

GENERAL INFORMATION

Date Prepared: 31 Dec 2024

Name and Degree: Aaron Han, MD, PhD
Current Rank: Professor

Office Address: 250 E Plymouth Street
Villa Park IL 60181
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Education:

Aug 1979 – May 1983
BS Chemistry
Wheaton College, Wheaton IL

July 1983 – June 1990
MD/PhD (1989 Microbiology & Immunology)
Baylor College of Medicine
Houston, TX

Place of Training

Internship
July 1990 – June 1991
Temple University Hospital
Philadelphia, PA

Residency
July 1991 – June 1993
Hahnemann University Hospital (now Drexel)
Philadelphia, PA

Hemepath Fellowship
July 1993 – June 1994
Hospital of University of Pennsylvania
Philadelphia, PA

Licensure and Certification:

Current Medical Licenses: KY and IN since 2023
Dubai Health Authority 2005 - current

American Board of Pathology Certification
Anatomic and Clinical 1995
Hematology 2000

Academic Appointments:

2019 – 2024 Professor, Mohamed bin Rashid University School of Medicine
1993 – 1994 Instructor, University of Pennsylvania School of Medicine

Hospital Appointments:

June 2024 – current

Locum Pathologist, St Elizabeth Hospital, Edgewood, KY

July 2023 – current

Locum pathology & Gratis Faculty, University of Louisville Hospital, KY

Oct 2022 – Feb 2023

Locum Hematopathologist, National Reference Lab/Cleveland Clinic Abu Dhabi, UAE

Adjunct faculty, Pathology, Khalifa University School of Medicine, Abu Dhabi

Nov 2020 – May 2023

King's College Hospital Dubai

Consultant pathologist and Chief of Pathology

Associate CMO for education/quality/clinical informatics

Infection Control physician & Chair of Infection Control Committee

Director of Anatomic pathology, Microbiology and COVID19 Labs

Clinical Informatics Physician Champion for Cerner HER

Blood Transfusion Committee

July 2005 – Oct 2020

American Hospital Dubai, United Arab Emirates

JCI and CAP Accredited, Mayo Clinic Care Network

Consultant Pathologist and Director of Hematology/Flow Cytometry

Chief Pathologist (July 2005 – June 2019)

Acting Chief Medical Officer (Nov 2015 – April 2016)

Acting Chief Operating Officer and Head of IT (2018)

Chairs: Quality Committee (2007 – 2018), IT Physician Governance (2006 – 2018), Medical Executive Committee (2015-2016)

Member: Infection Control Committee (2006 – 2020)

June 1994 – May 2005

Tower Health Reading Hospital and Medical Center, PA, USA

Staff Pathologist and Head Hematology, IHC, and

Microbiology Sections.

TRHMC Institutional Review Board (2000-05), Oncology Chair (2002-2005)

Cancer Committee (2001-2005), Chair, Tumor Conference

Continuing Medical Education Committee (2001-2005)

Epidemiology & Infection Control Committee (1999-2005)
Library Committee (1998-2005)

1996 – 2005 Central Pennsylvania Alliance Laboratory
Member, Hematology Affinity Group,
Microbiology Affinity Group, and
Anatomic Pathology Affinity Group
Chair of System Coagulation Instrumentation Evaluation Team
*-Lead 8 hospitals in evaluation and standardization of coagulation testing and
send out testing to a joint venture reference lab.*

Adjunct Instructor, Thomas Jefferson University, PA

B. Professional Societies:

College of American Pathologists, Fellow

Deputy International Commissioner for Middle East Region UAE, Cairo, &
Pakistan (2019 - current)
Includes regular educational activities or pathology lab quality practices;
organized annual education event in Dubai since 2006
Member of Committees (past Point of Care, currently International Accreditation,
& Quality Practices)
Senior Editor of Test Ordering Program Module and publications

Emirates Pathology Society, Board member and Vice President 2018 - 2024
Oversee 4 scientific activities per year as Science Chair
Oversee every 3-year international pathology conference held in the UAE, last
one December 2023 (partner with Mayo Clinic and/or Cleveland Clinic faculty)

AACC/ADLM Middle East Annual Program planning Committee (2022- current).
Annual 2 day program with USA and Middle East Faculty.

International Gynecologic Cancer Society ECHO Program Mentor (2022 –
current)
Participate as pathology subject matter expert in monthly gynecologic tumor
board for Nepal, Vietnam, Qatar

Asian Society for Digital Pathology (ASDP 2024 – current)
Education Committee
Membership Committee

ASCP International Board of Registry (2022- 2024). Advance international
education and increase numbers of internationally certified lab scientists.

Community Service Related to Professional Work:

Advisory Board, American University in Dubai, 2018 - current
Advisory Board, Gulf Medical University, Ajman, UAE, 2024 - current
Dubai American Academy (high school seniors) Career Day. Jumeirah Beach Hotel. UAE 27 Jan, 2010, March 2011.

Editorial Boards (Ad hoc)

Cancer
Cancer Cytopathology
Cancer Detection and Prevention
Cancer Therapy
Clinical Chemistry and Lab Med
Cytopathology
Gynecologic Oncology
International Journal of Gynecological Cancer
Modern Pathology
New Emirates Medical Journal

Awards and Honors:

Wheaton College Scholastic Honor Society, 1982, Wheaton IL
NIH Medical Scientist Training Program Awardee, 1983-1990, Houston
Sigma Xi Dissertation Excellence Award, 1990, Houston, TX
Sigma Xi Honor Society, 1990
ArabHealth 2008 Lab Specialist Award, Dubai
Gulf Medical University Emirates Pathologist Award, 2014, Ajman, UAE
Emirates Medical Association Pathology Contribution Award, 2021, UAE
College of American Pathologists Lifetime Achievement Award, Chicago, 2023

RESEARCH, TEACHING AND CLINICAL CONTRIBUTIONS

A. Research

Internal funding projects
Colon cancer epidemiology and genetic profile in the UAE, ongoing (King's College Hospital Dubai).

