical study <i>Egyptian Journal of Pathology</i> 2022, 42 (1):52-61.
Hager S. Zoghroban a, Basma M. Elmansory a, Yasmine Amr Issa c d, Amira K. Eltokhy b, Hend S. Abo Safia e, Gamal M. El Maghraby f, Amina M. Salama a (2023):	Novel insights on the therapeutic effect of levamisole on the chronic toxoplasmosis in mice model <i>Experimental Parasitology</i> 202310851 .
Nadia E. Helal , Fatma MKh Ibrahim , Hend S. Abo safia , Amira M. El Shamy, Hoda A. Ibrahim, Norhan Ahmed AboHashish and Samah M. Elbastawesy (2023)	The Nephrotoxic Effect Of Chloroquine, The Off-LabelAnti Covid 19 And Possible Protective Role Of Ginkgo Biloba Extract In Male Albino Rats <i>The Egyptian Journal of Forensic Sciences and Applied Toxicology</i> 23(1)49-59.
Esmail, E., El-rashidy, M., Mashhour, H., Abo-Safia, H.	Evaluation of the clinicopathological significance of E-Cadherin and Ki 67 immuno-expression in triple negative breast cancer. <i>International Journal of Cancer and Biomedical Research</i> , 2023; 7(1): 55-67. doi: 10.21608/jcbr.2023.181487.1287
Eman Ahmed Abu-Elenain, Rania El-Sayed Wasfy, Mohamed Mostafa Shareef,	Evaluation Of The Diagnostic Relevance Of Somatostatin Receptor-2a (Sstr-2a), Mucin 4 (Muc4) And Epithelial Membrane Antigen (EMA) In



Maha Mostafa Shamloula and Hend Salah Abo Safia:	Meningiomas <i>European Chemical Bulletin</i> , 2023; 12(9):2468-2486
Rehab, M., Elsaka, A., Sheir, H., Abo-Safia, H.:	Exploring the diagnostic significance of Astrocyte Elevated Gene 1 (AEG1) and Glypican 3 immunohistochemical expression in differentiating hepatocellular carcinoma and mimickers. <i>Egyptian Journal of Cancer and Biomedical Research</i> , 2024; 8(3): 30-50. doi: 10.21608/jcbr.2024.305480.1362
Alaa F. Sallam, Kholoud A. El-Nouby, Hend S. Abo Safia , And Dina. Elgendi	: IN VITRO SUSCEPTIBILITY OF GIARDIA LAMBLIA TO VONOPRAZAN <i>Journal of the Egyptian Society of Parasitology</i> , Vol. 54, No. 3, December 2024. <i>J. Egypt. Soc. Parasitol. (JESP)</i> , 54(3), 2024: 353- 359 Online: 2090-2549
Hellal, D., El-Khalik, S.R.A., Arakeep, H.M. Hend S. Abo safia et al.:	Activation of sirtuin 3 and maintenance of mitochondrial homeostasis by artemisinin protect against diclofenac-induced kidney injury in rats. <i>Naunyn-Schmiedeberg's Arch Pharmacol</i> 398, 5593–5609 (2025). https://doi.org/10.1007/s00210-024-03620-8
Safia Hend S Abo , Ghaith Ahmed F, Farghal Eman E, Amer Basma S (2025)	Assessment of mismatch repair proteins (MLH1 and MSH2) and p53 immunohistochemical expression in prostatic carcinoma: association with different clinicopathologic characteristics <i>ecancer</i> 19 1985
Sallam, A.F., El-Nouby, K.A., Safia, H.S.A. et al.	The therapeutic effects of vonoprazan against giardiasis in rats: parasitological, pathological, and immunological aspects. <i>Parasitol Res</i> 124, 91 (2025). https://doi.org/10.1007/s00436-025-08526-9
Nada Hashem Ayad a , Amira K. Eltokhy a , Hend S. Abo Safia b , Hanan M. Abdallah c , Amany Mohamed Dwidar d , Weaam Ahmed Sultan e , Kariman Helmy Elkasrawy f , Hoda Ali Mohammed Ibrahim a	Unraveling the Interplay between Sterol Regulatory Element-Binding Protein 1 (SREBP-1) and the Lipophagy Receptor Oxysterol-Binding Protein-Related Protein 8 (ORP8) in Colorectal Carcinoma. <i>The Egyptian Journal of Hospital Medicine</i> (October 2025) Vol. 101, Page 4771-4778



