

# CURRICULUM VITAE

## Mokhtar Abdelhammed, MD

### PRESENTING TITLE AND AFFILIATION

**07/2023 – Present**

Baylor College of Medicine, Houston, TX, United States of America

Resident, Department of Pathology & Immunology, Marwan Yared, MD

### MEDICAL EDUCATION

- MD, Cairo University Faculty of Medicine, Egypt, 2020

- ECFMG Certified 1-034-233-5 (Issued November 2021)

- USMLE (Step1 248, Step2 CK 243, Step3 231)

### WORK EXPERIENCES

**09/2022 – 07/2023**

UC San Diego, San Diego, CA, United States of America

Research Scholar Pathology Department, Jay Desgrosellier, PhD

-Engaged in understanding the contribution of cancer stem cells to breast cancer recurrence and metastasis.

-Investigated biomarkers to predict malignant progression of DCIS.

-Explored expression of targeted genes suspected to cause transition from local to invasive breast cancer.

-Applied molecular pathology laboratory techniques

**09/2021 – 09/2022**

Cairo University Hospital, Cairo, Egypt

Pathology Resident, Dina Bassiouny, MD

-Surveyed potential blood donors and processed as well as screened donated units.

-Performed blood typing/ cross matching and issuing after indications were reviewed.

-Performed and examined bone marrow biopsies/aspirates and blood smears.

-Performed Coomb's tests, G6PD, iron/reticulocytes staining and hemoglobin electrophoresis in the hematology unit.

-Conducted autoimmune profile, virology, and protein electrophoresis and immunofixation studies in the immunology unit.

-Detected and identified infectious diseases in the microbiology unit and monitored, interpreted, correlated and verified results in the chemical pathology unit.

## CERTIFICATION/LICENSURE

Texas Physician in Training Permit #BP10084892

AHA, ACLS Certified, 09/10/2024

AHA, BLS Certified, 09/01/2024

## HONORS AND AWARDS

American Society of Dermatopathologist - Research Mentorship Award (2024-2025)

Baylor College of Medicine, Trainee Research Symposium, 1<sup>st</sup> Place Winner Best Poster Presentation (2024-2025)

Peer to Peer Tutor Award - Recognition for contribution to continued medical education at Cairo University (2020).

Research Award of The Year - Appreciation for contribution to update Cairo University Hospital's guidelines (2018).

Top 20 Cairo Marathon Medal (2017).

## PUBLICATIONS

1. **Abdelhammed M**, Okundia F, Oyerinde O, Diwan A. Trimethoprim-sulfamethoxazole Induced Hyperpigmentation Mimicking a Blue Nevus on Histopathology. *American Journal of Clinical Dermatology (JCDA)*
2. **Abdelhammed M**, Dodson L, Diwan A, Xu Y. Delayed Histiocytic Reaction to Foreign Material Due to Argiform Injection for Soft Tissue Augmentation: A Rare Case with Diagnostic Pitfall and Literature Review. (Pending submission)
3. **Abdelhammed M**, Xu Y, Finch C, Diwan A. Focally Strong P16 in Malignant Proliferating Trichilemmal Tumor: A Case Report of Challenging Biopsy and Review of the Literature. (Pending submission)
4. **Abdelhammed M**, Plon S, Nuchtern J, Rainusso N, Patel K. Rare Adenoid Variant of Nevoid Basal Cell Carcinoma Syndrome in an African American Child: An Atypical Nodulocystic Presentation. (Pending submission)
5. **Abdelhammed M**, Leza-Rincon D, Schady D, Nicholas S, Moreno-McNeil D, Melicoff-Portillo E, Cortes-Santiago N. Antibody-mediated Rejection in Pediatric Lung Transplantation: Unraveling Histopathological Insights (Pending Submission)
6. **Abdelhammed M**, Roy A, Cortes-Santiago N. Gnathic Intraosseous Rhabdomyosarcoma with FUS::TFCP2: A Rare Case Study with Atypical Immunohistochemical Profile and Molecular Insights (Pending Submission)
7. **Abdelhammed M**, El-Dana F, Hicks J, Fisher K, Fuller M. Pediatric Fibromyxoid Tumor With Novel MEG3::PLAG1 Fusion: A Case Report (Pending Submission)

## Platform Presentation

1. **Abdelhammed M**, Leza-Rincon D, Schady D, Nicholas S, Moreno-McNeil D, Melicoff-Portillo E, Cortes-Santiago N. Antibody-mediated Rejection in Pediatric Lung Transplantation: Unraveling Histopathological Insights. Society of Pediatric Pathologist Baltimore, MD, United States of America

## Poster Presentation

1. **Abdelhammed M**, Dodson L, Diwan A, Xu Y. Delayed Histiocytic Reaction to Foreign Material Due to Argiform Injection for Soft Tissue Augmentation: A Rare Case with Diagnostic Pitfall and Literature Review. 27th Joint Meeting of the International Society of Dermatopathologist San Diego, CA, United States of America
2. **Abdelhammed M**, Plon S, Nuchtern J, Rainusso N, Patel K. Rare Adenoid Variant of Nevoid Basal Cell Carcinoma Syndrome in an African American Child: An Atypical Nodulocystic Presentation. 27th Joint Meeting of the International Society of Dermatopathologist San Diego, CA, United States of America
3. **Abdelhammed M**, Berger D, Hicks J. Giant Cell Fibroblastoma (GCF) with Transformation to Dermatofibrosarcoma Protuberans (DFSP). 27th Joint Meeting of the International Society of Dermatopathologist San Diego, CA, United States of America
4. **Abdelhammed M**; Abdelhamed K; Saleh, M (2017, March 24). Effects of Inter-pregnancy Interval on Maternal and Fetal Health [Poster presented]. OBGYN 18th Annual Conference /Cairo, EGY.
5. **Abdelhammed, M**; Dabash L; Alami I; Alhajei, Y (2015, November 10). Identification of Fingerprints Types. Forensic Department Conference /Cairo, EGY.