Polycystic ovary disease cell and tissue base studies (MBRU School of Medicine).

COVID testing methods, and saliva testing (MBRU and DHA funding 2019-2020).

Thyroid pathology in the UAE (MBRU School of Medicine funded till 2019).

Pharma funded projects
Characterization of ESBL organisms in the UAE. Multicenter.

B. Teaching

MBRU, Dubai

1. Course coordinator Skin Course Spring 2019 – 2020

Attending and lead

Medical students, 65 on average per class,
20% effort, 30 contact hours per semester.

2. Co-coordinator, Pathology course year round 2019-2020

Attending and lead

Medical students, 65 on average per class,
Average 5 contact hours per semester. Not including MCQ exam development
and proctoring of exams.

3. Respiratory course Spring 2017-2019

Attending

Medical students, 65 on average per class,
Average 5 contact hours per year. Not including MCQ exam development and
proctoring of exams.

4. Reproductive course pathology Spring 2018-2023

Attending

Medical students, 65 on average per class,
Average 4 contact hours per year. Not including MCQ exam development and
proctoring of exams.

5. Neuroscience course pathology Spring 2018-2023

Attending

Medical students, 65 on average per class,
Average 7 contact hours per year. Not including MCQ exam development and
proctoring of exams.

6. Gastrointestinal course pathology Fall 2018-2023

Attending

Medical students, 65 on average per class,
Average 10 contact hours per year. Not including MCQ exam development and
proctoring of exams.

7. Hematology course pathology Fall 2018-2023

Attending

Medical students, 65 on average per class,
Average 12 contact hours per year. Not including MCQ exam development.

8. Health Systems and quality improvement course and student PI projects

2019-current, year round

Attending

Medical students, 65 on average per class,

Average 9 lecture hours per year.

Supervising of student QI projects, average 100 hours per year 5-6 students per project.

Khalifa University, Abu Dhabi

Hematology Practical Session, 2 hours fall semester

Attending

Medical students, 40 on average per class,

Average 4 lecture hours per year. Creating test MCQ

B. Invited teaching presentations

1. Pathology lectures for TRHMC Family Medicine Residency Program, School of Clinical Laboratory Sciences, Reading Hospital Regional Cancer Center patient educational activities. Average 3 contact hours per year, 1999-2005
2. Continuing education lectures for the Lehigh Valley Chapter of the Pennsylvania Society of Clinical Laboratory Science. Average 2 contact hours per year, 2001-2005
3. Pathology lectures for Reading Area Community College Nursing Program. 2 one-hour sessions, 2004

C. Advisory and supervisory responsibilities in clinical or laboratory setting

Organized rotations for medical students and med tech students at American Hospital Dubai, and King's College Hospital Dubai, 2006 - 2023

15% effort

D. Teaching leadership role in department/affiliated Institution/Medical School

Course coordinator skin course, MBRU School of Medicine Dubai (2019-2020)

-Skin course study guide, formation of MCQ question and curate test bank.

E. Names of advisees or trainees:

Maryam Al Nasir, Master student, Gulf Medical University Ajman, UAE, 2020.

Current molecular med tech King's College Hospital Dubai.

Sherareh Khoramirouz, PhD Candidate, Manipal University Dubai. 2023 - current

Maimona Weisy, MBBS student, Istinye University Medical School, Istanbul, Turkey. Clinical year.

F. Invited presentations

1. Digital pathology and AI: Cancer care three-fold mission and triple aim. Egypt NCI program. 28 Nov 2024.
2. Myeloma update. ADLM Middle East Dubai. Nov 24, 2024.
3. Quality in the Chemistry lab. ADLM Middle East Dubai, Nov 23, 2024.
4. Chair of innovation session. Asia Society of Digital Pathology. 1st annual Congress, Seoul, Korea. 4 Oct, 2024
5. Interim Self Assessment. CAP Education seminar. Cairo Egypt. 2 Sept 2024.
6. Getting the most out of your PT program. CAP Education seminar. Cairo, Egypt. 2 Sept 2024.
7. Quality in the Chemistry Lab. SNIBE Day. Shenzhen China. 26 Aug. 2024
8. Lab Leadership and Management. Morocco Lab Seminar. 2 July, Casablanca. 2024.
9. Risk management in the Lab. BD Prime Seminar Dubai. 27 June, 2024 (hybrid).
10. Eurasia workshop. UAE experience in Digital pathology and AI. European Digital Pathology Conference. Lithuania 8 June 2024
11. AI and pap smears. Dubai Litou seminar 2 June 2024.
12. AI in cancer IFCC, World Lab, Dubai 28 May.
13. Preanalytical process improvement. Greiner Saudi workshops. 20, 21 May 2024, Riyadh and Jeddah
14. Lab quality and risk management. Bahrain Siemens event. 29 April 2024
15. Big data. Future of Lab Conference. MEDLAB Dubai, 7 Feb 2024.
16. AI in pathology. NextGen Conference. MEDLAB Dubai. 5 Feb 2024.
17. Best practices in point of care testing. CAP Education day, Dubai, 4 Feb, 2024
18. Risk management in hematology. HAEMCON Pakistan. 2 Feb, 2024
19. Digital pathology workshop, Chair. Emirates Surgical Pathology

Conference. 15 Dec 2023.

