



**Ismail I. Matalka, FRCPath
Professor of Pathology & Consultant Pathologist**

School of Medicine & King Abdullah University Hospital
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PERSONAL

Name: **Ismail I. Matalka, FRCPath**
Date of birth: 17th February 1967
Place of birth: Irbid
Nationality: Jordanian
Marital Status: Married with two sons
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Current Position: Professor of Pathology & Consultant Pathologist

PROFESSORSHIP

June 10, 2013 – Jordan University of Science and Technology

QUALIFICATION

- MBBCh, Jordan University of Science and Technology (1991)
- License to Practice Medicine (Jordan), Ministry of Health (1992)
- Higher Specialization in Pathology, University of Jordan (1996).
- Jordanian Board of Pathology (1997).
- FRCPath Part I (U.K) (1999).
- FRCPath Part II (U.K) (2000).
- Fully Registered with GMC (U.K) (2001).
- Certificate of Completion of specialist Training (CCST) (2001).
- Name included in the specialist Register (U.K) (2001)

ACADEMIC AND ADMINISTRATIVE POSITIONS (JUST)

- **Chief Executive Officer, King Abdullah University Hospital** (Aug. 27, 2016 – September 16, 2018).
- **Dean of Medicine** - Jordan University of Science and Technology (Sep. 1, 2014 – Sep. 1, 2016).
- **Vice Dean**, School of Medicine, Jordan University of Science and Technology (JUST), (Sep 2008 – Sep 2010 and Jan 2011 – Sep 2013).
- **Chairman of Pathology and Laboratory Medicine**, School of Medicine and King Abdullah University Hospital, Jordan University of Science and Technology, (Sep 2002 – Sep 2015).
- **Associate Professor** of Pathology, School of Medicine, Jordan University of Science and Technology (JUST), (July 2008 – June 2013)
- **Assistant Professor** of Pathology, School of Medicine, Jordan University of Science and Technology (JUST), (April 2001 – June 2008)
- **Director of Allied Health Affairs Directorate** - King Abdullah University Hospital (March 1, 2003 – Nov. 1, 2004).
- **Director of Administration Affairs Directorate** - King Abdullah University Hospital (Jan. 1, 2004 – Nov. 1, 2004).
- **Member, Institutional Review Board, JUST** (Jan 2011 – Sep 2016).
- **Leader, team of (Assessment of Patient) for JCIA at King Abdullah University Hospital** (2009- 2016).

LOCAL ADMINISTRATIVE AND PROFESSIONAL POSITIONS & MEMBERSHIP

- **Member of Board of Trustees, Al-Balqa` Applied University**, (June 2018-Present).
- **Leader**, Team preparing for the recognition of the Jordanian Accreditation and Quality Assurance Commission for Higher Education Institutions (**AQACHEI**) by World Federation of Medical Education (**WFME**) (2019-Present).
- **Member, Higher committee for Non-Jordanian Certificates Equivalence. The Ministry of Higher Education**, November 2017 -Present.
- **Member, Medical and Pharmaceutical Sciences Sector Committee of the Scientific Research Support Fund, Ministry of Higher Education and Scientific Research** (2020-Present).
- **Member, National Committee for drafting a legislation for medical laboratory licensing.** November 2018 – Present.
- **Member of Laboratory Licensing Committee, Ministry of Health – Jordan** 2005- present.
- **Vice Chairman, Board of Directors, King Abdullah University Hospital** (Sep 2014 – Sep 2016).

- **Member of Board of Directors, Health Care Accreditation Council**, Amman-Jordan (Sep 2016-Sep 2018).
- **Member of Higher Council, Jordan Medical Council** (Sep 2014- Sep 2016)
- **Member of Board of Directors, the National Centre for Diabetes, Endocrinology, and Genetics**, Amman-Jordan (Sep 2014 – Sep 2016).
- **Member, Higher Technical Committee for Universal Health Coverage in Jordan**, (July 2017 – Sep 2018)
- **Member, Steering committee for Electronic Health Care Solutions**, Amman-Jordan (Sep 2016 – Sep 2018)
- **Member, Advisory Committee for drafting accreditation and quality improvement system for medical laboratories, HCAC**, Amman-Jordan (Nov – Dec 2016).
- **President, Jordanian Society of Pathology** (Jan 2012 – Feb 2018).
- **Member, National Committee for drafting an insurance legislation for medical errors as part of Medical Liability Act**, Amman-Jordan (June 2018-August 2018)
- **Member of the higher committee for Non-Jordanian Universities' accreditation.** The Ministry of Higher Education, 2007-2009 and September 2014 –November 2017.
- **Member of the National Committee to draft Blood Transfusion legislation in Jordan.** October 2009-March 2010.
- **Member**, Laboratory Total Quality Management Committee, Ministry of Health – Jordan 2003-2008.
- **Member**, the Steering Committee, Biomedical Centre of Excellence at Yarmouk University, (EU TEMPUS) Program, Project Manager Representing KAUH 2006-2009.
- **Assessor** with the Jordanian Higher Education Accreditation Commission for the Medical Schools, 2010-present.
- **Member**, the higher committee for Continuous Medical Education, Jordan Medical Council, September 2015-April 2016.

REGIONAL PROFESSIONAL POSITIONS

- **Member, The supreme Committee of the Arab Board of Health Specializations** (September 2019 –Present).
- **Rapporteur of the Scientific Council for Pathology, the Arab Board of Health Specializations** (2010 –Present).
- **Chairperson, the Accreditation and Quality Assurance Office, the Arab Board of Health Specializations** (2020 –Present).
- **President, the Arab Division of the International Academy of Pathology** (Dec 2013- Nov 2015).
- **President-Elect, the Arab Division of the International Academy of Pathology** (Dec 2011- Nov 2013).
- **Council Member, the Arab Division of the International Academy of Pathology** (October 2001-Present)
- **Chairman, the Arab School of Pathology** (Nov 2007 - Dec 2013).

INTERNATIONAL PROFESSIONAL POSITIONS

- **Clinical Director of International Activities, the Royal College of Pathologists, UK** (2021 – Present). (Competitive Basis).
- **Vice President for Asia, the International Academy of Pathology** (2021-Present).(By Nomination)
- **International Advisor for MENA Region, the Royal College of Pathologists, UK.** (2015 – 2021). One of six advisors worldwide. (Competitive Basis).
- **President of Congress and Chair of Organizing Committee, the XXXII International Academy of Pathology Congress** (1500 participant from 92 countries & 450 Speakers) (October 14-18, 2018).
- **Lead Examiner, the Royal College of Pathologists** (Sep 2011- Present).

NATIONAL AND REGIONAL AWARDS/ RECOGNITIONS/ACHIEVEMENTS

- **Shortlisted Candidate (1 of 5) for the presidency of the Jordan University of Science and Technology in March 2018.**
- **Achievement Award in Education (2020), The Royal College of Pathologists-United Kingdom.**
- **The achievement and Excellence Award by the Jordanian Medical Syndicate in February 2021.**
- **Golden Merit Medal for achievement in pathology education, the Arab Division of the International Academy of Pathology, 2016.**
- **Jordan Meetings & Conferences Ambassador, Jordan Tourism Board/Jordan Convention Bureau (July 2017).**
- **Arab Board of Health Specializations Award for Efforts in Medical Education and Training (2015).**
- **President of the XXXII International Congress of the International academy of Pathology, 14-18 October 2018. Dead Sea – Jordan.**
- **President of the 8th International Medical Conference of Medical School, Jordan University of Science and Technology, April 14-16, 2016, JUST Campus, Irbid, Jordan.**
- **President of the 25th congress of the Arab Division of International Academy of Pathology and the 5th Conference of the Jordanian Society of Pathologists, November 7-9, 2013, Amman-Jordan**
- **Leading the Jordanian and Arab teams that won the competition/bid (Cape Town 2012) to host the 32nd World Conference of the International Academy of Pathology, to be held in Jordan in 2018.**
- **President of the 17th congress of the Arab Division of International Academy of Pathology, Amman, November 2005**
- **Delegate of the Jordanian Universities to Youth Leadership Project in U. S. A. 1988 (2 delegates from Jordan & 22 from other Arab countries)**
- **Royal Scholarship to study Medicine at Jordan University of Science and Technology, 1985.**

- **Delegate of the Ministry of Education** to participate in the Youth Summer Camp of Greek students, July-August, 1981, Athens-Greece (18 students from the Kingdom)

PATHOLOGY ACADEMIC & PROFESSIONAL EXPERIENCE

- ✓ **Professor of Pathology**, School of Medicine, Jordan University of Science and Technology (June 2013 – Present)
- ✓ **Assistant & Associate Professor** of Pathology, School of Medicine, Jordan University of Science and Technology (April 2001 – June 2013).
- ✓ **Consultant Histopathologist**, King Abdullah University Hospital, Jordan University of Science and Technology (Jan 2001 – Present).
- ✓ **Locum Consultant Pathologist**, Bedford General Hospital, Bedford, UK(July 2019).
- ✓ **Locum Consultant Pathologist**, Glasgow Royal Infirmary, Glasgow, Scotland (July 2006).
- ✓ **Locum Consultant Pathologist**, Victoria Hospital, Kirkcaldy, Fife, Scotland (April 2006).
- ✓ **Locum Consultant Pathologist**, Royal Manchester Children's Hospital, Manchester UK (July 2005 – Sep 2005).
- ✓ **Locum Consultant Pathologist**, King Faisal Specialist Hospital, Riyadh (August 2003).
- ✓ **Locum consultant Pathologist**, Trafford General Hospital, Manchester UK (October 2002).
- ✓ **Locum Consultant Pathologist**, Stobhill Hospital (January 2001).
- ✓ **Specialist Registrar**, Glasgow School of Pathology (Aug 1999 – April 2001).
- ✓ **Honorary SHO &SHO**, Glasgow School of Pathology (1996 – 1999).
- ✓ **Resident**, Jordan University Hospital (1992-1996)

GASTROINTESTINAL AND LIVER PATHOLOGY EXPERIENCE

- During my training in Glasgow, I had the privilege of working with well-known authorities in the field of GI and Liver Pathology like Professor RNM MacSween and Professor Fred Lee, where I became more interested in these specific and challenging areas of pathology.
- Between March 2000 and April 2001, I have undertaken a specific training in GI and Liver pathology. Most of this period was spent at the pathology department in Glasgow Royal Infirmary. This hospital is the specialist hospital for this service in west of Scotland and had five upper GI surgeons: four lower GI surgeons, two pancreatic surgeons, three specialist gastroenterologists, and two lead consultant GI pathologists. This enabled me to have a wide experience in handling and reporting all kind of GI, liver and pancreatic specimens and biopsies. I was also

involved in preparation and presentation of a number of GI clinico-pathological meetings (MDTs) that took place on weekly basis. For this purpose, I have also arranged a rotation round the leading UK and international experts in GI and liver pathology in the United Kingdom. I have spent two weeks in Edinburgh with Professor David Harrison discussing liver pathology with a particular emphasis on liver transplantation. A further three weeks was spent in Newcastle with Professor Alistair Burt who is an international expert in Liver pathology. Three weeks were also spent in Leeds with Professor MF Dixon, a well-known international GI pathologist. A further week was spent with Professor Bryan Warren in Oxford who was the leading pathologist in upper GI pathology and Barrett's disease. After starting my post at Department of Pathology & Laboratory Medicine in Jordan University of Science & Technology and King Abdullah University Hospital I worked as a lead consultant in GI & Liver pathology where I participated and lead all relevant multidisciplinary meetings, research activities, and reported or consulted on the difficult biopsies and specimens from inside and outside the hospital. In 2004 I started with other colleagues the Gastrointestinal Group (GIG) through the Arab Division of the International Academy of Pathology.