Balaha, D.A., Elmarhoumy, S.M., Yassen, N.A., Hend S. Abo Safia , et al	A novel therapeutic potential of the anti-HIV ritonavir against Blastocystis hominis: a dual approach in vitro and in vivo. J Parasit Dis (2025). https://doi.org/10.1007/s12639-025-01876-2
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7. Conferences and Presentations

Name- organizer	Place and date	Type of participation
The 31st annual Congress of Faculty of Medicine, Tanta University	Tanta University on March 1-4 2016. Accredited by AACME.	Attendance
The 32nd annual Congress of Faculty of Medicine, Tanta University	on March 7-10 2017 “4th international Congress”. Accredited by AACME.	Attendance
The 33rd Annual Congress of Faculty of Medicine, Tanta University	on 6-9 March, 2018 “5th international Congress” accredited by AACME	Attendance
The 36th annual Congress of Faculty of Medicine, Tanta University	on May 26-28 2021 “8th international Congress”. Accredited by AACME (virtual platform)	Attendance
The 34th Annual Congress of Faculty of Medicine, Tanta University	on 7-10 March, 2019 “6th international Congress” accredited by AACME.	Organizer
The 35th Annual Congress of Faculty of Medicine, Tanta University	on 3-6 March, 2020 “7th international Congress” accredited by AACME.	Organizer



11th Breast - Gynecological & Immunooncology International Cancer Conference under the title: One World Against Cancer	. 17-18th January, 2019, Cairo, Egypt.	Attendance
12th Breast - Gynecological & Immunooncology International Cancer Conference under the title: Global Act Against Cancer	10-11th January, 2020, Cairo, Egypt.	Attendance
13th Breast - Gynecological & Immunooncology International Cancer Conference under the title: Challenging the Impossible	21st January, 2021, Cairo, Egypt (virtual platform).	Attendance
celebrating the International Pathology Day “Pathology is Global” organized by Histopathology Lab. Shefa Al-Orman Hospital (SOH)	10th November 2021. (virtual platform).	Attendance



the EGOS gynecological pathology workshop	on 10th December 2021 via zoom webinar organized by Egyptian Gynecological Oncology Society	
14th Breast - Gynecological & Immunooncology International Cancer Conference under the title: Reshaping the future	20-21st January, 2022, Cairo, Egypt (virtual platform).	Attendance
The 38th Annual Congress of Faculty of Medicine, Tanta University	on 4-7 July, 2023 “10th international Congress” accredited by AACME	Attendance
Attending the event celebrating the International Pathology Day Event “Pathology is Global” organized by Histopathology Lab. Shefa Al-Orman Hospital (SOH)	29th November 2023. (virtual platform).	Attendance
Powering the Future of Cancer Care, Intersection of AI, Surgery and Robotics	on November 15 & 16, 2024 , 8:00 – 17:30, at the Four Seasons Hotel, Amman (6 credit hours).	Attendance
Attending the event celebrating the	, Sunday 15th December 2024	Attendance



International Pathology Day Event “Pathology is Global” organized by Histopathology Lab. Shefa Al-Orman Hospital (SOH) Luxor, Egypt	(virtual Microsoft teams' platform) (Approved for 5 CPD Credits by the Royal college of pathologists).	
The 8th International Congress for the Jordanian Society of Pathology , taking place	from 08 to 10 May 2025 at Landmark Amman Hotel & Conference Center, Amman, Jordan.	Attendance
45th Ain Shams Medical Congress 2025 SMART SOLUTIONS IN HEALTH CARE ASUMC	from 9th to 11th April 2025 at Triumph Luxury Hotel. (Virtual Microsoft teams' platform).	Attendance
Attended the “ AI in Medicine ” event at Ibn Sina University for Medical Sciences	on 18th May 2025 at Ibn Sina Grand Theater – Medicine Faculty, Ibn Sina University for Medical Sciences, Qastal – Amman 16197, Jordan	Attendance

8. Training courses

Course name-organizer	Date
Instructors in Competency – Based curriculum) at the Faculty of Medicine, Tanta University	on August 2020