20. Best practices in haematology lab. Pakistan Association of Pathologists meeting, 15 Nov 2023.
21. Four lectures: Quality in the AP lab; Germ cell tumors; Uterine Sarcoma; Pathology unknown and tumor board cases; Eurasian Cancer Summit, Pathology track Chair. 26-28 April, 2023. Almaty
22. Stem cells in neurology. MENA Stem Cells, 17, 18 March, 2023, Dubai.
23. Pakistan Chem path society virtual seminar. Quality in the lab. 11 March.2023
24. AZN Her2 seminar. Pathology of Low Her2. 10 March, 2023. Dubai
25. Haemcon Pakistan. Quality in the Haem Lab, and **Ibn Sina Lecture**; on Monocyte disorders, 15-17 Feb 2023. Lahore Pakistan.
26. MEDLAB ME. Heme Track Chair. 6 Feb 2023. Dubai
27. Update Checklist Requirements. CAP Education day. 5 Feb 2023. Dubai
28. Emirates Path Society Dermatopath meeting. Chair of organizing Comm. 14 Jan 2023
29. Rapid diagnosis and value in the ICU. Emirates Society of Clinical Microbiology. Abu Dhabi. 8 December 2022.
30. Kikuchi disease. PureHealth training. Online. 19 November 2022.
31. AI in Pathology. Lilly Dubai/KSA hybrid workshop, 12 November 2022.
32. Laboratorians providing value. AACC Middle East. 6-8. Dubai, Nov 2022
33. BD Surepath cytology workshop. Dubai. 2, 3 November, 2022
34. Workup of abnormal uterine bleeding. IFCC Symposium. Dubai, 22 July, 2022
35. CMO User experience panel. Cerner User Day. 17 June 2022. Dubai.
36. Personalized medicine: lessons from COVID. 25 May 2022. Personalized medicine congress. Dubai.

37. Data Driven Care. Advance Health. Dubai Science Park, 20 May, 2022, Dubai.
38. AI in Healthcare, now or future. AQUUMEN 365. Dubai, 19 May 2022.
39. CAP Quality Seminar, Cairo, Egypt. College of American Pathologists, 22 March 2022.
40. MEDLAB 2022. Lab leadership and training the next generation of lab managers.
41. MEDLAB Dubai Jan 2022; Chair of hematology track. MEDLAB Dubai Jan 2022.
42. Organizing Committee, Emirates Surgical Pathology Conference, 15-17 Dec 2021.
43. COVID Hematology findings. Ministry of Health Symposium. 10 April 2021.
44. MEDLAB 2021. Chair of hematology track. Quality in the hematology lab and CAP standards talk 21 June, 2021.
45. Digital pathology and the promise of AI, MEDLAB Histopathology track, 23 June. 2021
46. Incorporating patient safety curriculum for all healthcare workers. Healthcare Future Summit. 5 Dec 2020, Dubai.
47. COVID testing update and hemophagocytosis case study. Nihon Kohden webinars. 2 July, 1 Oct 2020
48. COVID Pathology update. Chair, Emirates Pathology Society with American Society of Dermatology webinar. 24 Sept, 2020.
49. Value of lab audit in patient safety and quality. Russian clinical lab conference, virtual webinar. 23 Sept 2020, Becton Dickinson
50. Practical and clinical considerations for telepathology. Chair. Dubai Healthcare IT workforce seminar 7 July 2020.
51. Validating lab testing during a novel pandemic. CAP/Siemens webinar. 12 Sept 2020, and Omnia Health 23 June 2020
52. Infection control and COVID19, Chair, Omnia Health Dubai 25 June 2020

53. Lab leadership: a critical role inside and beyond the lab. CAP/Abbott webinar, 18 June. 2020
54. Chair, Digital Pathology Conference. MEDLAB, 6 Feb 2020. Dubai
55. The Most Commonly Cited Deficiencies. CAP Dubai Quality Seminar, 1 Feb 2020, Dubai
56. Chair, Patient Experience Conference, Arab Health, 27, 28 Jan 2020, Dubai
57. Chair, Patient Experience Conference, Arab Health, 27, 28 Jan 2020, Dubai
58. Pediatric ILD. Emirates Pathology Society Meeting. Zulekha Hospital Sharjah. Nov 2019
59. Building a safe culture in your organization. Becton Dickinson MENA Safety Symposium. Dubai World Trade Center, 21 Sept, 2019
60. Laboratory as the hub of Big Data. Global Health Exhibition. Riyadh, 10 Sept, 2019
61. Elevating the Standard of Care Through the Power of Analytics. Kolkata and Bengaluru. Abbott Innovators Exchange. 31 Aug and 1 Sept 2019
62. BIT 10th Annual World DNA and Genome Day. Chair of Human Disease Biology, Smart Healthcare and Telemedicine session and speaker "Personalized Medicine and the New Paradigm for Cancer Treatment: Experience from the Middle East." 25-27 April 2019, Nanjing, China.
63. Accreditation and Patient Safety. Saudi German Hospital Conference on Quality, Dubai, 14 April 2019.
64. Value of accreditation; Common Deficiencies. Kuwait 2nd International Quality Conference 24 March, 2019.
65. Innovation in Healthcare Patient Experience Panel. 18 Sept, 2018, Abu Dhabi 2nd Annual Patient Experience Conference.
66. Basics of IT Security. AHD Grand rounds, 10 Sept, 2018
67. Cybersecurity and AI workshop. Facilitator for Security and AI Framework, and Panel Moderator for AI Roadmap for healthcare in Dubai. Dubai AI week. 4,5 Sept 2018.
68. Elevating the Standard of Care Through the Power of Analytics. Turning Science into Caring. IFCC Conference. Shanghai, 13 July, 2018