GRANTS AND FUND RAISING

- ✓ 1 Million EURO funds for Establishment of Intercalated Program in Basic Medical Sciences in Jordan, Lead of Technical Team / iBMS-JO CBHE: 610091-EPP-1-2019-1-JO-EPPKA2-CBHE-JP (Erasmus+ program of the European Union), 13 partners from EU and Jordan (Technical Lead).
- ✓ 12 Million USD grant from the Saudi Fund for Development (SFD) to establish a comprehensive radiotherapy center at King Abdullah University Hospital during my tenure as CEO of the hospital.
- ✓ 8.5 million USD grant from the Saudi Fund for Development (SFD) to upgrade the crucial medical equipment's at King Abdullah University Hospital during my tenure as CEO of the hospital.
- ✓ 900,000 USD budget for the XXXII Congress of the International Academy of Pathology, Dead Sea, 14-18 October 2018 with expected expenditure of 5 Million USD.
- ✓ 75,000 USD for International Conferences of the Faculty of Medicine during my tenure as Dean of the Faculty of Medicine at Jordan University of Science and Technology. April 14-14, 2016.
- ✓ 200,000 USD for the 25th congress of the Arab Division International Academy of Pathology and the 5th Conference of the Jordanian Society of Pathologists, November 7-9, 2013, Amman-Jordan
- ✓ 1 Million EURO funds for Training for Medical education via innovative eTechnology / MediTec (Erasmus+ program of the European Union), 13 partners from EU and MENA region.
- ✓ 600,000 EURO funds, Member of the Steering Committee, Biomedical Center at Yarmouk University, (EU Tempus) Program, KAUH Representative (2006-2009) with a fund 600,000 EURO.
- ✓ 150,000 USD for the 17th congress of the International Academy of Pathology- Arab Division, Amman, November 2005

ACADEMIC AND EDUCATIONAL COURSES / ACTIVITIES /COMMITTEES

- Designing a Faculty Development program (Canadian Faculty), The Consultation Centre at Jordan University of Science & Technology 18-21 June 2001.
- The Basics of Medical Education, Centre for Education Development / university of Jordan & WHO, Amman 22- 27 December 2001.
- Testing and Evaluation Workshop, the Academic Development Centre (JUST), 6-7 July 2005.
- Faculty of medicine representative of the university Accreditation Committee 2002.
- Member of the Faculty Council, 2001- 2016.
- Member of the Curriculum Committee 2002-2016.
- Chairman & member of the student's academic instruction committee, 2002-2004.
- Member of the scientific and conferences committee 2002-2003 & 2007-2008.
- Member of the postgraduate studies committee 2002-2016.
- Member of the medical education committee 2002-2016.
- Accreditation of Jordan Medical Schools Workshop organized by the higher Education Accreditation Commission (HEAC) in Collaboration with WHO. Radisson Sass Hotel, Amman. October 26-27th 2008.
- Teaching and Assessment of Communication Skills Workshop, the Academic Development Centre (JUST), January 13-14, 2010.
- Training of Experts on Accreditation of Medial Schools, Higher Education Accreditation Commission, Amman, February 1, 2010.
- Standardized Methods of Teaching and Assessment in Clinical Settings. The Academic Development Centre (JUST), Irbid. February 22-24, 2010.
- Problem-Based Learning workshop. University of Jordan, Amman, 24th-25th April 2011.
- Review of the JUST Medical School Curriculum Workshop (Addressing the National Higher Education Accreditation Commission Report). Dead Sea, 8-9 April 2011.
- QS in conversation with the World in Higher education; Transforming Higher Education in the Arab World. June 9-10.2013. Jordan University of Science and Technology, Irbid-Jordan.
- The Inter-Country Meeting on Strengthening Medical Education in the Eastern Mediterranean Region. WHO/EMRO, November 27-29, 2014. Cairo, Egypt.
- Expert Group Meeting on Medical Education. WHO/EMRO, March 9, 2015. Cairo, Egypt.
- The Middle East and North Africa Conference: Postgraduate Specialty Training, Assessment and Examinations in Pathology & Laboratory Medicine. Organized by the Royal College of Pathologists, April 18-20, 2015. Cairo, Egypt **(Speaker)**.
- Curriculum Review and Reform at College of Medicine, JUST, August 8-10, 2015, JUST Campus, Irbid-Jordan. Supported and Sponsored by EMRO-WHO. **(Coordinator, Dean, and Speaker)**.

- Current Trends in Assessment of Medical Student's Competence, August 11-12, 2015, JUST Campus, Irbid-Jordan. Supported and Sponsored by EMRO-WHO. **(Coordinator, Dean, and Speaker).**
- The 3rd UAE Clinical Simulation Conference, February 23-25, 2016, Dubai, United Arab Emirates
- UK NARIC Workshop Programme (United Kingdom national agency for the recognition and comparison of international qualifications and skills), March 20, 2018. Organized by the British Council and Ministry of Higher Education & Scientific Research. Amman Jordan
- Training for Medical Education via Innovative e-Technology (Erasmus+ Programme). November 21-24, 2018. Kosice- Slovakia.
- **Speaker and Facilitator** kick off meeting of Erasmus funded project (iBMS-JO), Dead Sea, Jordan. February 20-22, 2020.

UNDERGRADUATE EDUCATION EXPERIENCE & ACHIEVEMENTS

Faculty Staff and Dean

- Leading the Curriculum, Postgraduate, Medical Education, and Quality & Accreditation Committees of School of Medicine during my service as Dean of Medicine (2014-2016)
- Re-designing the curriculum of the bachelor's degree of Medicine (during my tenure as Dean of the Faculty of Medicine) at Jordan University of Science and Technology, (September 2014 - August 2016). Proposal has been drafted.
- Reviewing and approving the regulations of assessment, examinations, and evaluation of medical students (during my service as Dean of the Faculty of Medicine, Jordan University of Science and Technology, September 2014 - August 2016).
- Recruitment of qualified staff faculty (during my tenure as Dean & Chairman of Pathology)
- Reviewing the vision, mission, and objectives of School of Medicine at JUST through meeting all the stakeholders (during my service as Dean)
- Preparing special programs to improve teaching, training, and research skills at the School of Medicine (during my service as Dean)
- Preparing a comprehensive strategic plan for the development of the center of clinical skills and simulation and the Center for Continuing Medical Education at the Faculty of Medicine, Jordan University of Science and Technology, (during my service as Dean)
- During my Academic career and until now I have been fully involved in undergraduate teaching for medical, dentistry and pharmacy students. I was involved in teaching the general pathology course as well as all the nine modules (organ-based modules) of the current curriculum of JUST Medical School. In

addition, I had the chance on different occasions to coordinate the respiratory, The Gastrointestinal Tract, and the Hematopoietic modules.

- During my training in Jordan, I was involved in undergraduate practical classes for medical and dentistry students and lectures to nursing and medical technology students.
- At the Royal Infirmary, I have been involved in the teaching of medical students, including taking tutorial groups and practical sessions.
- I have also undertaken the short programme to become a facilitator in the new (problem-based learning) undergraduate medical curriculum in Glasgow University.

POSTGRADUATE EDUCATION EXPERIENCE & ACHIEVEMENTS

- **Hosting for the first time the Part I Exam** of the Royal College of Pathologists Fellowship in Pathology since 2011 at Jordan University of Science and Technology.
- **Hosting the Part II Exam** of the Royal College of Pathologists Fellowship for the first ever time outside the UK at King Abdullah University Hospital and Jordan University of Science and Technology since 2015.
- **Leading and developing** one of the largest and distinguished residency programs in the field of Histopathology at the level of the Arab world, with about 50 Jordanian doctors and 27 Arab doctors trained and graduated from different countries (Iraq, Sudan, Yemen, Libya, Gaza, West Bank, Oman). **Fifteen graduates** have also managed to pass their **Part 2 FRCPATH Examination** and some of them are currently practicing in the UK.
- **Designing PhD program** curricula in the fields of basic medical sciences and clinical sciences, in the Faculty of Medicine at JUST (has not been implemented).
- I have been involved and supervising the postgraduate training programme at the Pathology department in JUST where regular teaching sessions including slide seminars, journal clubs, and presentations are held.
- Seventeen years ago, I have initiated with other pathology chairman colleagues the **Jordan School of Pathology** where the different country departments host a regular monthly meeting to present interesting and educational cases for the trainees.
- I was honoured to **Chair the Arab School of pathology (2007-2013)**, which is the main training and educational arm of the Arab Division of the International Academy of Pathology (IAP). Through this floating school, I have managed so far to organise about 12 workshops in different Arab countries. The British Division of the IAP sponsored some of these schools .
- The Arab Board of Pathology has been initiated in 2010 and since that time I am honoured to be the Secretary of the Board and active member of the examination committee.
- Participation in the activities of the Education Committee of the International Academy of Pathology

- **Visiting Professor and Speaker** to different Arab Medical Schools in KSA, UAE, Qatar, Iraq, Libya, and Sudan.

EXAMINATIONS

- Examiner in the Jordanian Board of Pathology, Jordan. (2001-2017).
- Examiner in the Jordanian Board of Surgery, Jordan. (2002-2004 & 2008-2015).
- External Examiner, Department of Pathology, King Abdul-Aziz University, Jeddah, Saudi Arabia.
- Lead Examiner, Royal College of Pathologists (UK), 2011-present.
- Examiner, Arab Board of Pathology, 2011-present.
- External Examiner, Department of Pathology, King Fahd Hospital of the Dammam University, February 2014, Al Khobar, Saudi Arabia.
- External Examiner, Saudi Board of Pathology (Saudi Commission for Health Specialities), November 2015, Riyadh, KSA.

MANAGEMENT AND LEADERSHIP COURSES / SYMPOSIA / COMMITTEES

- The Jordanian delegate to the Youth Leadership Project in USA, August-September 1988.
- The Management Education for Doctors (5 modules), West of Scotland Postgraduate Medical and Dental Education Board, 1999.
- Junior Medical Representative on the Clinical Service Group committee at Glasgow Royal Infirmary 1999 – 2000. Glasgow, Scotland.
- IT course for Specialist Registrars, January 2000 (searching for medical information on the www.). Glasgow, Scotland.
- IT course for Specialist Registrars, August 2000. Presentation with PowerPoint. Glasgow, Scotland.
- Administrative Leadership and Leader skills, Jordan Today Centre for Development 15-16 May 2003.
- Quality for Better Care Workshop, Jordan University Hospital 5- 6 July 2003.
- IT in Health Care workshop, Royal Scientific Society, Amman 8-9 March 2004.
- Good Clinical Practice (GCP), King Hussein Cancer Centre, Amman-Jordan. June 12th, 2008.
- CAP Laboratory Accreditation Program Seminar. Amman, Jordan. July 8, 2010.
- ISO 15189 Workshop. Jordan-Germany Project “Improving Medical Laboratory Services in Jordan”. Jordan Standards & Metrology Organization. Amman, October 31st – November 1st, 2010.
- Good Clinical Practice (GCP), 8th November 2010, Sheraton Hotel Amman.
- ISO 15189 Laboratory Accreditation. Becoming a College Assessor for the Middle East & North Africa (MENA) Region. Organized by the Royal College of Pathologists. Mohammed Bid Rashid University of Medicine & Health Sciences, Dubai, UAE, February 7th, 2017. 4 CPD/CME credits by RCPATH (**Speaker**).

- Annual Harvard Arab World Conference. March 11, 2017. Dead Sea, Jordan.
- Future foresight: employing future studies in public sector institutions Workshop. King Abdullah II for Excellence and Copenhagen Institute for Future Studies. October 26, 2017. Amman- Jordan
- The 4th Quality HealthCare Conference and Exhibition " Minding the gap between designing quality systems and implementation: it is all about patient safety". December 4-6, 2017. Amman, Jordan. (Speaker and member of Steering Committee)
- Global Launching of "Nursing Now" Campaign. WHO Offices in Geneva, London, USA, South Africa, and Jordan (Videoconference at KAUH). February 27, 2018. (Speaker).
- Nursing Now Roundtable Discussion "Putting Nurses at the Heart of Health Policy Making: A Paradigm Shift in Nursing Leadership for the 21st Century". April 18, 2018. WHO Offices, Amman, Jordan **(Speaker)**.
- Jordan Economic Forum "Towards Effective Implementation of Jordan Economic Stimulus Plan". May 2-3, 2018. Dead Sea, Jordan.
- Launching the new legislation "Revalidation and Re-licencing the Health Care Workers". May 2018. Amman, Jordan **(Speaker)**.
- Health Innovation, Digitization and Cost Containment "Comprehensive Health Insurance Conference". May 12-13, 2018. Dead Sea, Jordan.
- Evidence-Based Women's Leadership Strengthening in the Health Sector & Launching a Women's Network Event (HRH 2030 Project). June 25, 2018. Amman, Jordan.
- Launching "Jordan's Maternal Mortality Surveillance & Response System. June 2018. Amman, Jordan.
- Middle East Chapter for International Congress and Convention Association (ICCA) Forum. October 3, 2018, Amman-Jordan **(Speaker)**.