<p>composed of 18 workshops (50 hours) as follow?</p> <p>- Study Plan, Self-Directed learning (SDL), Interviewing1 , Professionalism, Intended Learning outcomes 1(ILOs1), Problem Based Learning 1(PBL1), Feedback, Reflection, Team Based Learning (TBL), LS, Integration, Intended Learning outcomes 2 (ILOs2), USMLE1, USMLE2 , OSPE/OSCE, MCQ, Plan-Toolbox, TBL2, Interviewing 2 and PBL2 workshops.</p> <p>Then evaluation after the end of the 1st week and the 2nd week on application on the integrated program was done.</p> <p>2- Research Team Management.</p> <p>3- Use of Technology in Teaching.</p> <p>4- Time and Conference Management.</p> <p>5- Code of Ethics.</p> <p>6- Usage of recent technology in teaching.</p>	<p>مكتب الاعتماد وضمان الجودة Accreditation and Quality Assurance Office</p>
ISUMS/GW Webinar Series Professionalism in Medicine. /Ibn Sina University For Medical sciences	Thursday, October 31 st 2024
How to Prepare for USMLE Step I Webinar / Ibn Sina University For Medical sciences	December 10 th 2024.



ISUMS Faculty professional Development Series 2025 Managing Your Time / Ibn Sina University For Medical sciences	April 21, 2025
SMHS Center for Faculty Excellence- Engagement Techniques to Maximize Learning / Ibn Sina University For Medical sciences	May 27 th 2025
Teaching Gen Z Students Using Backward Design	Wednesday, October 29 2025 7:00-8:00PM
ISUMS Faculty Professional Development Series 2025 Workshop #3: Using AI & Other Technologies to Enhance Teaching and Learning	November 4 2025 4:00-5:30 PM
Active Learning in Action: Flipped Classrooms and Peer Instruction	Wednesday, November 12 2025 7:00-8:00PM
ISUMS Faculty Professional Development Series 2025 Workshop #4: Teaching When Time Is Limited	Tuesday, December 2 2025 4:00-5:30 PM
Active Learning Strategies in Dental Education: Team Based, Case-Based, and Problem-Based Learning	Wednesday, December 3 2025 7:00-8:00PM

Accreditation and Quality Assurance Office



9. Teaching Experience for last 5 years

Course Name	Year	Institute
General and Systemic pathology Integrated modules	2020/2021	Beirut Arab University Lebanon
General and integrated pathology	2021/2023	Faculty of medicine. Tanta university.
General pathology	2021/2022	Faculty of Dentistry and Oral medicine, Tanta University
General pathology	September 2021 till April 2023	Faculty of Nursing, Tanta University (condensed program).
General pathology	September 2021 till April 2023	Faculty of Nursing, Tanta University (technique special program).
General pathology	October 2022 till May 2023	Al Salam University in Egypt, Faculty of Dentistry and Oral medicine.
General and systemic pathology Integrated modules	November 2023 till 2025	Faculty of Medicine, Ibn Sina University For Medical sciences Amman - Jordan.



10. committees' membership and community service

Date	Name or type of membership/service
2018	<ul style="list-style-type: none">Member of the Egyptian Society of Pathology.
2022	<ul style="list-style-type: none">Membership in Egyptian Association for Cancer Research (EACR).

11. Awards And Honors

Name	Date	Issuing authority

12. Other skills

- Pathology skills:** During the period 2011- till the present time at pathology department Faculty of Medicine, Tanta University:
 - ✓ Gross pathology
 - ✓ Fine needle aspiration
 - ✓ Slide screening
 - ✓ Diagnosis
 - ✓ Writing final histopathology reports.
 - ✓ IHC slide interpretation
- Language:**
 - Arabic (native tongue)
 - English very good (written and spoken)
- Computer knowledge:**
 - Windows, Microsoft office and Internet Search



13. References

Samir Nemr Mina: professor of pathology Tanta university
Mohamed Mostafa Shareef: professor of pathology Tanta university
Maha Mostafa Shamloula: professor of pathology Tanta university
Asmaa Mustafa Eid: Assistant professor of pathology Tanta university



مكتب الاعتماد وضمان الجودة

Accreditation and Quality Assurance Office