69. Mutation analysis of fibroepithelial lesions of the breast. Dubai EMA Pathology, 20 May 2017
70. Physician leadership development. Beijing University Rehabilitation Hospital. 5 May 2017.
71. Molecular testing in thyroid FNA. Beijing Hope Thyroid Hospital. 5 May 2017.
72. New paradigms in lung cancer treatment. Beijing University International Hospital and An Zhen Hospital. 4 May 2017.
73. Pediatric interstitial lung disease. Al Jalila Children Hospital Dubai Grand Rounds. April 2017
74. Role of molecular testing in FNA of thyroid. Middle East OTO Conference, Dubai, 24 May 2016, SKS/National University Seoul Hospital Cancer Symposium Ras Al Khaimah (Nov 26, 2016)
75. Cytogenetics of MDS and IPSS-R. ASCP-ESH Symposium. Dubai. 2 March 2016.
76. MDS Tumor Board. ASCP-ESH Symposium. Dubai. 2 March 2016.
77. Value of the Laboratory. MEDLAB Lab Management. 6 Feb. Dubai. 2016
78. Lab role in clinical informatics. ASCP Middle East. 3 Nov. Abu Dhabi.; MEDLAB Pathology Informatics, 9 Feb, Dubai. 2016
79. HIMSS Pathology Informatics Conference. Moderator. Dubai 31 Oct to 1 Nov 2016
80. US Chamber of Commerce USA-UAE Cybersecurity Forum. Moderator for Innovations in eHealth. Dubai, UAE, 7 September 2016
81. Developing an IQCP. MEDLAB Asia. Singapore. 22 March, 2016
82. Getting the most out of your PT program. CAP Lecture. NHealth, Bangkok. 21 March, 2016
83. Quality management in POCT. CAP Education seminar, Bumrungrad Hospital. 20 March, 2016
84. Establishing your IQCP. CAP Education seminar, Bumrungrad Hospital. 20 March, 2016.

85. Big Data, Small Data. Lab Management, Arab Health MEDLAB. 25 Jan, 2016
86. IQCP Compliance. CAP Education Day. American Hospital Dubai. 23 Jan, 2016
87. CAP Checklist update. Seminar, Cleveland Clinic Abu Dhabi, 5 Nov 2015
88. Panelist. Controversy in the management of neck in HNSCC. Head and Neck Master Course. UAE Cancer Congress. Dubai, UAE 30 Oct. 2015
89. Faculty. Neck Ultrasound and FNA workshop. AACE Gulf Chapter, Dubai, 28 Oct. 2015
90. Lab accreditation: Your patients deserve the best. First Gulf Healthcare Summit, Bahrain. 29, 30 Sept 2015.
91. Organizing Committee, moderator and panelist. 1st Middle East Thyroid Conference. 19-21 April, 2015, UAE.
92. MERS update. MEDLAB Asia, Singapore. 20 March 2015.
93. Pathology case discussant IgG4 lung disease. Gulf Thoracic Conference. Dubai, 6 March 2015.
94. Chair, EMA pathology breast and cytology meeting held jointly with Weill Cornell Drs. Rana and Syed Hoda. 14 Feb 2015.
95. Big Data. Arab Health. Conference Chair and panelist. 28, 29 Jan 2015.
96. QA in Anatomic pathology. Arab Health MedLab 26 Jan 2015, and conference moderator.
97. Error disclosure and medical apology. Arab Health MedLab Jan 2014; American Hospital Clinical Rounds March 2014; EMA Pathology May 2014; ASCP ME Conference 11 Dec 2014.
98. CAP quality seminar. Hematology best practices, and Common deficiencies. Hamad Medical Corporation. Qatar. 10 Nov 2014.
99. Co-director for Lab Management track, Arab Health Recruitment & Training Fair Conference, 18 – 20 October 2014, Abu Dhabi
100. Thyroid FNA in liquid cytology. BD user group. Dubai, UAE, 21 September, 2014
101. Anticoagulant self testing. Roche User Academy. Dubai, UAE, 28 May 2014

102. MERS CoV Update. First Annual Biosecurity Conference. Dubai, 29 April, 2014
103. FNA thyroid management of follicular lesions. Middle ENT Congress, Dubai, UAE. 20 April, 2014
104. EMA Pathology case presentation. Gulf Medical University, 26 April, 2014
105. Detection of medical errors and use of apology: Is it an admission of guilt or a necessity in disclosure. MEDLAB Hematology, Dubai, 30 Jan, 2014.
106. Big data: what we are changing in medical practice. Dubai Big Data Conference. Panelist. Arab Health. 28 Jan, 2014
107. Common challenges in lab management. Arab Health MEDLAB. Dubai, 27 Jan. 2014.
108. CAP Dubai Education Seminar, Is your lab quality on the mark. 25 Jan, 2014. Dubai.
109. Lung and GIST cancer sessions. UAE Cancer Congress, Dubai, UAE, 3 and 5 October, 2013
110. Best practice in laboratory quality improvement: Hematology section. CAP seminar, Sheikh Khalifa Medical City. Abu Dhabi, 26 Oct, 2013.
111. Designing an effective employee competency assessment program. CAP seminar, Sheikh Khalifa Medical City. Abu Dhabi, 26 Oct, 2013.
112. Surepath LBC USA-UAE user experience: Getting better results for your patients. BD Surepath User Group. 23 May, Dubai, 2013
113. CAP training seminar. Hamad Medical Corporation. Qatar. 4 Feb, 2013.
114. Lab Accreditation, the AHD experience. Healthcare Management, Dubai. 29 Jan, 2013.
115. Columnar cell lesions of the breast. Arab MedLab Histopathology track. 30 Jan, 2013
116. CAP inspection training seminar. Dubai. 26 Jan 2013
117. Glandular lesions of the cervix. Arab Health. Dubai. Jan 2012.
118. Quality activities in anatomic pathology. CAP LAP seminar. Al Ain, UAE. June 2012.