SELECTED MANAGEMENT AND LEADERSHIP ACHIEVEMENTS

Chairman of Pathology & Laboratory Medicine at King Abdullah University Hospital

- ✓ Establishing and leading the Pathology and Laboratory Department at King Abdullah University Hospital (2002-2015) and supervising its all functions, development, and technical and administrative work.
- ✓ Leading the quality control program at the King Abdullah University Hospital laboratories, where the Lab ranked the first and second in the external international quality control scheme with the participation of about 3000 laboratories worldwide.

CEO, King Abdullah University Hospital

- ✓ Maintaining the sustainability of the hospital's medical services to the highest possible standards in accordance with the international standards adopted in health care systems.
- ✓ Optimal utilization of the Hospital facilities, including flexibility in times of medical service delivery, function of operating rooms, laboratories, and radiological investigations.
- ✓ Issuing and updating an electronic and manual version of the law, regulations and instructions of the hospital with easy accessibility.
- ✓ Adherence to the principles of justice, equity and transparency in decisions and administrative procedures.
- ✓ Adopting appropriate methodologies and administrative mechanisms to promote positive competitive environment and positive behaviors among hospital employees and increasing the level of job satisfaction to meet their needs and achieve their ambitions towards an institutional culture.
- ✓ Approval the distinguished employee award at the rate of 3 times per year (every four months), within the criteria and foundations developed by a specialized committee
- ✓ Creating real partnerships with civil society institutions, private institutions, and unions.
- ✓ Consolidating the concept of social responsibility and accountability to meet the needs of the community.
- ✓ Completing and receiving the final approval on (12) Million USD grant from the Saudi Fund for Development (SFD) to establish a comprehensive radiotherapy center.
- ✓ Upgrading a number of medical equipment's for the value of (8.5) million USD grant from the Saudi Fund for Development (SFD)
- ✓ Increasing the efficiency of the hospital's cash flow in flexible and periodic mechanisms.
- ✓ Completing the operational and technical steps towards transforming King Abdullah University Hospital to Smart Hospital.
- ✓ Innovative solutions to the hospital visitor's car park by planning and starting construction for a new parking space, which can accommodate about 1000 slots, and allocating special car park for disabled and dialysis patients
- ✓ Increasing the level and awareness of hygiene and cleanness in the hospital and surroundings.
- ✓ Implementing a Drill for Emergency Management Plan, Mass Causality Incidents "Trauma" (Level D), for the first ever time in the hospital and Jordan.
- ✓ Implementing an emergency plan for the rehabilitation of some of the main and vital services, such as the installation of modern CSD and intelligent elevators system.
- ✓ The ability to deal with heterogeneous populations of employees, patients, visitors, and understanding their diversity, needs and privacy.
- ✓ Increasing the level of patient satisfaction with the quality of services provided by the hospital.

- ✓ Issuing the monthly electronic newsletter of KAUH in Arabic and English with more than 330,000 viewers.
- ✓ Increasing the visibility of the Hospital by establishing the social media website (3 million viewers in 2017)
- ✓ Implementing a new visit schedule in the hospital, which reflected positively on the medical care of the patients and the comfort of visitors.
- ✓ Applying a new electronic queuing system in the pharmacy to dispense prescriptions, which guarantees accuracy, and save time and effort (the pharmacy deals with 1200 prescription daily).
- ✓ Recruitment qualified medical staff from all medical specialties on an ongoing
- ✓ Establishing new centers of excellence in the hospital such as Cochlear Implant Center and Spine Center.
- ✓ Activation the role of Training and consultation Center at the hospital and establishing a structure for Continuing Professional development in the hospital.
- ✓ Holding training and educational workshops for the Interns in north of Jordan (Free Registration).
- ✓ Engagement with the community through conducting free medical days and awareness campaigns on various diseases, and the holding workshops, scientific seminars, and lectures. (More than 130 activities within 2 years including 30 free medical days).

KING ABDULLAU UNIVERSITY HOSPITAL COMMITTEES

- **Chairman** of the Drug and Therapeutic Committee (DTC), 2003-2004.
- **Deputy Chairman** of the Central Tender Committee, 2003-2004
- **Chairman / member** of the Cancer Committee, 2002-2014.
- **Member** of the Pricing Committee 2003-2014.
- **Member** of the Scientific & Conferences committee, 2003-2012.
- **Member** of the credentials and privileges committee, 2008-Jan 2012.
- **Chairman** of the Medical Forms committee, 2003- 2006.
- **Chairman** of the Preliminary Disciplinary Council, 2003-2005.
- **Member** of the Medical Waste Management project in Northern Jordan, 2003.
- **Member** of the Steering Committee for hospital IT System Implementation, 2003.
- **Member** of the Research and Statistics Committee, 2003-2004.
- **Member** of the Personnel Selection & Affairs, 2003-2004.
- **Member** of the Hospital Annual Report Committee, 2004.
- **Chairman** of many Technical Tender Study committees, 2001-2016.
- **Chairman** of Food Quality, 2003-2004

CONSULTATIONS AND ADVISORY BOARDS

- Consultant, MedLabs Consultancy Group (Jordanian institution made up of a team of specialized professionals providing Quality Medical Laboratory Services through a network of 45 general & specialized laboratories) 2001-2002.
- Member of the Advisory Committee for the medical laboratory Program at Zarka University College of Al- Balqa' Applied University - Jordan 2005.
- Member of Board of Directors, Islamic Private Hospital, Amman-Jordan (2014-Present).

INVITED SPEAKER SESSIONS

- Current Status of Celiac Disease. The Second Scientific Day of Princess Rahma Teaching Hospital. August 1st, 2002.
- Nasopharyngeal carcinoma in Jordan. The 16th congress of the International Academy of pathology- Arab Division, Tunis, September 2004.
- Iatrogenic Lesion of the Gastrointestinal Tract. The first Jordanian Hellenic Pathology Conference, Crete – Greece, April 2007.
- Biliary Brushing Cytology. Endoscopic Retrograde Cholangio-Pancreatography “ERCP” From A-to-Z Prince Hamza Hospital, Amman-Jordan. March 28-29th 2007.
- Case Presentations. The 4th Arab school of pathology (Updates on Gynecological Pathology), Irbid – Jordan, 23-25 April 2007
- Liver Biopsy Interpretation, Fatty Liver Disease, Liver Tumors, Metabolic Liver Diseases, Drug Induced Liver Injury, and Slide Seminar. The Liver Pathology Workshop, Tunis – Tunisia, June 2007.
- Inflammatory Bowel Disease: Pathology Update and Diagnostic Dilemmas. Monothematic Symposium: Inflammatory Bowel Disease from A-Z. December 17th, 2007. Intercontinental Hotel, Amman-Jordan.
- Drug Induced Liver Injury & Liver Biopsy Interpretation. The Arab school of pathology Symposium: Liver Diseases: Diagnostic Pathology with a clinical Focus, Irbid – Jordan, April 8-9, 2009.
- Updates on Breast Pathology. Diagnosis and Management of Breast Cancer Symposium organized by the Jordanian Society of Pathologists. Intercontinental Hotel, Amman, Jordan, July 29th, 2009.
- Fatty Liver Disease. The 3rd Jordanian Hellenic Pathology Conference, Limassol – Cyprus, October 29-31, 2009.
- Pathology of Gastric Cancer. Gastric Cancer Symposium organized by the Jordanian Society of Pathologists. Intercontinental Hotel, Amman, Jordan, April 28th, 2010.
- Updates on Gastrointestinal Tumours. Scientific meeting by Jordanian Society of Pathologists. Marriot Hotel, Amman, Jordan, January 12, 2011 .
- Drug Induced Gastrointestinal Tract Lesions. The 10th Arab-British School of Pathology in Collaboration with the Jordanian Society of Pathologists, an intensive educational course on the pathology of gastrointestinal tract, King Abdullah University Hospital, Irbid, Jordan, April 19th -20th 2012.
- Diagnostic Dilemmas in Inflammatory Bowel Disease, Liver Biopsy Interpretation and Slide Seminar, Updates on Hodgkin Lymphoma, and Updates on Renal

- Tumors. The Arab School of Pathology. An intensive Educational Course for Iraqi Pathologists. Erbil 12-16 May 2012.
- Drug Induced Liver Injury: A Penalty for Progress. The 6th International Conference of the Royal Medical Services. Dead Sea, November 19-22nd 2012.
 - Drug Induced Gastrointestinal Lesions. The International Pathology Symposium, Prince Sultan Military Medical City, Riyadh- KSA. 24-28 November 2012.
 - History of Pathology education and services in Jordan. History of Pathology Society Companion Meeting. United States & Canadian Academy of Pathology (USCAP), March 2-8th 2013, Baltimore, USA.
 - An intensive educational course on the pathology of gastrointestinal tract for Libyan Pathologists. Sabratha, Libya, 8-10 April 2013.
 - Biochemical Changes of Drug Induced Liver Injury. The 3rd International conference of Jordan Society for Medical Laboratory Sciences. March 23-25, 2013. Amman-Jordan
 - Crisis Management in Blood Banking; the Syrian casualties as an example. The 9th Pan Arab Blood Banking Conference. April 23-26th, 2013. Amman-Jordan.
 - Pathological approach to Breast Cancer. Breast Cancer Awareness Conference organized by JUST Medical student Association, Irbid-Jordan, 30th November 2013
 - Colorectal Carcinoma; an update. The Forth International Conference of Jordanian Medical Association, Irbid. March 19-21, 2014. Irbid-Jordan
 - Obesity and Metabolic Syndrome in Jordan. Updates on Chronic gastrointestinal Tract Diseases. Irbid Medical Association, Irbid. June 14, 2015.
 - Health Status in Jordan. The Eastern European Congress on Chronic Diseases. December 18-19, 2015. Chisinau, Republic of Moldova.
 - Updates on Breast Cancer. The 5th International Congress of Irbid Medical Association, February 24-26, 2016. Irbid- Jordan.
 - Drug Induced and Iatrogenic Pathology of Gastrointestinal Tract. The 28th congress of the Arab Division International Academy of Pathology, October 20-22, 2016, Algiers-Algeria
 - The Role of the Royal College of Pathologists in Training, Assessment, and Examination. The 4th Annual Meeting of Pakistan Division of International Academy of Pathology and the 7th annual Meeting of Histopathology & Cytology Society of Pakistan. April 7-8, 2017. Karachi, Pakistan. **(Keynote Speaker)**
 - How to Promote Patient Expectations, Manage Them and Address Them. The 4th Quality HealthCare Conference and Exhibition " Minding the gap between designing quality systems and implementation: it is all about patient safety". December 4-6, 2017. Amman, Jordan.
 - The Integration of Health Sectors in Jordan: the Way towards Excellence. The 6th International Congress of Irbid Medical Association, April 4-7, 2018. Irbid- Jordan. **(Keynote Speaker).**
 - FRCPath Fellowship Examinations: The Things you need to Know & UK Training Opportunities: What You Need to Know. The 5th Annual Meeting of Pakistan Division of International Academy of Pathology and the 8th annual Meeting of Histopathology & Cytology Society of Pakistan. April 20-22, 2018. Lahore, Pakistan. **(Keynote Speaker)**
 - Pathology careers and opportunities in Middle East and North Africa. The International Pathology Summer School. Organized by the Royal College of Pathologists and the Egyptian Committee for Pathology Training. July 28-30, Cairo, Egypt. **(Keynote Speaker)**

- Benign Bizarre Stromal Cells of the esophagus, Mimics of Neoplasia in GI Tract slide Seminar, The XXXII Congress of International Academy of Pathology, October 14-18,2018, Dead Sea-Jordan
- Future of Medical Laboratory Practice in Jordan, Islamic Hospital Scientific Day, November 27, 2018. Amman-Jordan **(Keynote Speaker)**.
- **Fatty Liver Disease: An Update.** Medlab Middle East. Dubai, UAE, 3-6 February 2020.
- International Pathology School of the Royal College of Pathologists, International Pathology Taster Webinar, 29-30 January 2021 (Organizer and Speaker).