## MEMBERSHIPS

The American Society of Dermatopathology (ASDP) 07/2023

International Society of Dermatopathology (ISDP) 07/2023

College of American Pathologists (CAP) 07/2023

United States and Canadian Academy of Pathology (USCAP) 07/2023

Texas Society of Pathologist (TSP) 07/2023

Houston Society of Clinical Pathologists (HSCP) 07/2023

## VOLUNTEER EXPERIENCES

### 06/2024 - Present

Baylor College of Medicine, Houston, TX, United States of America

Facilitator, Graduate Medical Education (GME)

- Engaged participants in case-based learning activities related to Patient Safety and Quality Improvement (PSQI), Professionalism and Supervision
- Contribute to creating a positive and engaging learning experience for incoming residents and fellows
- Adapted facilitation style to suit the needs and learning styles of participants and encouraged active participation and interaction among participants
- Addressed questions and concerns raised by participants during the sessions
- Collaborated with other facilitators to ensure smooth coordination and effective sessions
- Provided feedback to organizers for continuous improvement of the orientation program

**05/2024 - Present**

Baylor College of Medicine, Houston, TX, United States of America

Preceptor, Premedical Summer Program

- Supported the professional development of future doctors
- Assisted students in the examination and diagnosis of specimens, participation in frozen section analysis during surgeries, performing autopsies and preparing autopsy reports as well as providing consultations to clinicians regarding laboratory results

**03/2024 - Present**

College of American Pathologist, Northfield, IL, United States of America

CAP Resident Forum Delegate for Baylor College of Medicine

- Communicated and presented resolutions adopted by the Residents Forum to the CAP House of Delegates

**03/2024 - Present**

Baylor College of Medicine, Houston, TX, United States of America

PA Program Course Lecturer, Valerie Degregorio, MS PA-C

- Lectured Clinical Medicine-Pathology course for Baylor College of Medicine PA program
- Tutored 40 PA students on cell Injury, cell Death, apoptosis and cell repair mechanisms
- Demonstrated principles of neoplasia including the histologic characteristics of malignant tumors compared to benign tumors and the role of epidemiologic factors in the development of cancer
- Instructed about normal cell growth and outlined the molecular steps in cell growth and factors controlling the cell cycle including checkpoints, the stages of the cell cycle and the response of the cell to DNA damage

**01/2024 - Present**

Baylor College of Medicine, Houston, TX, United States of America

2024 PathArt Contest, Lisa Hensch, MD

- Coordinated the submission of the institution pathology department PathArt contest
- Participated in the judging process of submitted artworks

**09/2023 - 03/2024**

Baylor College of Medicine, Houston, TX, United States of America

2024 Residency Selection Volunteer, Marwan Yared, MD

- Thoroughly examined pathology residency applications and assessed candidates' qualifications, including academic achievements, clinical experiences, and letters of recommendations
- Evaluated the academic credentials of applicants, including medical school performance, USMLE (United States Medical Licensing Examination) scores, research experience, and any additional certifications or honors
- Participated in interviews with selected applicants to assess their communication skills, professionalism, and compatibility with the program's culture and values
- Collaborated with fellow committee members to rank applicants based on their qualifications, interview performance, and overall fit for the pathology residency program.

**08/2022 - 09/2022**

Lancaster Cancer Center, Lancaster, PA, United States of America

Hematology/Oncology Hands-on Extern, Hyatt DeGreen III, DO

- Attained experience in investigating treatment options for a patient with rare epithelioid hemangioendothelioma.
- Acquired the skill and knowledge of performing bone marrow biopsies and aspirates under local anesthesia.
- Collaborated care with social services and hospice health system.

**07/2022 - 08/2022**

Stormont Vail, Manhattan, KS, United States of America Internal Medicine Extern, Scott A. Coonrod, MD

- Outlined patients' EMR and briefed Dr. Coonrod of patients' current complaints.
- Reviewed vaccination status with patients including pneumococcal, varicella and DTaP vaccines and the need of COVID boosters.
- Applied diagnoses algorithms and examination checklists.
- Summarized patients' labs and instructed them on their clinical significance.

**03/2019 - 03/2020**

Cairo University Hospital, Cairo, Egypt OBGYN Skill Lab Tutor, Nadine Alaa Sherif, MD

- Carried out 10 instruction sessions, each included 30 medical students and interns.
- Tutored proper handling of medical equipment including colposcopies, ultrasound devices and sound devices.

-Taught procedures including Pap smears, IUD insertion/removal and vaginal swabs.

## **CONFERENCES/MEETINGS**

- Texas Society of Pathologists 2024 Annual Conference - 02-04/February/2024
- Cytopathology and Small Biopsy Updates, Houston Methodist Research Institute 17/February/2024
- Intrahepatic Cholangiocarcinoma Pathologic Classification Updates and Expanding Horizons in Molecular Profiling, HSCP, 21/February/2024
- International Society of Dermatopathologist 27th Joint Meeting 06-07/March/2024
- Society of Pediatric Pathologists Spring Meeting 23-24/March/2024
- HSCP 63rd Annual Spring Symposium, 26/April/2024