119. Global Healthcare Landscape. Harvard College Asia Program at American University Dubai. 13-17 March 2011.
120. Liquid based pap smear, SurePath user conference. Dubai 28-30 March 2011.
121. Drug Induced Hemolytic Anemias. Arab Health Hematology Track 2011. Dubai, UAE. 27 Jan 2011.
122. Laboratory Director Responsibilities. CAP Laboratory Accreditation Program Seminar. Dubai, 27 Jan, 2011.
123. PNH: DAFinitive Update. Arab Health 2010. Dubai, UAE. 28 Jan. CoChair, Hematology Track, Arab MedLab.
124. Recruiting and Retaining Health Care Workers (HCW) in the Global Marketplace: Case study of American Hospital Dubai. Marcus Evans Compensation and Benefits Forum, Dubai, 24-25 May, 2009.
125. Diagnosis of Patients with Recurrent Thrombosis. Arab Health 2009. 29 Jan.
126. Sourcing Issues in Healthcare in the GCC. Dubai Global Sourcing Forum. 30 Nov, 2008.
127. Optimizing Cold Chain Processes in the ME Healthcare setting. Dubai Cold Chain Forum, Oct 26, 2008.
128. Pathogenesis and Molecular Basis of Uterine Cancer. American Hospital Dubai Grand Rounds, 7 Jan 2008.
129. Biomarkers in Breast Cancer. Dubai Hospital Department of Surgery Grand Rounds. 14 June 2007.
130. Biomarkers in Breast Cancer. Emirates Pathology Meeting. 24 March 2007.
131. Lab Management Issues in Dubai Compared with USA. Washington University Olin School of Business, MBA Program, Global Management Study Course. American Hospital Dubai site visit 13 March 2007.
132. CAP Medical Director Checklist Requirements. Arab Health, Lab Management plenary talk. 29 Jan 2007.
133. Lymphocyte Predominant Hodgkin Disease. Emirates Pathology Meeting case presentation. 18 Nov 2006.

134. Biomarkers in Breast Cancer. The Reading Hospital and Medical Center Tumor Conference. 9 August 2006.
135. Pleomorphic xanthoastrocytoma. Emirates Pathology Meeting case presentation. 20 April 2006.
136. Malignant lymphoma classification. AHD Grand Rounds, Feb 6, 2006.
137. Neurocysticercosis. Emirates Pathology Meeting case presentation. 26 Jan 2006.
138. Emirates Pathology Meeting, Dermatopathology plenary session chair. Dec 17 2005.
139. Cancer in the Female Patient. First Yemen-USA Cancer Conference. Aden Cancer Center, Sept 18, 2005
140. Classification of Malignant Lymphomas. Kunming Medical College, Yunnan, China, May 24, 2004 46. Unknown Case Conference . Kunming Medical College, Yunnan, China, May 24, 2004
141. Kunming City Pathology Slide Conference. Kunming General Hospital, Yunnan, China, May 24, 2004
142. Bioethics of Clinical Research. Kunming Medical College, Yunnan, China, May 23, 2004
143. Molecular Pathogenesis of Endometrial Cancer. Kunming Medical College, Yunnan, China, May 23, 2004 49. Biomarkers in Breast Cancer. Kunming Medical College, Yunnan, China, May 23, 2004
144. Cervical Cancer Update, Kunming Medical College, Yunnan, China, May 23, 2004
145. P16 is frequently expressed in high grade squamous lesions of the gynecologic tract. Eurogin, Preventing and Controlling Cervical Cancer in the New Millenium. Paris, France, April 16, 2003
146. Breast Cancer workshop co-chair. 7th World Congress on Advances in Oncology and the 5th International Symposium on Molecular Medicine. Hersonissos, Crete, Greece, Oct 11, 2002
147. Ethics in Biomedical Research. Suzhou International Vocational Institute, Jiangsu, China, June 15, 2002 Scientific 2

148. Role of P-cadherin in the pathogenesis of mammary Paget disease. Molecular Pathology Symposium, Predictive Oncology and Intervention Strategies, Paris, France, February 9, 2002
149. Utility of cadherin immunocytochemistry in diagnosis of mesothelioma. Invited Paper, International Congress of Cytology, Amsterdam, Netherlands, May 30, 2001
150. Classification of Acute Myelogenous Leukemias. Qingdao Medical College, Shandong, People's Republic of China, April 17, 2000.
151. REAL & WHO Lymphoma Classification. Qingdao Hematology Specialty Society, Shandong, People's Republic of China, April 19, 2000
152. Classification of Malignant Lymphomas: Get REAL. WHO cares?! Tumor Conference, The Reading Hospital and Medical Center, June 23, 1999.
153. Clinical rounds, Myelodysplastic syndromes. Qingdao City Hospital, Shandong, China, June 4, 2002
154. Understanding Your Pathology Report. Breast Cancer A to Z. Breast Cancer Support Services Annual Conference, Reading Hospital Regional Cancer Center, Oct 17, 2002
155. Molecular Pathogenesis of Endometrial Cancer. OB/Gyn Morning Conference, The Reading Hospital and Medical Center, April 22, 2003

C. REPORT OF CLINICAL ACTIVITIES

Role: Anatomic and clinical pathologist.
Setting: Community teaching hospitals.

Patient load current average 45-60 accessioned patient cases per day.

Contributions:

Reading Hospital

- Introduction of special coagulation testing and platelet testing, automated immunohistochemistry

American Hospital Dubai

- Automated IHC, flow cytometry, liquid based cytology (LBC), HPV testing, vitamin D testing, PCR multiplex assays, redesign of core lab and lab renovation;
- Physician lead (CMIO role) and change manager for Meditech HIS implementation;

- Lead for accreditation activities (JCI, CAP, CQO role);
- Operational reorganization of pharmacy services and diagnostic services (COO). Physician lead for Mayo Clinic Care Network in Dubai.

King's College Hospital Dubai

- Set up anatomic pathology lab and microbiology and COVID PCR lab, introduced LBC
- Physician lead for Cerner clinical module optimization
- Set up massive transfusion implementation
- Set up biobanking program

Reference lab for hospital system in coagulation & IHC, breast cancer prognostic marker reporting (Reading PA); for cancer 2nd opinions and IHC and HPV (American Hospital Dubai); 2nd opinions and COVID testing (King's College Hospital Dubai)