JOURNAL REVIEWER

- ✓ World Journal of Gastroenterology
- ✓ Asia Pacific Journal of Cancer Prevention (APJCP)
- ✓ BioMed Research International
- ✓ The Journal of The Turkish German Gynecological Association
- ✓ Jordan Medical Journal
- ✓ Royal Medical Services Journal
- ✓ Saudi Medical Journal

PEER EVALUATION FOR GRANTS/AWARDS/PROMOTION

- Evaluator for the Scientific Research Fund for grants and awards
- Evaluator for Abdul Hameed Shoman Foundation for scientific research proposals.
- Referee for faculty staff promotion for many Arab universities.

RESEARCH INTERESTS

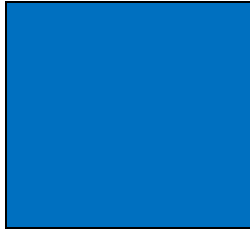
Currently I am involved in different research projects in collaboration with colleagues from my department and in collaboration with others at national, regional, and international levels. My main line in research varies but focus on molecular and genetic basis of cancer. Standardization and Quantification of pathological features and incorporating these in the diagnostic applications. Drug induced pathology and iatrogenic diseases of the Gastrointestinal Tract & Liver are other areas of interest.

Ongoing Research

1. Cyp27A1: A Biomarker and a Tool of Detection for Aggressive Prostate Cancer. Mahmoud Alfaqih, Abdallah Alzoubi, Samir Al Bashir, Omar Halalsheh, ***Ismail Matalka***. [30,000 JD Grant] by Deanship of Research, Jordan University of Science and Technology.
2. The Incidence of Human Papilloma Virus in Laryngeal Carcinoma patients in North Jordan. Mohammad Al-Qudah, Alia Al-Mohtaseb, Samir Al Bashir, Sohaib Al-Khatib, Mohammed Alorjani, Najla Aldaoud, ***Ismail Matalka***. [8,900 JD Grant] by Deanship of Research, Jordan University of Science and Technology.
3. Expression of Pyruvate Kinase M2 in prostate cancer (Proposal submitted). Mohammad A. Alqudah, Samir AlBasheer, Najla AlDaoud, Rami S AlAzab, Omar Halalsheh, ***Ismail Matalka***.
4. Incidence of HPV in laryngeal carcinoma. (manuscript ready) Mohammad A. AlQudah, ***Ismail Matalka***.

Externally and Internally Funded and Collaborative Research

Research Projects	
National	<ol style="list-style-type: none"> 1. Investigation of selected immunohistochemical markers on macrophages infiltrating various solid tumors. Collaborative double funded research between Stem Cell Therapy Centre Jordan University and Jordan University of Science and Technology [Funded by 6,850 JD]. 2. Characterization of Novel Molecular Markers of Prostate Cancer in Middle Easter Population . [85,640 JD Grant] by the Scientific Research Support Fund (SRSF) (MPH/2/17/2015). 3. MicroRNA Profiling and MicroRNA-Based Treatment of Breast Cancer . [190,000 JD Grant] by the Scientific Research Support Fund (SRSF). Under Submission. 4. The role of estrogen in the pathogenesis and treatment of chronic obstructive pulmonary disease. (30,160 JD Grant) by the Scientific Research Support Fund (SRSF). 5. Obesity and breast cancer: Descriptive and Mechanistic Analysis. Nehad Ayoub, Rami Yaghan, Alia Al-Mohtaseb, <i>Ismail Matalka</i>. [14,096 JD Grant] by Deanship of Research, Jordan University of Science and Technology.
Regional	<ol style="list-style-type: none"> 1. Screening for the Prevalence of EGFR and ALK Mutations in Lung Adenocarcinoma Patients in the Levant Area, a Prospective Analysis. Multi centre prospective study (Lebanon, Jordan, Iraq) funded by the American University of Beirut by [\$ 152,700].
International	<ol style="list-style-type: none"> 1. Location and Histopathologic Features of Colonic Polyps: Review of 6000 colonoscopies and 600 polyps. (Manuscript ready) Abstracted in European Association for Endoscopic Surgery (EAES) 25th conference, Germany 2017. (manuscript ready). 2. Incidence of MMTV-like sequences and Human Papilloma Virus in Jordanian



breast cancer cases; the viral causal link and the vaccine hope . Collaborative Multi centre research between Jordan University of science and Technology, King Hussein Cancer Centre, The Royal Medical Services, Ministry of Health, and University of Pisa and Pisa University Hospital-Italy. [9,000 JD Grant] by Deanship of Research, Jordan University of Science and Technology

▶ INTERNATIONAL PUBLICATION INDICES

Google Scholar

Citation indices	All
Citations	1380
h-index	21
i10-index	35

Scopus

H-index	16
Citations	764

ResearchGate

RG Score	30.94
Citations	1,063
Reads	18,110

▶ PUBLICATIONS

1. **Malignant Eccrine Poroma of the Vulva.** Stephen M. R., **Matalka I.**, Hanretty, K. British Journal of Obstetrics and Gynaecology. 105(4): 471-2, 1998 April
2. **Xanthogranulomatous Sialadenitis Following Diagnosis of Warthin's Tumour: A Possible complication of Fine Needle Aspiration.** Stephen M. R., **Matalka I.**, Stewart C. J. R., Mackenzie K. Cytopathology. 1999 Aug;10(4):276-9

3. **Gall bladder Cancer in Northern Jordan:** Bani-Hani HE, Yaghan RJ, **Mataalkall**, Shatnawi NJ. *J Gastroenterol Hepatol.* 2003 Aug; 18(8): 954-959.
4. **Basal cell carcinoma of the maxillofacial region: site distribution and incidence rates in Arab/ Jordanians, 1991 to 2000.** Rawashdeh MA, **Mataalka I.** *J oral Maxillofac Surg.* 2004 Feb; 62 (2): 145-9.
5. **Malignant oral tumors in Jordanians: 1991-2001. A descriptive epidemiological study.** Rawashdeh MA, **Mataalka I.** *Int J oral Maxillofac Surg.* 2004 Mar; 33 (2): 183-8.
6. **Tumor T-lymphocytes subset infiltration and tumor recurrence following curative resection for colorectal cancer.** Ali AA, McMillan DC, **Mataalkall**, McNicol AM, McArdle CS. *Eur J Surg oncol.* 2004 Apr; 30 (3): 292-5.
7. **Is fear of anaphylactic shock discouraging surgeons for more widely adopting percutaneous and laparoscopic techniques in the treatment of liver hydatid cyst?.** Yaghan R, Heis H. Ban-Hani K, **Mataalkal**, Shatanawi N, Gharaibeh K, Bani-Hani A. *Am J surg.* 2004 Apr; 187(4): 533-7.
8. **The role of the Histopathologist in colorectal cancer.** McGrath SM, Chintapatla S, **Mataalkal**, Haboubi NY. *Recent Res. Devel. Histopathology.* 1 (2002): 85-102.
9. **Gastric malignancies in Jordan with special emphasis on descriptive epidemiology.** Ban-Hani K, Yaghan R, Heis H, **Mataalka I**, Shatanawi N, Gharaibeh K, Bani-Hani A. *World journal of Gastroenterology* 2004 August 1;10 (15):2174-2178
10. **Idiopathic Granulomatous Mastitis; time to avoid Unnecessary Mastectomy.** Bani-Hani K, Yaghan R, **Mataalka I**, Shatanawi N. *The Breast Journal*, volume 10, Number 4, 2004, 318-322
11. **Skin cancer Trends in Northern Jordan.** Omari AK, Khammash M, **Mataalka I.** *Int J Dermatol.* 2006 Apr;45(4):384-8.
12. **Ultrasound-guided transrectal extended prostate biopsy: a prospective study.** Al-Ghazo MA, Ghalayini IF, **Mataalka II.** *Asian J Androl.* 2005 Jun;7(2):165-9.
13. **Tuberculous mastitis: a disease not to be forgotten.** Bani-Hani KE, Yaghan RJ, **Mataalka II**, Mazahreh TS. *Int J Tuberc Lung Dis.*2005 Aug;9(8):920-5.
14. **Primary gastric lymphoma in Jordan with special emphasis on descriptive epidemiology.** Bani-Hani K, Yaghan R, **Mataalka I.** *Leuk Lymphoma.*2005 Sep; 46 (9):1337-43.
15. **Quantitative assessment of liver fibrosis: a novel automated image analysis method.** Ismail mataalka, Omar Al- Jarrah, Toqa Manasra. *Liver International* 2006 Nov;26 (9):1054-64.
16. **Helicobacter pylori genotypes identified in gastric biopsy specimens from Jordanian patients.** Nimri LF, **Mataalka I**, Bani Hani K, Ibrahim M. *BMC Gastroenterol.* 2006 Oct 4;6:27.
17. **Xanthogranulomatous pyelonephritis: Analysis of 18 cases.** Al-Ghazo MA, Ghalayini IF, **Mataalka II**, Al-Kaisi NS, Khader YS. *Asian J Surg.* 2006 Oct;29(4):257-61
18. **Extent of Use, Perceptions, and Knowledge of a Hospital Information System by Staff Physicians.** Yaseen A. Hayajneh, Wail A. Hayajneh, **Ismail I. Mataalka**, Harun Z. Jaradat, Zaher Q. Bashabsheh, and Muhammad S. Alyahya. *Proceedings of the International Medical Informatics and Biomedical Engineering Symposium (2006).*
19. **Image-based discriminating morphological features for gastric atrophy assessment: A step to go further.** **Mataalka II**, Al-Omari FA, Al-Jarrah MA, Obeidat FN, Kanaan FM. *Pathol Res Pract.* 2008;204(4):235-40.

20. **Secondary postpartum hemorrhage following placental site vessel subinvolution: a case report.** Al-Mehaisen L, Al-Kuran O, Amarin ZO, **Matalka I**, Beitawi S, Muhtaseb A. Arch Gynecol Obstet. 2008 Dec;278(6):585-7. Epub 2008 Mar 20.
21. **Medulloblastoma in an adult with cervical lymph node metastasis: A case report and review of the literature.** Matalka, Ismail; Alorjani, Mohammed; Kanaan, Faisal; Al-Hussaini, Maysa. Pathology, 2009 Feb; 41 (2):197-9.
22. **Transitional Cell carcinoma of the Urinary Bladder: Clinicopathological Study.** **Matalka I**, Bani-Hani K, Shotar A, Bani Hani O, Bani-Hani I. Singapore Med J. 2008 Oct;49(10):790-4.
23. **The diagnosis of endometrial hyperplasia on curettage : how reliable is it ?** Arch Gynecol Obstet . 2009 Apr 279 (4): 489-92. Obeidat B, Mohtaseb A, **Matalka I**.
24. **A male phenotype (XY) hermaphrodite treated for seminoma, fathered a healthy child by IVF-ICSI technique.** Zayed F, Ghalayini I, **Matalka I**. J Assist Reprod Genet. 2008 Jul; 25(7):345.
25. **Acute Appendicitis in North of Jordan- A 10 year Survey.** Ghazi R. Qasaimeh, Yosef Khader, **Ismail Matalka**, Sabah Al Nemri. Jordan Medical Journal, (2008) Sep. Vol. (42), No. (3).
26. **Prevalence of Hepatitis C Virus Antibodies Among Blood Donors in Northern Jordan,** Abdullah Rashdan, Shadi Hijjawi, Khaled Jadallah, **Ismail Matalka**. Jordan Medical Journal, (2008) Sep. Vol. (42), No. (3).
27. **Osteoid Osteoma of the Odontoid Process of the Axis Associated with Atlanto-axial Fusion,** Al-Balas H, Omari H, Mustafa Z, **Matalka I**, Br J Radio. (2009) July, 82(979): e126-8.
28. **Inhibition of MEK Sensitizes Paclitaxel- Induced Apoptosis of Human Colorectal Cancer Cells by Downregulation of GRP78,** Mhaidat NM, Alali FQ, Matalqah SM, **Matalka II**, Jaradat SA, Al-Sawalha NA, Thorne RF. Anticancer Drugs. 2009 Aug; 20(7):601-6.
29. **Diaphragm Disease of Jejunum,** Al-Hadithi RH, Alorjani MS, Al-Bashir SM, **Matalka I**, Saudi Med J. (2009) July, 30(5): 702-4.
30. **INI1 (BAF 47) immunohistochemistry is an essential diagnostic tool for children with hepatic tumors and low alpha fetoprotein,** Al Nassan A, Sughayer M, **Matalka I**, Ghandour K, Masarweh M, Zimmermann A, Sultan I, J Pediatr Hematol Oncol. 2010 Mar;32(2):e79-81.
31. **Efficacy of human adipose tissue-derived stem cells in cardiac muscle repair in an experimental acute myocardial infarction model using nude rats(Crl:NIH-Fox1RNU) .** Mahmoud abu-abeeleh, **Ismail Matalka**, Zuhair Bani Ismail, khaled R. Al-zaben, Sami Abu Halaweh, Abdelkarim S. Al-oweidi, lyad A. Al-ammouri, mohamed K. Al-Esa, sameer K. Jabaiti, Moath M. Al-smadi, Omar Al-shobaki, Mohammad Alqudah, Samir Al-bashir Raed Ennab, Mohammad Jamous, Ahmad Al-majali, Jaafar Abu-Abeeleh. Comp Clin Pathol. 2009 Oct; DOI 10.1007/s00580-009-0927-3.
32. **FGFR3 mutational status and protein expression in patients with bladder cancer in a Jordanian population.** Bodoor K, Ghabkari A, Jaradat Z, Alkhateeb A, Jaradat S, Al-Ghazo MA, **Matalka I**, Musleh H, Haddad Y. Cancer Epidemiol. 2010 Dec; 34(6):724-32.
33. **Primary spinal extradural hydatid cyst in a 4-year-old child.** Eloqayli H, **Matalka I**, Daoud S. Br J Neurosurg. 2010 Oct; 24(5):602-3.
34. **Characteristics of gastrointestinal stromal tumors in a Middle Eastern population.** Barakat FH, Haddad HA, **Matalka II**, Al-Orjani MS, Al-Masri MM, Sughayer MA. Saudi Med J. 2010 Jul;31(7):797-802.