BIBLIOGRAPHY

1. AC Han, JR Rodgers, and RR Rich. Unglycosylated Mta^a expresses an Mta^b-like determinant. *Immunogenetics* 25:234-240, 1987.
2. AC Han, JR Rodgers, and RR Rich. An unexpectedly labile mitochondrially encoded protein is required for Mta expression. *Immunogenetics* 29:258-264, 1989.
3. AC Han, AP Soler, KA Knudsen, and H Salazar. Differential expression of N-cadherin in pleural mesotheliomas and E-cadherin in lung adenocarcinomas in formalin-fixed paraffin-embedded tissues. *Human Pathol* 28:641-645, 1997.
4. A Peralta Soler, KA Knudsen, A Tecson-DeMiguel, FX McBrearty, AC Han, and H Salazar. The expression of E-cadherin and N-cadherin in common epithelial tumors of the ovary distinguishes mucinous from serous and endometrioid tumors. *Human Pathol* 28:734-739, 1997.
5. A Peralta Soler, GD Harner, KA Knudsen, FX McBrearty, E Grujic, H Salazar, AC Han, and AA Keshgegian. The expression of P-cadherin identifies PSA-negative cells in epithelial tissues of male sexual accessory organs and in prostatic carcinomas: Implications for prostate cancer biology. *Am J Pathol* 151:471-478, 1997.
6. AC Han, S Hovenden, N Rosenblum, and H Salazar. Adenocarcinoma arising in extragonadal endometriosis: An immunohistochemical study. *Cancer* 83:1163-1169, 1998.

7. AC Han, A Peralta Soler, MR Filstein, JV Hunt, KA Knudsen, and H Salazar. N-cadherin distinguishes mesotheliomas from adenocarcinomas in pleural effusions: A ThinPrep immunocytochemical study. *Cancer Cytopathol* 87:83-86, 1999.
8. A Peralta Soler, KA Knudsen, H Salazar, AC Han, and AA Keshgegian. P-cadherin expression in breast carcinoma indicates poor survival. *Cancer* 86:1263-72, 1999.
9. AC Han, A Peralta Soler, KA Knudsen, and H Salazar. Distinct cadherin profiles in variant carcinomas and other unusual tumors of the breast. *Human Pathology* 30:1035-1039, 1999.
10. AC Han, and R Duszak, Jr. Coexpression of cytokeratins 7 and 20 confirms urothelial carcinoma presenting as an intrarenal tumor. *Cancer* 86:2327-30, 1999.
11. AC Han, A Peralta Soler, KA Knudsen, CK Tang, and H Salazar. Nuclear localization of E-cadherin expression in Merkel cell carcinoma. *Archiv Pathol Lab Med* 124:1147-1151, 2000.
12. KA Iczkowski, AC Han, M Edelson, and N Rosenblum. Primary, localized vulvar B-cell lymphoma which expresses CD44 variant 6 but not cadherins: A case report. *J Reprod Med* 45:853-856, 2000.
13. AC Han, M Edelson, A Peralta Soler, KA Knudsen, B Lifschitz-Mercer, B Czernobilsky, N Rosenblum, and H Salazar. Cadherin expression in glandular tumors of the cervix: Aberrant P-cadherin expression as a possible marker of malignancy. *Cancer* 89:2053-2058, 2000.
14. JS Ng, AC Han, MI Edelson, NG Rosenblum. Uterine papillary serous carcinoma presenting as distal lymph node metastasis. *Gynecol Oncol* 80:417-420, 2001.
15. J Householder, AC Han, MI Edelson, JM Eager, NG Rosenblum. Utility of immunohistochemical analysis in confirming metastatic pulmonary papillary adenocarcinoma to the ovary: *Arch Pathol Lab Med* 126:1101-1103, 2002.
16. JM Kaminski. PR Anderson, AC Han, RK Mitra, NG Rosenblum, and MI Edelson. Primary Small Cell Carcinoma of the Vagina. *Gynecol Oncol* 88:451-455, 2003.

17. TA Zarka, AC Han, MI Edelson, NG Rosenblum. Expression of Cadherins, p53, and BCL2 in Small Cell Carcinomas of the Cervix: Potential Tumor Suppressor Role for N-Cadherin. *Int J Gynecol Cancer* 13:240-243, 2003.
18. JS Ng, AC Han, M Edelson, and N Rosenblum. Oncoprotein expression in malignant mixed mesodermal tumors of the peritoneum. *Int J Gynecol Cancer* 13:870-873, 2003
19. Finegan M, AC Han, M Edelson, and N Rosenblum. p16 expression in squamous lesions of the female genital tract. *J Molec Histol.* 35:111-114, 2004
20. AC Han, M Merzouk, RZ Belch. Update on cervical cancer. *Cancer Therapy* 3:243-8, 2005.
21. B Robinson-Bennett, RZ Belch, AC Han. Loss of p16 in Recurrent Malignant Mixed Müllerian Tumors of the Uterus. *Int J Gynecol Cancer* 16:1354-1357, 2006.
22. JS Ng, AC Han, SH Chew, and J Low. A clinicopathologic study of uterine smooth muscle tumors of uncertain malignant potential (STUMP). *Ann Acad Med Singapore*, 39:625-8, 2010.
23. ND Nasir, CCY Ng, V Rajasegaran et al with International Fibroepithelial Consortium. Genomic characterisation of breast fibroepithelial lesions in an international cohort. *J Pathol* 249:447, 2019
24. A Han. Social media and medical professionalism in the United Arab Emirates. *New Emirates Med J.* 1:54-55, 2020
25. A Senok, H Alsuwaidi, Y Atrah et al. Saliva as an alternative specimen for molecular COVID-19 testing in community settings and population based screening. *Infect Drug Resist* 13:3393-99, 2020
26. A Han, J Hicban. Flu viral multiplex testing and its implication for COVID-19 testing. *New Emirates Med J* 2:16-19, 2021
27. F Khan, M Khoury, F Kouli, A Han. BK Polyoma Virus Nephropathy in an Immunocompromised Host. *New Emirates Med J*, 2:45-49, 2021
28. C Moubareck, DH Halat, A Nabi, MA AlSharhan, ZO Al Deesi, A Han, H Celiloglu, DK Sarkis. Horizontal spread of OXA-23, GES-11 and NDM-1 among carbapenem-resistant *Acinetobacter baumannii* in Dubai. *J Global Antimicro Resist* 24:27-28, 2021