35. **An intelligent decision support system for quantitative assessment of gastric atrophy.** Al-Omari FA, **Matalka II**, AL-Jarrah MA, Obeidat FN, Kanaan FM. *J Clin Pathol.* 2011 Apr;64(4):330-7. Epub 2011 Feb 23.
36. **The Incidence of Epstein-Barr Virus in Nasopharyngeal Carcinoma of Jordanian Patient.** **Matalka I**, AL-Hussaini M, AL Hamad M, AL Zoubi F. *Eur Arch Otorhinolaryngol.* 2012 Jan;269(1):229-34. Epub 2011 Mar 16.
37. **High serum erythropoietin and ferritin levels in conjunction with anemia response in malignant lymphoma.** Omari S, Khalafallah A, Ayeshe M, **Matalka I**, Al-Hadithi R. *Mediterr J Hematol Infect Dis.* 2011;3(1):e2011018.
38. **Exercise training prevents endometrial hyperplasia and biomarkers for endometrial cancer in rat model of type 1 diabetes.** Al-Jarrah M, **Matalka I**, Aseri HA, Mohtaseb A, Smirnova IV, Novikova L, Stehno-Bittel L, Alkhateeb A. *J Clin Med Res.* 2010 Oct 11;2(5):207-14.
39. **Multi-drug resistance 1 genetic polymorphism and prediction of chemotherapy response in Hodgkin's Lymphoma.** Mhaidat NM, Alshogran OY, Khabour OF, Alzoubi KH, **Matalka II**, Haddadin WJ, Mahasneh IO, Aldaher AN. *J Exp Clin Cancer Res.* 2011 Jul 16;30:68.
40. **Extragastrointestinal Stromal Tumor (EGIST) in the abdominal wall: Case report and literature review.** Alkhatib L, Albtoush O, Bataineh N, Gharaibeh K, **Matalka I**, Tokuda Y. *Int J Surg Case Rep.* 2011;2(8):253-5.
41. **Clinical Relevance of vacA, cagA, and iceA Genotypes of Helicobacter pylori.** Nimri L , Bani-hani K E, **Matalka I** , Ibrahim M. *WebmedCentral MICROBIOLOGY* 2011;2(11):WMC002515.
42. **Platelet Indices as Quality Markers for Remission in Patients With Leukemia.** Suleimman A. Al-Sweedana, **Ismail I. Matalka.** *J Hematol.* 2012;1(2-3):54-57.
43. **Cytogenetic and Morphological Analysis of De Novo Acute Myeloid Leukemia in Adults: a Single Center Study in Jordan.** Ayeshe MH, Khassawneh B, Matalkah I, Alawneh K, Jaradat S. *BJMG* 15/1 (2012) 5-10.
44. **Evaluation of BCL-6,CD10, CD138 and MUM-1 Expression in Diffuse Large B-Cell Lymphoma patients: CD138 is a Marker of Poor Prognosis.** Khaldon Bodoor,Ismail Matalka, Waleed Gharaibe,Yazan Haddad,Rami Hyajneh. *Asian Pac J Cancer Prev.* 2012;13(7):3037-46.
45. **The significance of Wilms Tumor Gene (WT1) and p53 expression in Curettage specimens of patients with endometrial carcinomas.** **Ismail Matalka**, Basil Obeidat, Alia Mohtaseb, Ahlam Awamleh. *Pathol Res Pract.* 2013 Jan 15;209(1):19-23.
46. **Selected Immuno-histochemical markers in curettage specimens and their correlation with final pathologic findings in endometrial cancer patients.** Basil R. Obeidat, **Ismail I. Matalka**, Alia A. Mohtaseb, Nabih S Al-Kaisi. *Pathol Oncol Res.* 2013 April; 19(2):229-35.
47. **Pigmented renal cell carcinoma: a case with unusual findings and review of the literature.** **Ismail Matalka**, Maysa Al-Hussaini, Ibrahim Bani Hani. *Jordan Medical Journal,* (2013) Vol. (47), No. (2).
48. **Polymorphisms of arylamine N-acetyltransferase2 and risk of lung and colorectal cancer.** Amjad Mahasneh, Amal Jubaili, Ahmed El Bateiha, Mohammad Al-Ghazo, **Ismail Matalka** and Mousa Malkawi. *Genet Mol Biol.* 2012 Dec;35(4):725-33
49. **JC Virus in Colorectal Cancer: Where do we stand?** **Ismail Matalka**, SamerSwedan, MohamadNidalKhabaz, MyassarBarahmeh. *Future Virology* (2013)8(6), 1-9.

50. **Antioxidant activity of simvastatin prevents l-arginine-induced acute toxicity of pancreas.** Ismail I. Matalka, Nizar M. Mhaidat, Lina A. Fatlawi. Accepted in International Journal of Physiology, Pathophysiology and pharmacology. Int J Physiol Pathophysiol Pharmacol. 2013; 5(2): 102–108.
51. **Prevalence and distribution of high-risk human papilloma virus genotypes in cervical carcinoma Low-grade and high-grade squamous intraepithelial Lesions in Jordanian Women.** Obeidat B, Matalka I, Mohtaseb A, Jaradat S, Hayajneh W, Khasawneh R, Haddad H, Obeidat F. Eur J Gynaecol Oncol. 2013;34(3):257-60
52. **A Novel Approach for Quantitative Assessment of Mucosal Damage in Inflammatory Bowel Disease.** Matalka I. I, Al-Omari F. A., Salama R. M. , and Mohtaseb A. H. Diagn Pathol. 2013 Sep 20;8(1):156.
53. **Disseminated Peritoneal Tuberculosis Mimicking Advanced Ovarian Cancer.** Lataifeh I, Matalka I, Hayajneh W, Obeidat B, Al Zou'bi H, Abdeen G. J Obstet Gynaecol. 2014 Jan 29.
54. **Alveolar Soft Part Sarcoma of the Extremity: Case Report and Literature Review.** Khaled J. Ata, Hani N. Farsakh, Anwar Rjoop, Ismail Matalka, Liqa A. Rousan. World J Oncol. 2014;5(1):47-51.
55. **Direct and Rapid Diagnosis of Extra-Pulmonary Tuberculosis in Archival Tissue by Nested and Touchdown PCR.** L.F. Nimri, Z, Al-joulani and I. Matalka. British Microbiology Research Journal 4(5): 530-539, 2014.
56. **Xanthogranulomatous cholecystitis in the laparoscopic era is still a challenging disease.** Qasaimeh GR, Matalkah I, Bakkar S, Al Omari A, Qasaimeh M. J Gastrointest Surg. 2015 Jun;19(6):1036-42.
57. **Analysis of JAK2^{V617F} mutation in Jordanian patients with myeloproliferative neoplasms.** Jaradat SA, Khasawneh R, Kamal N, Matalka I, Al-Bishtawi M, Al-Sweedan S, Ayesh MH. Hematology/ Oncology and Stem Cell Therapy. Volume 8, Issue 4, 2015, Pages 160-166
58. **Heat Shock Protein Association with Clinico-Pathological Characteristics of Gastric Cancer in Jordan: HSP70 is Predictive of Poor Prognosis.** Asian Pac J Cancer Prev. 2016;17(8):3929-37. Bodoor K, Jalboush SA, Matalka I, Abu-Sheikha A, Waq RA, Ebwaini H, Abu-Awad A, Fayyad L, Al-Arjat J, Haddad Y.
59. **Prostate diseases in the middle east, a clinical and pathological review at King Abdullah University Hospital – Jordan.** Journal, Volume 50, Issue 3, 2016, Pages 123-13. Alazab, R.S., Kairallah, K., Matalka, I., Tahat, H.
60. **Assessment of p53 mutations, expression and prognosis in bladder cancer patients from Jordan: Identification of novel deletion mutations in the DNA-binding domain.** Meta Gene, 2017 12, pp. 33-42. Khaldon Bodoor, Abdulhameed Al-Ghabkari, Ismail Ibrahim Matalka, Yazan Haddad, Asem Alkhateeb, Saied Jaradat, Ziad W Jaradat, Mohammed Al-Ghazo, Aya Abu-sheikha, Sara Abu Jalboush, Yousef Jarun.
61. **Prevalence of EGFR and ALK Mutations in Lung Adenocarcinomas in the Levant Area - a Prospective Analysis** Asian Pac J Cancer Prev. 2017 Jan 1;18(1):107-114. Tfayli A, Rafei H, Mina A, Khalil M, Fakhreddin N, Mahfouz R, Hamouri S, Farhat F, Salem Z, Dbouk H, Rabee H, Saghir N, Shamseddine A, Makarem J, Bitar N, Mougharbil A, Assi H, Temraz S, Mukherji D, Matalka I, Zaatari G.
62. **Is Rh positivity a possible risk factor for lung cancer? .** Jordan Journal of Biological Sciences, Volume 11, Issue 3, 2018, Pages 281-284. Alqudah, M., Allouh, M., Hamouri, S., Zaitoun, A., Al ghamdi, N., Aladily, T.N., Kheirallah, K., Qandeel, H., Al-Keilani, M., Saqan, R.S., Matalka, I.