29. R Farah, A Poletti, A Han, R Navarro. Giant frontal sinus osteoma and its consequences. *J Neurosurg*, 1(21):1-4, 2021
30. ND Nasir, BN Loke, TK Yong, et al. Genetic differences between benign phyllodes tumours and fibroadenomas revealed through targeted next generation sequencing. *Mod Pathol*. 34:1320-32, 2021.
31. L Alsuwaidi, S Al Heialy, N Shaikh, F Al Najjar, R Seliem, A Han, M Hachim. Monocyte distribution width as a novel sepsis indicator in COVID-19 patients. *BMC Infect Dis* 22:27-37, 2022
32. A. Sonnevand, N Bastaki, A Ghazawi et al. The first nation-wide surveillance of carbapenem resistant Enterobacterales in the United Arab Emirates – increased association of *Klebsiella pneumoniae* CC14 clone with Emirati patients *Int J Infect Dis* 120:103-112, 2022
33. FG Mojaveri, AC Han. Glomus tumor around the knee joint A case report and review of literature, *Acta Scient Ortho* 5:27-31, 2022

Book Chapters

1. AC Han. Cadherin expression in breast cancer. In Handbook of immunohistochemistry and in situ hybridization of human carcinomas. Volume 1: Molecular genetics: Lung and breast cancer.. Elsevier, San Diego, CA, 2004, Chapter 11, pages 343-350
2. B Robinson-Bennett and AC Han. Role of Immunohistochemistry in Elucidating Lung Cancer Metastatic to the Ovary from Primary Ovarian Carcinoma. In Handbook of Immunohistochemistry and In Situ Hybridization of Human Carinomas: Molecular Genetics, Gastrointestinal Carcinoma, and Ovarian Carcinoma, Vol 4. 2006
3. AC Han. Colon Adenomas, in Case Files: Pathology, EC. Toy, MO Uthman, RO. Uthman. (ed). Lange Press, 2005.
4. LW Han, and AC Han. Ventricular septal defects, in Case Files: Pathology, EC. Toy, MO Uthman, RO. Uthman. (ed). Lange Press, 2005

ABSTRACTS

1. AC Han, JR Rodgers, and RR Rich. N-linked glycosylation contributes to polymorphism of maternally transmitted antigen (Mta). Abstract #3646. Fed. Proc. 46(3):942, 1987.
2. RR Rich, JR Rodgers, and AC Han. Maternally transmitted antigen (Mta): Mechanisms of expression. FASEB J. 2(6):A1828, 1988.
3. AC Han, JR Rodgers, and RR Rich. A short-lived product of mitochondrial protein synthesis is required for expression of maternally transmitted antigen. Abstract #3294. FASEB J. 3(3):A793, 1989.
4. A Han, K Salhany, M Elkhailifa, Z-Y Chen, and JKant. PCR assessment of immunoglobulin heavy chain rearrangement in lymphoid infiltrates from paraffin-embedded bone marrow biopsies. USCAP Meeting, San Francisco, 1994.
5. AC Han, AP Soler, KA Knudsen, and H Salazar. Exclusive expression of N-cadherin in pleural mesotheliomas and E-cadherin in lung adenocarcinomas in formalin-fixed paraffin-embedded archival tissues. Mod Pathol 9(1):156A, #915, 1996.
6. H Salazar, AC Han, KA Knudsen, and P Peralta Soler. Differential cadherin profiles in "common epithelial" tumors of the ovary. Abstract. XXI International Congress of the International Academy of Pathology, Budapest, Hungary, October 1996.
7. A Peralta Soler, KA Knudsen, A Tecson- DeMiguel, FX McBrearty, AC Han, and H Salazar. Differential expression of E-cadherin and N-cadherin uncommon surface epithelial tumors of the ovary. Abstract. International Congress on Cell Biology, 1996.
8. AC Han, S Hovenden, N Rosenblum, and H Salazar. Immunohistochemistry of extragonadal endometriosis. Abstract. Mid Atlantic Gynecologic Oncology Meeting, Philadelphia PA, September 17-19, 1998.
9. A Soler, A Han, KA Knudsen, A Keshgegian, and H Salazar. Expression of E- and P-cadherin in breast tumors. Abstract. XXII International Congress of the International Academy of Pathology, and the 13th World Congress of Academic and Environmental Pathology. Nice, France, October 18-23, 1998.
10. AC Han, A Peralta Soler, KA Knudsen, and H Salazar. Aberrant nuclear expression of E-cadherin in Merkel cell (neuroendocrine) tumor of the skin. Mod Pathol. 12(1):57A, Abstract #322, 1999