63. **IgA Nephropathy in Northern Jordan: Evaluation by the MEST-C Score of Oxford Classification System.** Jordan Journal of Biological Sciences (JJBS), ISSN 1995- 6673 (Print), 2307- 7166 (Online). Najla H. Aldaoud, Bayan A. Alzumaili , Raya D. Marji, Muna M. Alhusban, Hadil Y. Zureigat, Ashraf O. Oweis and **Ismail I. Matalka.**
64. **Polymorphisms of 5'-UTR of rad51 gene in prostate cancer. Ecological Genetics, Volume 16, Issue 2, 2018, Pages 24-29.** Al-Zoubi, M.S., Al-Batayneh, K.M., Al-Trad, B, Alorjani, M, Al-Bashir, S, Al-Zoubi, R.M, Al-Khatib, S.M, Al-Hamad, M, Abd Al-Razaq, M.A, Muhaidat, R, **Matalka, I**
65. **Immunohistochemical analysis of heat shock proteins in triple negative breast cancer: HSP60 expression is a marker of poor prognosis.** European Journal of Gynaecological Oncology, 2018 39(6), pp. 926-934 . K. Bodoor, A. Abu-sheikha, **I. Matalka**, H. Alzou'bi, O. Batiha, A. Abu-Awad, S.A. Jalboush, L. M. Fayyad, E. Qadiri, Y. Jarun, K. Albatayneh, Y. Haddad.
66. **Incidental Finding of Gastrointestinal Stromal Tumor in the Appendix.** Appl Immunohistochem Mol Morphol. 2019 Feb 11. Mourra N, **Matalka I**, Arrive L.
67. **Impact of Obesity on Clinicopathologic Characteristics and Disease Prognosis in Pre- and Postmenopausal Breast Cancer Patients: A Retrospective Institutional Study.** J Obes. 2019 Mar 25;2019:3820759. Ayoub NM, Yaghan RJ, Abdo NM, **Matalka II**, Akhu-Zaheya LM, Al-Mohtaseb AH.
68. **PTEN, ERG, SPINK1 and TFF3 status and relationship in a prostate cancer cohort from an Arab population.** VIRCHOWS ARCHIV, 2019 475, S167-S167.S Al Bashir, M Alorjani, N Aldaoud, O Halasheh, M Al Hamad, **I Matalka.**
69. **Expression of Insulin Receptor and c-MET is Associated with Clinicopathologic Characteristics and Molecular Subtypes in Premenopausal Breast Cancer Patients.** Applied Sciences 2020, 10 (5), 1614. Nehad M Ayoub, Rami J Yaghan, Alia H Al-Mohtaseb, Najla Aldaoud, **Ismail I Matalka**, Muwada E Elhassan.
70. **Human Mammary Tumor Virus, Human Papilloma Virus, and Epstein-Barr Virus Infection Are Associated with Sporadic Breast Cancer Metastasis.** Breast Cancer: Basic and Clinical Research, 2020 Nov 24;14. Mohammad Al Hamad, **Ismail Matalka**, Mazhar Salim Al Zoubi , Ivana Armogida , Rawan Khasawneh , Maysa Al-Husaini , Maher Sughayer , Saied Jaradat , Amjad D Al-Nasser , Chiara Maria Mazzanti.
71. **A 47-Year-Old Woman with Immunoglobulin G4 (IgG4)-Related Disease Involving the Right Ovary.** Am J Case Rep 2020 Oct 27;21. Mohammed S Alorjani , Nail A Obeidat , Emad I Ababneh , Abdulrahman A Salem , **Ismail I Matalka.**
72. **Cellular pathology practice in the era of COVID-19 pandemic-related lockdowns - Experience from a tertiary hospital: A retrospective observational study.** Annals of Medicine and Surgery, 2021, 63, 102155. Alorjani, M., **Matalka, I.**, Baker, S., Alkhatib,S., Al Bashir, S., Al-Qudah, M.

SELECTED POSTER/ ORAL PRESENTATIONS

1. **Nasopharyngeal Carcinoma in Jordan: Experience of a Single Institute,** Maysa Al-Hussaini, **Ismail Matalka.** The 2nd Khibc Mena Cancer Research Conference, October 2-3, 2009, Amman, Jordan.
2. **Inhibition of MEK Sensitizes Paclitaxel-Induced Apoptosis of Human Colorectal Cancer Cells by Down-regulation of GRP78.** Nizar M. Mhaidat, **Ismail Matalka**, Saied A.

Jaradat. The 2nd Khibc Mena Cancer Research Conference, October 2-3, 2009, Amman, Jordan.

3. **Mutations of the Tyrosine Kinase (JAK2) in Jordanian Patients with Chronic Myeloproliferative Disorders and Leukemia.** Saied A. Jaradat, Rawan Khasawneh, Nazmi Kamal, **Ismail Matalaka**, Suleiman AL-Sweedan, and Mohammed Al-Bishtawi. The 2nd Khibc Mena Cancer Research Conference, October 2-3, 2009, Amman, Jordan.
4. **BRCAL Promoter Methylation in Peripheral Blood DNA from Jordanian Women with Breast Cancer.** Saied A. Jaradat, Hazem Haddad, Aseel- Abosher, Mysa Al- Omary, Rami Yaghan, Wajih Owais, **Ismail Matalaka** and Ali Aboseeni, The 2nd Khibc Mena Cancer Research Conference, October 2-3, 2009, Amman, Jordan.
5. **A case of HHV8-Positive Multicentric Castleman Disease with Plasmablastic Micro lymphoma in HIV-Negative Patient.** Ayat Al-Oqaily, Haytham Rijjal, Rola Salama, Ismail Matalaka, Maher Sughayer. The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan.
6. **Neck subcutaneous Paraganglioma with aggressive Behavior.** Ali Ramadan, Ismail Matalaka. The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan.
7. **EBV-Positive Lymphoepithelioma-Like carcinoma of the Breast.** Anwar Rjoop, Alia Mohtaseb, Mohammad Al-Hamad, Ismail Matalaka. The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan.
8. **Spinal Cord Tanycytic Ependymoma: Case Report.** Hiba Al-Zoubi, Ramez Zaid, Ali Ramadan, Ismail Matalaka. The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan.
9. **Subcutaneous Unusual Fibromyxoid Lesions of Uncertain Nature.** Nisreen Bataineh, Rola Salamah, Ismail Matalaka. The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan.
10. **Uterine Intravenous Leiomyomatosis with Pulmonary Spread.** Farah Al- Naimy, Rufaida Alwaqfi, Husam Telfah, Shadi Al-Hamouri, Isam Lataifeh, and **Ismail Matalaka**. The 25th congress of the Arab Division International Academy of Pathology and the 5th Conference of the Jordanian Society of Pathologists, November 7-9, 2013, Amman-Jordan.
11. **Bizarre Stromal Cells in the esophagus Mimicking Invasive Malignancy.** Ayat Al-Oqaily, Najla AlDaoud, **Ismail Matalaka**. The 25th congress of the Arab Division International Academy of Pathology and the 5th Conference of the Jordanian Society of Pathologists, November 7-9, 2013, Amman-Jordan.

ADVISOR AND CO-ADVISOR

1. Advisor, Master thesis project by Suhaib Alsaadi, **Coeliac Disease in Jordan; Histological and Immunophenotypic Profile.** January 2004.
2. Advisor, Master thesis project by Muteq Al Rasheedi, **Detection of Helicobacter Pylori in Gastric Biopsies: A comparative study.** January 2004.
3. Co advisor, Master thesis project by Mohammed Alrousan, **Genotyping of alpha-1- autitrypsin in prostate and colon cancer tissue. June 2004**
4. Co advisor, Master thesis project by Marwa Farid, **Genotypes of Helicobacter pylori prevalent among Jordanian patients with gastritis.**

5. Co advisor, Master thesis project by Toqa Manasreh, **An intelligent Quantitative Evaluation of liver fibrosis using Neural Networks.** June 2005
6. Co advisor, Master thesis project by Rowida Fayes AL-Momani, **Screening for Common mtDNA Mutations Specifically for Those Causing Merrf, Melas Disorders among Jordanian Population.** July, 2005.
7. Co advisor, Master thesis project by Rami Ahmad Yaseen Hayajneh, **Prognostic Evaluation of Mumi/ IRF4, CD138, BCL-6, and CD10 Expression in Jordan Patients with Diffuse Large B- Cell Lymphoma.** May, 2007.
8. Co advisor, Master thesis project by Bander Khaled Al-Rayes, **Exploring the Role of Biological Activity of Inducible Nitric Oxide Synthase in Brain Injury Cases.** July 2008.
9. Co advisor, Master thesis project by Hassan Ahmed Moh'd Asiri, **The Biological Relationship between Type II diabetes, Endometrial Caner and Obesity in rats.** 2008.
10. Co advisor, Master thesis project by Sofia- Alomari, **Serum Erythropoietin Level among Lymphoma Patients.** 2008.
11. Co advisor, Master thesis project by Mona Abd- Al-Hamid Asa'd, **The Role of Immunohistochemical Markers In Diagnosis of Thyroid Lesions,** June 2009.
12. Advisor, Master thesis project by Baker M AlSheikh , **Investigation the incidence of Human papilloma Virus in Colorectal cancer in Nothern Jordan,** August 2010.
13. Co Advisor, Master thesis project by Lina Abdulhussein Fatlawi, **Study the Preventive Effect of Statins Against L-Arginine Large Doses Induced Acute Toxicity of Pancreas,** July 2011.
14. Advisor , Master thesis project by Myassar M Barahmeh, **Incidence of JC Virus in Colorectal cancer in Northern Jordan,** November 2011.
15. Co advisor, Master thesis project by Fatima A Salameh, **Incidence of Human papilloma Virus in Lung cancer in Nothern Jordan,** December 2011.
16. Co Advisor, Master Thesis project by Haneen Ahmad Abed amawi , **Correlation Between BCL-2 and MCL-1 Single Nucleotide Polymorphisms and Chemotherapy Responses in Jordanian Patients with Colorectal Cancer,** August 2013.
17. Co Advisor, Master Thesis project by Ahmad Abdel-Razaq Mohammad, **The relationship between Helicobacter pylori and gastric adenocarcinoma in northern Jordan : Correlation with p27 immunoexpression.** 2015
18. Co Advisor, Master Thesis Project by Sara Basel Abu Jalboush , **The Role of Heat Shock Proteins; HSP90, HSP70, HSP27, and HSP60 in the Pathogenesis of Gastric Cancer in Jordanian Patients.** July 2015.

PhD COMMITTEE MEMBER

1. Nihad Hussein Ahmad Al-Othman, **Role of Androgens in MiRNA Expression in Triple Negative Breast Cancer.** July 2017. University of Jordan.
2. Nour Mahmoud Obeidat. **The Effect of Long Term Hypoxia on the Expression Level of Metabolic Related Genes in Pancreatic Cancer Cell Line.** March 2018. University of Jordan.

MASTER THESIS COMMITTEE MEMBER

1. Asegedech Sirak Mefekia, prevalence, **Pathological Diagnosis and Molecular study of Mycobacterium Paratuberculosis in Local Sheep and Goat in central and Northern Jordan**, January 2003 (Jordan University of science and Technology).
2. Yousef Sharif Omar, **Immunological Typing and IgG Subclass Distribution in Plasma Cell Dyscrasias Diagnosed Among Jordanian Patients**, April 2004 (Jordan University).
3. Abdullah Abdul Jabber Al-Alimi, **Study of Glucose-6-Phosphate Dehydrogenase Activity Level in Females with Haemolysis Crisis in the North of Jordan**, May 2005 (Jordan University of science and Technology).
4. Naeem Majeed Ali Kanakre, **Identification of Glucose-6-Phosphate Dehydrogenase (G6PD) type B –C563T and G6PD A-G202A mutations By Allele Specific Polymerase Chain reaction (AS-PCR) in North of Jordan**, May 2005 (Jordan University of science and Technology).
5. Malek Ali Al-Najdawi, **Anti-Extractable Nuclear Antigen- Antibody Profile In Hepatitis C Patients Undergoing Haemodialysis**, June 2005 (Jordan University of science and Technology).
6. Nadia Saleh Nemer, **Polymorphisms of Glutathione –S- transferase Gene and Susceptibility to Lung and Breast Cancer in Jordan**, July 2005 (Jordan University of science and Technology).
7. Ahlam Khalid Khitous. **The Association between Apoe4 Gene and Multiple Sclerosis in Jordan Patients**, September, 2005.
8. Suzie Yasin Rababa'h, **Screening of Mutations Associated with Malignant Hyperthermia in Ryandoine Receptor Gene (RYRI) in Jordan**, January. 2006.
9. Maha Khalid Al Mazrou'a, **Screening for Polymorphisms in CNRI gene Among Addicted Patients in Saudi Arabia**, August, 2006.
10. Amani Zaki Kasasbeh, **Distribution of Lipoprotein A-I Subclasses in Frash Plasma of Healthy Subjects**, May, 2006.
11. Lama Abdul-Kareem Abu-Jamous, **Screening for Mutations in Exons 5, 6, 7, and 8 in PTEN Gene in Jordanian Patients with Astrocytoma**, Jan, 2007.
12. Mohammad AbdAlMoeen Yousef Abdelhadi, **An intelligent System for Multiple Sclerosis Lesion Detection and Quantification in MRI Images**, Dec, 2008.
13. Aseel Fayez Abualshaar, **Screening for Germline Mutations in Brca 1 Gene among Jordanian Patients with Breast Cancer**, JUST May, 2008.
14. Wasan Abdel Rahman Ahmad Abdel Majid, **Study the Prevelence of Thalassemia (Alpha and Beta) in a Well Defined Community(Molecular and Hematological Study)**, Jordan University, August 2008
15. Hiba Marwan Al-Atoum, **Study the Association between Single Nucleotide Polymorphisms in the mu-Opioid Receptor Gene (OPRM 1) and Addiction**, Dec, 2008.
16. Wisam Alaa Kamil, **Clinical Efficacy of Periodontal Treatment Modality on the Circulating Biomarkers and Cholesterol among a Sample of Jordanian Patients with Advanced Periodontitis**, JUST May, 2009.
17. Nour Ahmad Faleh Al-Sawalha, **Chemotherapy-Induced Endoplasmic Reticulum Stress in Human Colorectal Cancer**, JUST May, 2009.

18. Rawan Bassam Khassawneh, **Mutations of the Tyrosine Kinase (JAK2) In Patients with Chronic Myeloproliferative Neoplasms**, JUST May, 2009.
19. Mohammed Saleh Khaleel, **Genetic Analysis of Insulin Gene Polymorphisms of Type 1 Diabetes Mellitus in Jordan**, January 2010.
20. Mohammed Sayyed Abu Basha, **Genetic Analysis of PTPN22 Polymorphisms of Type 1 Diabetes Mellitus in Jordan**, January 2010.
21. Sameera Khader Mhasien, **Identification Low Density Lipoprotein Receptor Gene Mutations In Patients Suffering From Family Hypercholesterolemia Disease In Jordan**, January, 2010.
22. Moneeb Abdulla K. Othman, **Genetic Analysis of IL2RA 1 Diabetes in Jordanian Patients**, May, 2010.
23. Boodor Mohammed Alkawani, **Genetic Analysis of CTLA 1 Diabetes in Jordanian Patients**, June, 2010.
24. Zahra Zakaria Al-Joulani, **Detection of Mycobacterium Tuberculosis in Paraffin-Embedded Tissue showing Granulomatous Inflammation Using PCR Assay**. JUST May, 2011.
25. Nida Anwar Ababneh, **In Vitro Selection of Nucleic Acid Aptamers Targeted Against Cancer Stem Cell Surface Marks by Systemic Evolution of Ligands by Exponential Enrichment (SELEX)**, Jordan University, January 2012.
26. Rand Yusef Zaza, **Investigation of MERTK and TYK2 Association with Multiple Sclerosis in Jordanian Patients**. Jordan University, May 2013.
27. Bara'a Mahmoud Qaqish, **Occupational Exposure to Pesticides and Occurrence of the Chromosomal Translocation t(14:18) Among Farmers in Jordan**. Jordan University, July 2013.
28. Randa Nayef Al Momani, **Pseudomonas Aeruginosa Colonization and Infection in Patients with Haematological Malignancies in Northern Jordan Hospitals**. JUST, June 2014.
29. Sara Mahmoud Al Atiyat, **Application of Cystatin C as a Biomarker for Glomerular Filtration Rate in a Group of Adult Cancer Patients, Receiving Cysplatin Chemotherapy in King Hussein Cancer Centre in Jordan**. December 2014, Jordan University.
30. Manal Yousuf Slihat, **Evaluation of Platelets Surface Antigens and Activation Markers in a Group of Patients with Myeloproliferative Neoplasms by Multicolor Flowcytometry and Correlation with JAK2 Mutational Status**. April 2015, Jordan University.
31. Ala Salaheddin Da'bas, **Degree of EGFR, Survivin and CD25 Expression in Diffuse Large B- Cell Lymphoma and Multiple Myeloma Using Immunohistochemistry**. May 2015, Jordan University.
32. Lena Emad Omar Abu Khalaf, **Evaluating the Use of high Performance Liquid Chromatography in the Diagnostic Pathway for Microcytic Anaemia in Jordan**. August 2015, Jordan University.
33. Mujab Emadeddin Shaqeeqa, **DNA Aptamers Targeting Cancer Stem Cell Marker CD133**. December 2015, Jordan University.
34. Doa' Waleed Hasan Al-Kaed, **Expression of hormonal Receptors (Oestrogen/Progesterone) in Lymphoma by Immunohistochemical Stains**. January 2016, Jordan University.
35. Zahra' Khalid Al-Qadoumi, **Induction of γ Globin Gene Expression by Using Histone Deacetylase Inhibitors and Expression of BCL11A**. January 2016, Jordan University.

36. Dana Basem Alsafadi, **The Role of RGS2 in epithelial Mesenchymal Transition of Molecular Apocrine MBA-MD-453 Breast Cancer Cell Line Upon Treatment With DHT.** April 2018, Jordan University.
37. Amani Mohammad Sawaftah, **the Impact of Blood Group and Time on the Level of Factor VIII and Fibrinogen in Cryoprecipitate Units.** July 2018. Jordan University.
38. Taghrid Farid Hasheesh, **The cellular actions of bovine serum albumin-conjugated testosterone on breast MDA-MB-453 cells: a comparison of two commercial products.** December 2019, Jordan University.
39. Heba Yousef Alsalahat, **Expression of programmed death-1 (pd-1) and programmed death ligand-1 (pd-l1) is a prognostic factor and contributes to immune regulation in human ovarian cancer: a study from Jordan.** December 2020, Jordan University.
40. Haifa Abdel-Haleem Shaker Daoud, **Evaluation of serum Hepcidin level in children with Acute Lymphoblastic Leukemia.** April 2021, Jordan University.

PROFESSIONAL TRAINING COURSES/SYMPOSIA

- The bi-annual Scottish Trainee Symposia, 1995- 2000.
- The weekly Western Infirmary training seminars and projection sessions, 1995-2000.
- The weekly projection session at the Royal Infirmary, 1997-2000.
- The meetings of the Association of Clinical Pathologists, 1995-2000.
- Current Concepts in Tumour Pathology Course, HCI, Clydebank, September 1995.
- The Pathological Society of Great Britain and Ireland meeting, London, January 1997.
- The Sheffield Diagnostic Histopathology Course, 7-18 July 1997.
- Advanced Course in Histopathology, Edinburgh, September 1999.
- The Melanoma Group meeting, University of Glasgow, November 1999.
- ACP/BCG GI pathology teaching course, Edinburgh, December 1999.
- IT course for Specialist Registrars, January 2000 (searching for medical information on the www.).
- Cytopathology for Pathologists Course, Northwick Park Hospital, London, February 2000.
- Endoscopy workshop, Glasgow Royal Infirmary, September 2000.
- SNLG Extranodal Lymphoma Pathology Workshop, Edinburgh, November 2000.
- Symposium on upper GI tract pathology, British Division of IAP, London, November 24th 2000.
- CPD Cellular Pathology Update. The Royal College of Pathologists. February 2001.
- Update on Colorectal Cancer Symposium, Leeds, March 2001.
- The Annual Meeting of the British Society of Gastroenterology, Glasgow, March 2001.
- The 13th congress of the International Academy of Pathology-Arab Division, Damascus, September 2001.
- IBN SINA congress of pathology, Tunis, November 2001.
- The 14th congress of the International Academy of Pathology-Arab Division, Riyadh, September 2002.

- The National workshop on Mental Health in Jordan May 9th 2003
- The 15th congress of the International Academy of pathology- Arab Division Cairo, October 2003.
- The Fourth Scientific Day of Princess Rahma Hospital. Irbid-Jordan, March 25th 2004.
- The 5th Pan Arab Cancer Congress, Kuwait 4th-8th April 2004.
- The First Conference of Arab Faculties of Medicine Society and First Conference of Jordanian Faculties of Medicine. April 19-22nd 2004.
- XXVIIIth congress of the International Society of Blood Transfusion (ISBT), Edinburgh 11-15 July 2004.
- The 16th congress of the International Academy of pathology- Arab Division, Tunis, September 2004(**Speaker**).
- Training course in electron microscopy (techniques & interpretations), electron microscopy unit – Assiut University – Egypt, 26 – 31 March 2005.
- The 19th Scientific Day of School of Medicine, JUST. April 27-28th 2005.
- The first international conference of the allergy and immunology, Amman, 4- 6 May 2005.
- **President** of the 17th congress of the International Academy of Pathology- Arab Division, Amman, November 2005.
- Pathology of GIST and Neuroendocrine Tumours. American University of Beirut (AUB). June 22-23rd 2006.
- The Second conference of the Jordanian Society of Pathology & Laboratory Medicine, Amman – Jordan, 31August – 3rdSeptember 2006 (**Chairman of the scientific committee**).
- Allergy Symposium. King Fahad Specialist Hospital-Dammam, KSA. December 13th, 2006.
- Endoscopic Retrograde Cholangio-Pancreatography “ERCP” From A-to-Z Prince Hamza Hospital, Amman-Jordan. March 28-29th 2007 (**Speaker**).
- The 42nd Annual Meeting of the European association for the Study of liver (EASL), Barcelona – Spain, 11-15 April 2007.
- The first Jordanian Hellenic Pathology Conference, Crete – Greece, April 2007 (**Speaker**).
- The 4th Arab school of pathology (Updates on Gynaecological Pathology), Irbid – Jordan, 23-25 April 2007 (**Organizer & Speaker**).
- The Liver Pathology Workshop, Tunis – Tunisia, June 2007 (**Speaker**).
- The "Updates in Gynaecological Oncology" symposium, King Hussein Cancer Centre, Amman, 30th -31st August 2007.
- The 21st European Congress of Pathology, Istanbul, Turkey, 8th -13th September 2007.
- HER2 Professional Expert Course, Kassel, Germany, 20th – 22nd November 2007.
- The 19th congress of the International Academy of Pathology- Arab Division, Aleppo – Syria, December 2007.
- Monothematic Symposium: Inflammatory Bowel Disease from A-Z. December 17th, 2007. Intercontinental Hotel, Amman-Jordan.

- Workshop on Gastrointestinal Stromal Tumours. King Hussein Cancer Centre, Amman-Jordan. February 14th, 2008.
- The Dermatopathology Workshop (Inflammatory Skin Disease in Focus), Arab School of Pathology, King Abdullah University Hospital, Irbid _ Jordan, April 21-22, 2008 **(Organizer)**.
- The 43rd Annual Meeting of the European association for the Study of liver (EASL), Milan – Italy, 23-27 April 2008.
- The 3rd conference of the Jordanian Society of Pathology & Laboratory Medicine, Amman – Jordan, 5-8 November 2008 **(Chairman of the scientific committee)**.
- The 20th congress of the International Academy of Pathology- Arab Division, Algeria – Algeria, 24-26 December 2008.
- The Annual Meeting of United States & Canadian Academy of Pathology (USCAP), Boston – USA, 7-13 March 2009.
- The Arab school of pathology Symposium: Liver Diseases: Diagnostic Pathology with a clinical Focus, Irbid – Jordan, April 8-9, 2009 **(Organizer and Speaker)**.
- The 44th Annual Meeting of the European association for the Study of liver (EASL), Copenhagen – Denmark, April 22-26, 2009.
- The Paediatric Pathology Workshop, Arab School of Pathology, King Hussein Cancer Centre, Amman – Jordan, 12th July 2009 **(Organising Committee)**.
- The 3rd Jordanian Hellenic Pathology Conference, Limassol – Cyprus, October 29-31, 2009 **(Organizer and Speaker)**.
- The XXI Congress of the International Academy of Pathology- Arab Division, Bahrain – Bahrain, 4-6 December 2009.
- The X Congress of the Jordanian Society of Gastroenterology, Amman – Jordan, 26-27 March 2010 **(Organizer)**.
- The Endocrine Pathology Workshop, Arab School of Pathology, King Abdullah University Hospital, Irbid – Jordan, 8-9 April 2010 **(Organizer)**.
- The X11 Annual Conference of Syrian Society of Pathology Damascus, April 15-17, 2010.
- Arkadi M. Rywlin International Pathology Slide Seminar Club. The 4th Symposium in Anatomic Pathology. Istanbul, Turkey, June 5-6, 2010.
- NAAMA's 24th International Medical Convention Medicine in the Next Decade: Updates in Surgical Pathology. July 1-2nd 2010. InterContinental Phoenicia Hotel, Beirut-Lebanon.
- Gastrointestinal Pathology and Hepatopathology Courses, Armed Forces Institute of Pathology. August 30 – September 4, 2010. Washington DC, USA.
- The XXII Congress of the International Academy of Pathology- Arab Division, Cairo – Egypt, 16-18 December 2010.
- The 9th Arab-British School of Pathology in Collaboration with the Sudanese Association of Pathologists, Soba University Hospital, Khartoum, Sudan, March 15th -17th 2011 **(Organizer)** .
- Arab School of Pathology: Bone Marrow Pathology workshop. March 30th 2011, King Abdullah University Hospital, Irbid, Jordan, **(Organizer)**.