11. A Peralta Soler, KA Knudsen, H Salazar, AC Han, and AA Keshgegian. P-cadherin expression in breast cancer indicates poor survival. American Association for Cancer Research 90th Annual Meeting, Philadelphia, PA, April 10-14, 1999.
12. AC Han, MI Edelson, A Peralta Soler, K Knudsen, B Lifschitz-Mercer, B Czernobilsky, NG Rosenblum, H Salazar. Aberrant expression of P-cadherin in glandular tumors of the cervix as a possible marker of aggressive biology. Society of Gynecologic Oncologists 31st Annual Meeting, San Diego, Feb 7, 2000. Gynecol Oncol 76:244, Abstract 52.
13. AC Han, MI Edelson, A Peralta Soler, KA Knudsen, B Czernobilsky, B Lifschitz-Mercer, NG Rosenblum, H Salazar. Cadherin Expression in glandular tumors of the cervix. Mod Pathol 13:125A, abstract #730, 2000.
14. S Bernstein, F Lynch, A Han, D Wheeler, E Barbera-Guillem. Determination of metastatic potential in solid tumors using the METAtest interleukin 2 receptor alpha (IL-2R α) assay. J Clin Oncol 19:654a, abstract #2578, May 2000 ASCO Annual Meeting.
15. TA Zarka, AC Han, MI Edelson, NG Rosenblum, and H Salazar. Expression of cadherins, p53, and BCL2 in small cell neuroendocrine carcinoma of the cervix. MAGOS Abstract, Sept 15, 2000.
16. AC Han, A Peralta Soler, KA Knudsen. Utility of cadherin immunocytochemistry in diagnosis of mesothelioma. Acta Cytol 2000.
17. MM Finegan, AC Han, MI Edelson, and NG Rosenblum. Increased expression of p16 oncoprotein in squamous carcinoma of the uterine cervix. MAGOS abstract, Oct 19, 2001
18. JS Ng, AC Han, MI Edelson, and NG Rosenblum. Oncoprotein profile of primary peritoneal malignant mixed Mullerian tumors. MAGOS abstract, Oct 19, 2001
19. JS Ng, AC Han, MI Edelson, and NG Rosenblum. Unusual initial presentation of uterine papillary serous carcinoma as distant metastasis. MAGOS abstract, Oct 19, 2001
20. AC Han. Role of P-cadherin in the pathogenesis of mammary Paget disease. Cancer Detect Prev Paris Symposium Vol pS52, Abstract #5, 2002
21. AC Han, MM Finegan, MI Edelson, NG Rosenblum. Expression of p16 in squamous lesions of the female genital tract. Cancer Detect Prev Paris Symposium Vol pS103 Abstract #191, 2002

22. AC Han, A Peralta Soler. Role of Cadherins in Breast Cancer. Int J of Molec Med 10:S30, Abstract #201, 2002
23. AC Han, MM Finegan, MI Edelson, NG Rosenblum. P16 is frequently expressed in high grade squamous lesions of the gynecologic tract. Eurogin 2003, Paris France, Abstract #SS28-08 page 139, April 16, 2003
24. B Robinson-Bennett, RZ. Belch, NG Rosenblum, and AC Han. Alterations in Oncoprotein Expression in Recurrent Malignant Mixed Mullerian Tumors of the Uterus. MAGOS Annual Meeting Oct 2003, Durham, NC
25. T Llewellyn, AC Han, RZ Belch, and F Tchang. Oncoprotein profiles of endometrial tumor composed of infiltrative PNET variant and minimally invasive endometrioid adenocarcinoma. Berks County Medical Society Residents Day Symposium. April 7, 2004, Wyomissing, PA
26. B Robinson-Bennett, RZ Belch, NG Rosenblum, and AC Han. Alterations in oncoprotein expression in recurrent malignant mixed Mullerian tumors of the uterus. Berks County Medical Society Residents Day Symposium. April 7, 2004, Wyomissing, PA
27. M Merzouk, RZ Belch, AC Han. Oncoprotein Expression in Recurrent Squamous Carcinoma of the Cervix. MAGOS Oct 15, 2004
28. S. Strauss, A. Han, M. Wilson, R. L. Sautter, N. Montoy, A. Benedick, W. George, A. Horning, M. Savant, J. Wisotzkey, J. Seiple, S. Shue, D. Bankert, A. E. Crist, Jr. Multicenter Evaluation of Four Automated ID/AST Systems for Identification of Enterobacteriaceae and Commonly Isolated Glucose Non-Fermenting Gram-Negative Bacilli. Abstract #C208, ASM Annual Meeting 2005, Atlanta, GA
29. D. Bankert, A. E. Crist, Jr., S. Shue, J. Seiple, M. Savant, S. Strauss, A. Han, W. George, A. Horning, J. Wisotzkey, M. Wilson, R. L. Sautter, N. Montoy, A. Benedick. Multicenter Evaluation of Four Automated ID/AST Systems for Identification of Commonly Isolated Gram-Positive Cocci. Abstract #C205, ASM Annual Meeting, 2005, Atlanta, GA
30. M Merzouk, AC Han, and RZ Belch. Adenoid cystic carcinoma of the cervix. A case report with immunohistochemical study. Berks County Resident Day, 2005
31. M Merzouk, AC Han, and RZ Belch. Oncoprotein profiles of recurrent squamous carcinomas of the cervix. Berks County Resident Day, 2005
32. G Worley, D Lu, AC Han. Relapsed P Vivax in a treated breast cancer patient. Berks County Resident Day, 2005

33. DA Bankert, AE Crist, Jr., W George, A Han, A Horning, R Sautter, S Strauss, MT Wilson, BL Zimmer. Multicenter Evaluation of Four Automated ID/AST Systems for Antimicrobial Susceptibility Testing of Enterobacteriaceae and Commonly Isolated Glucose Non-Fermenting Gram-Negative Bacilli. ASM Abstract 2006 Annual meeting.
34. DA Bankert, AE Crist, Jr, W George, A. Han, A. Horning, R. L. Sautter, S. Strauss, M. T. Wilson, B. L. Zimmer. Multicenter Evaluation of Four Automated ID/AST Systems for Antimicrobial Susceptibility Testing of Commonly Isolated Enterococcus spp. and Staphylococcus spp. ASM
35. AC Han, and H Daubert. HPV typing in ASCUS pap smears: What have we learned? Arab Health MedLab, Dubai 2013.
36. AC Han, K Sayed. Columnar cell lesions of the breast are frequently found in biopsy material in follow-up of breast FNA specimens. Asia Pacific International Academy of Pathology, Busan Korea, 2013
37. AC Han. Pathologists as key contributors to breast cancer programmes. MEDLAB Magazine, Jan 2014
38. S Sabahat et al. Unusual tumor case presentation. ESPC Dec 2021 Poster Dubai.
39. M Weisy et al. Unusual case of spinal fibroepithelial sarcoma. ESPC Dubai Posters. Dubai. Dec 2023
40. Al Awadhi, et al. Digital pathology adoption in the UAE. ESPC Dubai posters. Dubai Dec 2023.
41. AC Han et al. Digital pathology improvement in MDT workflow. Poster session, ASDP, Seoul. Oct 2024.