- The 4th International Conference of Pathology and Laboratory Medicine, April 14th – 16th 2011. Amman- Jordan **(Organizer)**.
- The Arab School of Pathology on Neuropathology, September 20-22, 2011 Alexandria- Egypt **(Organizer)**.
- Workshop on Molecular Pathology, November 29-30, 2011, Beirut, Lebanon.
- The 23rd congress of the Arab Division International Academy of Pathology, November 30- December 3, 2011, Beirut-Lebanon.
- The Annual Meeting of United States & Canadian Academy of Pathology (USCAP), Vancouver – Canada, 17-23 March 2012.
- The 10th Arab-British School of Pathology in Collaboration with the Jordanian Society of Pathologists, an intensive educational course on the pathology of gastrointestinal tract, King Abdullah University Hospital, Irbid, Jordan, April 19th - 20th 2012 **(Organizer & Speaker)**
- The Arab School of Pathology, in collaboration with Kurdistan Board of Laboratory medicine and Iraqi Society of Pathology. An intensive Educational Course for Iraqi Pathologists. Erbil 12-16 May 2012. **(Organizer & Speaker)**
- The XXIX International Congress of the International academy of Pathology, 30 September – 5 October 2012. Cape Town – South Africa.
- The VII Medical Conference of Faculty of Medicine, Jordan University of Science & Technology. 12-13 November 2012. King Abdullah University Hospital. Irbid – Jordan. **(Speaker)**
- The 6th International Conference of the Royal Medical Services. Dead Sea, November 19-22nd 2012. **(Speaker)**
- The International Pathology Symposium, Prince Sultan Military medical City, Riyadh-KSA. 24-28 November 2012. **(Speaker)**
- The 24th congress of the Arab Division International Academy of Pathology, December 6-8, 2012, Khartoum-Sudan.
- The 3rd International conference of Jordan Society for Medical Laboratory Sciences. March 23-25, 2013. Amman-Jordan. **(Speaker)**
- The 9th Pan Arab Blood Banking Conference. April 23-26th, 2013. Amman-Jordan. **(Speaker)**
- Blood Bank Roundtable Discussion "Enhance Transfusion Safety in Blood Banks", May 29th 2013, Amman-Jordan.
- The 25th congress of the Arab Division International Academy of Pathology and the 5th Conference of the Jordanian Society of Pathologists, November 7-9, 2013, Amman-Jordan. **(President of the Conference)**.
- Breast Cancer Awareness Conference organized by JUST Medical student Association, Irbid-Jordan, 30th November 2013. **(Speaker)**
- Lancet Palestinian Health Alliance Conference; Health of Palestinians inside and outside the occupied Palestinian territory. Grand Palace Hotel, Amman, Jordan, 17-18 March 2014.
- The 4th International Congress of Irbid Medical Association, March 19-21, 2014. Irbid- Jordan. **(Speaker)**
- Conference on Cancer Biobanking; "Establishing the First Cancer Biobank in Jordan ", April 10th -11th 2014. Le Meridian, Amman –Jordan.

- The Scientific Conference on Ethics of Medical research & Enhancing the Role of Young Researchers. Amman-the University of Jordan, April 29th-30th 2014.
- The First Meeting of the Turkish Division of the International Academy of Pathology. Istanbul, Turkey, June 7-8 2014.
- The XXX International Congress of the International academy of Pathology, 5-10 October 2014. Bangkok – Thailand.
- The 26th congress of the Arab Division International Academy of Pathology, December 10-13, 2014, Sousse-Tunis. **(President of the Division)**.
- Arab School of Pathology workshop on Lung Pathology, January 16-18, 2015 Amman, Jordan **(President & Organizer)**.
- Tumour Markers Symposium. Organized by Jordanian Society of Pathologists. May 2-3, 2015. Amman – Jordan.
- The 27th European Congress of Pathology, September 5-9, 2015. Belgrade, Serbia.
- The 27th congress of the Arab Division International Academy of Pathology, November 26-28, 2015, Dubai-UAE. **(President of the Division)**. 28.5 CME by Ministry of Health, UAE
- The Eastern European Congress on Chronic Diseases. December 18-19, 2015. Chisinau, Republic of Moldova. **(Speaker)**
- HPV and Cervical Cancer Screening Advanced Workshop, February 12-13, 2016, Dubai, United Arab Emirates. .
- JUST Mental Health Primary Care Workshop, April 6-7, 2016, JUST Campus, Irbid, Jordan. Supported by the Global Mental Health Initiative. **(Dean and Facilitator)**.
- The 8th International Medical Conference of Medical School, Jordan University of Science and Technology, April 14-16, 2016, JUST Campus, Irbid, Jordan. **(President of the Conference)**.
- PD-L1 Testing in NSCLC, Train the Trainer Course. July 28-29, 2016. Zurich-Switzerland.
- The XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology "Predictive Pathology, Guiding and Monitoring Therapy ", September 25-29, 2016, Cologne, Germany.
- The 28th congress of the Arab Division International Academy of Pathology, October 20-22, 2016, Algiers-Algeria. **(Speaker)**.
- Arab School of Pathology workshop on Hematopathology, January 19-21, 2016, King Abdullah University Hospital, Jordan **(President & Organizer)**. 11 CME by Jordan Medical Council
- The 5th International Congress of Irbid Medical Association, February 24-26, 2016. Irbid- Jordan. **(Speaker)**
- Arab School of Pathology workshop on Soft Tissue Pathology, July 30-31, 2016, King Abdullah University Hospital, Jordan **(President & Organizer)**. 12 CME by Jordan Medical Council
- The 6th International Congress of Irbid Medical Association, March 22-24, 2016. Irbid- Jordan. **(Speaker)**
- The 8th International Conference of the Royal Medical Services. November 16-17, 2016. Dead Sea, Jordan. **(Moderator)**

- The 1st Infectious Disease Society of Jordan Conference. January 26-28, 2017. Aqaba, Jordan.
- Jordanian National Immunization Program: Bridging the Gaps. April 4th, 2017. Amman, Jordan.
- The 4th Annual Meeting of Pakistan Division of International Academy of Pathology and the 7th annual Meeting of Histopathology & Cytology Society of Pakistan. April 7-8, 2017. Karachi, Pakistan. **(Keynote Speaker)**
- The 29th European Congress of Pathology, September 2-6, 2017. Amsterdam, Netherlands.
- The 29th congress of the Arab Division International Academy of Pathology, November 15-18, 2017, Muscat, Oman.
- The 9th Congress of the Jordanian Society of History of Science. October 10-11, King Abdullah University Hospital, Irbid-Jordan
- The 9th International Medical Conference of Medical School, Jordan University of Science and Technology " Just to Adjust Your Health: Time to Give Back to the Community ", October 18-19, 2017, King Abdullah University Hospital, Irbid, Jordan. **(Speaker)**. 10 CME by Jordan Medical Council
- The 6th International Congress of Irbid Medical Association, April 4-7, 2018. Irbid-Jordan. **(Keynote Speaker)**.
- The 5th Annual Meeting of Pakistan Division of International Academy of Pathology and the 8th annual Meeting of Histopathology & Cytology Society of Pakistan. April 20-22, 2018. Lahore, Pakistan. **(Keynote Speaker)**
- Recent Trends in Management of Gastrointestinal Malignancies, April 27-28, Jeddah, KSA. **(Speaker)**
- The International Pathology Summer School. Organized by the Royal College of Pathologists and the Egyptian Committee for Pathology Training. July 28-30, Cairo, Egypt. **(Organizer and Keynote Speaker)**
- The 30th European Congress of Pathology, Sep 8-12, 2018. Bilbao, Spain. "Pathology: Path to Precision medicine".
- The XXXII International Congress of the International academy of Pathology, 14-18 October 2018. Dead Sea – Jordan **(President and Speaker)**.
- The 9th International Conference of the Royal Medical Services. October 31 – November 2, 2018. Dead Sea, Jordan. **(Moderator)**
- International Pathology Day (Pathology Futures: The role of genomics in disease diagnosis, treatment & prevention). November 14, 2018. The Royal College of Pathologists, London- UK.
- The 1st International Conference on Cancer Care Informatics (CCI), November 19-21, 2018. Amman- Jordan.
- "Fostering National Initiatives for Management of Healthcare - Associated Infections. Amman- Jordan. December 17th, 2018.
- The Jordanian Society of Haematology International Conference on Benign Haematological disorders and Immunotherapy in Malignancies. Amman-Jordan. March 13-15, 2019.
- Roche days & Oncopathology Forum. Dubai-UAE. April 15-16, 2019

- The 8th International Congress of Irbid Medical Association. Irbid-Jordan. April 24-26, 2019.
- The First International Conference of Kurdistan Society of Pathology. Erbil-Kurdistan. May 1-3, 2019. **(Speaker)**
- The 31st European Congress of Pathology, Sep 7-11, 2019. Nice, France. "Pathology is Nice".
- The 31st congress of the Arab Division International Academy of Pathology, October 23-26, 2019. Hurghada, Egypt.
- The 12th Pan Arab Blood Transfusion Conference. October 3-5 2019. **(Organizing Committee)**.
- Medical litigation Law seminar. November 7, 2019. King Abdullah University Hospital. Irbid-Jordan.
- International Pathology Day (Advances in Rapid and Point-of-Care Diagnosis Testing). November 13, 2019. The Royal College of Pathologists, London- UK.
- Bridging The Gaps-II (vaccines for All- Celebrating the Future).December 7,2019. Amman-Jordan.
- Medlab Middle East, 3-6 February 2020. Dubai, UAE. **(Speaker)**
- The Association for Medical Education in Europe (AMEE) 2020 Virtual Conference, 7-9 September 2020.
- Anbar 1st International Medical Conference (AIMCO 2020); COVID-19: Updates on Management and Outcome. Anbar University and the Royal College of Pathologists. 28-29 November 2020 (Virtual). **Session Chair**.
- The 32nd Congress of the ESP and XXXIII International Congress of the IAP, 6-8 December 2020. Glasgow (Virtual).
- The 45th Annual Scientific Meeting of the Australasian Division of the International Academy of Pathology. 22 – 24 April 2021 (Virtual).
- Digital Pathology Future Disruptive Seminar. Riyadh, KSA. 6-7 April 2021 (Virtual)

SELECTED CURRENT MEMBERSHIPS

- **Member** of the Jordanian Medical Association.
- **Member** of Jordan Cancer Society.
- **Member** of Jordanian Society of pathology &Laboratory Medicine.
- **Past Member** of Association of Clinical Pathologists, UK.
- **Past Member** of the British division of International Academy of Pathology.
- **Past Member** of the British Society of Gastroenterology.
- **Council Member** of the Arab Division of International Academy of Pathology.
- **Past President and current member** of Jordanian Society for Relief and Health Care
- **Past Member of Executive Committee** of King Hussein Charitable Society for Orphans
- **Past Member of Executive Committee** of Respiratory Diseases of Children Society

SELECTED PAST MEMBERSHIPS & ACTIVITIES

Jordan University of Science and Technology (1985-1991):

- **Director** of Students' Scientific Committee of Medical School, 1986-1988.
- **Director** of Health Education and Blood Bank Association, 1987.
- **Director** of the Debate Club, 1987-1989.
- **Delegate** of the Jordanian Universities to Youth Leadership Project in U. S. A. 1988.
- **Member** of the Committee of the University Graduates, 1991-1993.

Princess Basma Teaching Hospital (1991-1992):

- **Director** of Rotating House Officers' Committee
- **Member** of the Social Committee.

Jordan University Hospital (1992-1996):

- Laboratories' **Chief Resident**
- **Member** of the Hospital Residents' Committee

Glasgow Royal Infirmary, Scotland (1995-2001):

- **Trainees Representative** in the Administration Committee