

CURRICULUM VITAE

Personal details:

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Excutive Summery:

I obtained my primary medical degree in 2004. I spent one year as intern and obtained my full medical registration in Jordan, 2004. I have worked for 4 years in different medical disciplines including medical and surgical resident at Arab Medical Centre, psychiatric resident at Alrashid Psychiatric Hospital, and emergency doctor at the Jordan International Police Training Centre clinic. I have applied for registration with the Australian Medical Council (AMC) in 2012.

I have obtained a master degree in biomedical sciences, from Monash University, Australia, 2008. I was graduated with first class honour, and received the Nairn medal for distinguished achievement. Followed by obtaining a PhD degree in Immunology, Australian Centre of Blood Diseases, Monash University, 2011. During my PhD studies I had 10 publications in highly ranked international peer reviewed journals, and a book chapter at a referral textbook. I have received the Australian Society of Thrombosis and Haemostasis scientific medal award, Australia, 2009, the Young Investigator award from The Asian-Pacific Society, Japan, 2010, and distinguished post-graduate publication award, Monash University, 2011. Later on, I have worked as a post-doctoral fellow Immunology/haematology, clayton campus, Monash University for 1 year. I have published three highly ranked publications and developed a new blood grouping assay that obtained an international patent and was adopted by an international commercial company. During my PhD and post-doctoral studies I maintained my clinical skills as assocaite academic/clinician at the department of general praticic, Monsh University from 2008 until 2012 (8 hours per week).

From 2012 till now, I am appointed as assistant professor with the Faculty of Medicine, Hashemite University, Zarqa, Jordan. I have taught many undergraduate and postgraduate courses in Immunology, Microbiology and Haematology, supervised 4 master students and 3 international students for elective research courses, obtained 5 local grants of more than \$100,000 and 1 international grant of \$100,000 as principal invistigator. I have established a well equipped research lab focusing on multidrug resistant infections. During the same period, I was appointed as part time lecturer in Immunology and Microbiology at Jordan University. I have participated in many national and international meetings and conferneces, coordinated and attended many workshops, particcipated and headed many councils and comittees, provided many lectures and organized many community events. In 2015, I was appointed as Dean assistant for 3 years, acting head of basic medical scinces departemnt for 6 months, and recently as Head of basic medical sciences department, Faculty of Medicine, Hashemite University, Jordan. Currently I have over 20 publications including 10 first author papers and 4 correspondung author papers.

Education:

- 1- High school certificate, Jordan, grade excellent, 1998

- 2- Bachelor of Medicine and Surgery, Faculty of Medicine and Health Sciences, Aden University, Khormakser, Yemen, P.O.Box 878, Tel +976 2 233398, grade very good, 1998-2004
- 3- Internship certificates from Jordan Medical Council, Tabourbour, Amman, Jordan, P.O.Box 960411 Amman 11196, Tel +96265160645, grad very good, 2004
- 4- Master of Biomedical Sciences, Monash University, Melbourne, Victoria, Australia, Post code 3800, Tel +61 3 9902 6000, grade 1st class H1, 2007-2008
- 5- PhD, Department of Immunology, Australian Centre for Blood Diseases (ACBD), AMREP campus, Alfred Hospital, Monash University, Melbourne, Australia, 2008-2011

Employment history:

- 1- Internship training for one year, Jordan Medical Council, Amman, Jordan, P.O.Box 960411 Amman 11196, Tel +96265160645,10/2003-10/2004
- 2- Resident doctor at Arab Medical Centre, Fifth Circle, Jabal Amman, Amman, Jordan, P.O.Box 3128 Amman 11181, Tel +96265921199, email: personnel@amc-hospital.com, 12/2004-6/2005, reference Faisal Al qudat (director of human resources)
- 3- Resident doctor at Al-Rashid Hospital Centre, Abu Nsair, Amman, Jordan, P.O.Box 540851, Tel +96254722248, email: alrashid@alrashid-hospital.com, 7/2005-6/2006, reference Radwan A. Banimustafa (consultant psychiatrist and medical director)
- 4- Emergency doctor at the Jordanian International Police Training Centre medical clinic, Muwaqqar, 30 hours per week, Amman, Jordan, P.O.Box 77, Tel +96264300200, 7/2005-2/2007, reference Samuel J. Juett (human resources manager)
- 5- Associate academic/clinical skills tutor, casual contract, 8 hours per week, Department of General Practice, Faculty of Medicine, Nursing and Health Sciences, Monash University, Building 1, 270 Ferntree Gully Rd, Notting Hill, Melbourne, VIC 3168, Australia, Tel +61 399024465, 3/2008-4/2012, reference Faye Alphonso (resource manager)
- 6- MBBS assessment associate, MBBS OSCE examiner, OSCE station writing and development, clinical skills and critical learning incident assignments assessor, Faculty of Medicine, Nursing and Health Sciences, Monash University, 3/2008-4/2012
- 7- Immunology/Biochemistry/Molecular biology casual tutor, Department of Immunology, Faculty of Medicine, Nursing and Health Sciences, Monash University, Commercial Road, Melbourne, VIC 3004, Australia, 2008-2010
- 8- Postdoctoral research fellow Biochemistry/Immunology, and laboratory manager, department of biological and chemical engineering, building 59, Monash University, Australia, 2/2011-4/2012, reference Gil Garnier (professor and director)
- 9- Assistant Dean for students affairs, quality affairs, administrative affairs, and examination affairs, Faculty of Medicine, Hashemite University, Zarqa, Jordan, 2015-2018, reference Darwish Badran (professor and Dean)
- 10- Acting head of Basic Medical Sciences, Faculty of Medicine, Hashemite University, Zarqa, Jordan, 2015-2018 (3 months each, total 9 months), reference Darwish Badran (professor and Dean)

Current appointments:

- 1- Assistant Professor, Immunology and Microbiology, Faculty of Medicine, Hashemite University, Zarqa, Jordan, 3/6/2012-
- 2- Assistant Professor, Immunology and Microbiology, Faculty of Medicine, Jordan University, Amman, Jordan. Part time. 2016-2018
- 3- Head of Basic Medical Sciences Department, Faculty of Medicine, Hashemite University, Zarqa, Jordan, 2018-

Languages:

- 1- Native language: Arabic
- 2- English (writing, listening, reading, speaking), IELTS test score 7.5, 2012

Skills:

- 1- Clinical skills: medical interview, physical examination, diagnosis, prevention and treatment
- 2- Laboratory skills: competent in platelets biology, RBCs biology, biochemical assays, molecular biology assays, immunological assays, immunohaematology assays, and microbiology assays
- 3- Commercialization skills: patent applications, medical diagnostics assays validation and commercialization

- 4- Administrative and management skills: communication, follow up, organization, decision making, problem solving, and team leading
- 5- Computer skills: Microsoft (Word, Excel, Windows, and Power point), Corel draw software, GraphPad prism program, SPSS Statistical software, Endnote program, and searching database (Pubmed and Medline, Science Direct, Web of Science, Scopus, Google scholars)
- 6- Human ethics application for research projects, preparation of participants information and consent form, and consenting hospitalized and outpatients
- 7- Excellent oral and written presentations skills
- 8- Excellent teaching skills: lectures, seminars, laboratory demonstration, postgrad supervision, online teaching materials and blended courses

Courses taught:

- 1- Medical Immunology, second year medical students, Faculty of Medicine, Hashemite University, Zarqa, Jordan
- 2- Medical, systemic and diagnostic Microbiology, second and third year medical students, Faculty of Medicine, Hashemite University, Zarqa, Jordan. Third year laboratory sciences students, Allied Health Sciences, Hashemite University, Zarqa, Jordan
- 3- Haematology I and II, third year laboratory sciences students, Allied Health Sciences, Hashemite University, Zarqa, Jordan
- 4- Clinical Skills, first, second and third year medical students, Faculty of Medicine, Hashemite University, Zarqa, Jordan and Faculty of Medicine, Monash University, Melbourne, Australia
- 5- Medical Decision Making, 4th year medical students, Faculty of Medicine, Hashemite University, Zarqa, Jordan
- 6- Advanced Clinical Haematology, master students, Allied Health Sciences, Hashemite University, Zarqa, Jordan
- 7- Advanced Immunology, master students, Allied Health Sciences, Hashemite University, Zarqa, Jordan
- 8- Advanced Microbiology, master students, Allied Health Sciences, Hashemite University, Zarqa, Jordan
- 9- Virology, third year laboratory sciences students, Allied Health Sciences, Hashemite University, Zarqa, Jordan

Master student's supervision:

- 1- Thesis title: Evaluation of the toxic effects of the Nicotiana glauca on the immune, hematopoietic, hepatic and nephritic systems in Balb/c mice. Student: Asma M. Abdan. Master in Medical Laboratory Sciences, Hashemite University, 2014
- 2- Thesis title: Evaluation of potential immunomodulation effect of angiotensin converting enzyme inhibitor "Enalapril" on Balb/c mice. Student: Jumana Abo kwik. Master in Medical Laboratory Sciences, Hashemite University, 2015
- 3- Thesis title: Incidence rate of Toxoplasma gondii: Immunological markers and risk factors in Jordanian women visiting gynecologist clinics in Specialty Hospital in Amman. Student: Amani Ziad Allan. Master in Medical Laboratory Sciences, Hashemite University, 2017
- 4- Thesis title: Detection of hydatid disease in patients referred to hospital in high risk area (Al-Mafraq city) using immunological and imaging techniques. Student: Nisreen Mohammad Ali Al-himsawi. Master in Medical Laboratory Sciences, Hashemite University, 2018

Master thesis examination committee member:

- 1- Thesis title: Evaluation of immunomodulatory effects of antiepileptic drug phenytoin, candidate, Mohammad Hashem Ahmad Jaber, supervisor: Dr. Mohammad Ahmad Al-Fararjeh, Immunology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2012
- 2- Thesis title: Immunological effect of Sandfly saliva in Leshmaniasis pathogenesis in Jordan, candidate: Rwan Asad, supervisor: Dr Nawal Hijjawi, Parasitology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2013
- 3- Thesis title: Immunotoxicity effects of antiepileptic drug, candidate: Adel Lafi, Supervisor: Dr. Mohammad Ahmad Al-Fararjeh, Immunology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2013
- 4- Thesis title: Characterization of Leshmania in Jordan, candidate: Kamal Hijjawi, Supervisor: Dr Nawal Hijjawi, Parasitology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2015

- 5- Thesis title: candidate Nada Nawaf, Supervisor: Dr. Mamoun Hatmel, speciality: Biochemistry, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2016
- 6- Thesis title: Molecular characterization of Entamoeba species in Jordan, candidate: Mahammad Khazaleh, Supervisor: Dr Nawal Hijjawi, Parasitology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2017
- 7- Thesis title: Spatial and temporal characteristics of cancer in Jordan, candidate Juhina Jamal Thnaibat, Supervisor: Dr Salahuddin M Jaber, Master of Environmental Sciences, Faculty of Environmental studies, Hashemite University, 2018
- 8- Thesis title: Differential diagnosis of multiple sclerosis using MRI and selected clinical and biochemical testes, candidate Nawal Adel El-haj, Dr Nawal Hijjawi, Parasitology, Laboratory Medicine, Faculty of Allied Health Sciences, Hashemite University, 2018

International student's supervision:

- 1- Zacchary Fredette, University of Ottawa, Faculty of Medicine, Canada. Antibiotic properties of Actinomycetes and ginger. 1 month elective research rotation, Hashemite University, Jordan, 2016.
- 2- Nelly Zental, University of Heidelberg, Faculty Mannheim, Germany. Novel antibiotics for multidrug resistant bacteria. 1 month elective research rotation, Hashemite University, Jordan, 2017.
- 3- Serifegul Lacin, Hacettep University, Medical School, Turkey, ESBL E. coli in Jordan. 1 month elective research rotation, Hashemite University, Jordan, 2018.

Committee head and members:

- 1- Department of Basic Medical Sciences representative, Faculty of Medicine, Hashemite University, Jordan, 2014 – 2016
- 2- Faculty of Medicine council, member, Hashemite University, Jordan, 2014 – 2016
- 3- Faculty of Medicine committee for scientific research, member, Hashemite University, Jordan, 2014 –
- 4- Faculty of Medicine committee for students affairs, head, Hashemite University, Jordan, 2015–2016
- 5- Faculty of Medicine committee for teaching resources, head, Hashemite University, Jordan, 2015–2016
- 6- Faculty of Medicine representative at the higher University council, Hashemite University, Jordan, 2016–2017
- 7- Faculty of Medicine committee for strategic planning, head, Hashemite University, Jordan, 2016 –
- 8- Faculty of Medicine committee for international students course assessment, head, Hashemite University, Jordan, 2016 –
- 9- Blood transfusion national committee, National Blood Bank and Ministry of Health, Jordan, 2016–

Community services:

1. Organization of free public lectures, awareness sessions, and workshops
2. Organization of multiple blood donations events for Thalassemia and Cancer patients
3. Organization of multiple open medical days for students and public

Research projects:

- 1- Research thesis submitted for the fulfilment of master of biomedical sciences, Immunology, Monash University, title “platelet receptor shedding”, Monash University, Australia, 2007-2008
- 2- Research thesis submitted for the fulfilment of PhD degree, title “transition of platelet receptor shedding, platelet specific collagen receptor GPVI”, Monash University, Australia, 2008-2011
- 3- Optimization and validation of a novel forward and reverse blood grouping assay using porous substrates, Monash University, Australia, 2011-2012
- 4- Novel antimicrobial extracts for treatment of multi-drug resistant microorganisms, Hashemite University, Jordan, 2012-2014
- 5- In vivo effect of anti-hypertensive and anti-platelets drugs on immunomodulation of Balb /c mice 2014-2016
- 6- Molecular assays for distinguishing species of Entamoeba, 2014-2017.

- 7- Incidence, characterization and novel treatments of multi-drug resistance *Staphylococcus aureus* infection, 2015-2017
- 8- Frequency and association of single nucleotide polymorphisms (SNPs) with prostate cancer in Jordan, 2015-2018
- 9- Prevalence and molecular characterization of *Acinetobacter baumannii* in Jordan, 2015-2017
- 10- Novel combination treatment for Extended spectrum beta-lactamases E. coli, 2018-
- 11- Platelets and coagulation interaction with *Staphylococcus aureus* and its role in antibiotics efficacy, 2018-

Training and workshops:

- 1- Basic and advanced cardio-pulmonary resuscitation (CPR) training and accreditation, Islamic Hospital, Jordan, King Hussein Cancer Centre, Jordan, 2007, 2011, 2013, 215
- 2- Animal ethics training and accreditation, Monash University, Australia, 2007
- 3- Occupational health and safety training (OSH), Monash University, 2007, 2008, 2011
- 4- Objective structured clinical examination (OSCE) training and accreditation workshop, Department of General Practice, Faculty of Medicine, Nursing and Health Sciences, Monash University, 2007, 2008, 2009, 2010, 2011
- 5- Basic and advanced scientific writing skills, Monash Graduate School, Monash University, 2010
- 6- Teaching skills workshop, Department of General Practice, Faculty of Medicine, Nursing and Health Sciences, Monash University, 2009
- 7- Australian Society for Thrombosis and Haemostasis workshop, Adelaide, Australia, 2009
- 8- Statistical analysis workshop (basic and advance), Monash University, Australia, 2010
- 9- Haematology clinical trial workshop, Alfred Hospital, Australia, 2010
- 10- Postgraduate supervisor training and accreditation, level 1, Monash University, 2011
- 11- Early research career workshops: intellectual property, presenting your research, and maximizing productivity in research, Monash University, 2011
- 12- DelPHE partnership workshop, Faculty of Medical and Health Sciences, Norwich Medical School, University of east Anglia, Amman, Jordan, 2013
- 13- Excellence in higher education workshop, Centre of Academic Quality Assurance, Hashemite University, Zarqa, Jordan, 2013
- 14- Genecology and Obstetrics course, Prince Hamzah Central Hospital, Amman, Jordan, 2013

Continuous Medical Education:

1. CME, 1 week (equivalent to 34 credit hours), Bangkok, Thailand, 1-6 to 8-6-2013
2. CME, 2 weeks (equivalent to 80 credit hours), Washington DC, USA, 23-2 to 7-3-2014
3. CME, 1 week (equivalent to 34 credit hours), Garmisch, Germany, 1-8 to 7-8-2014
4. CME 1 week (equivalent to 34 credit hours), Washington DC, USA, 1-8 to 10-8-2015

Professional organizations:

- 1- Jordan Medical association membership, Amman, P.O.Box 941070, Tel +962 5 5665620, Jordan, 2004-
- 2- General practitioner practice licence (Licences no 13529), Ministry of health, Jabal Alhusein, Amman, P.O.Box 86, Tel +962 5 5685406, Jordan, 2004-
- 3- The Australasian Society of Thrombosis and Haemostasis membership, ASTH Secretariat, Glen Iris, P.O.Box 217, Tel +613 9388 9876, VIC 3146, Australia, 2008-2013
- 4- The Asian-Pacific Society on Thrombosis and Haemostasis membership, APSTH, 2010-2013
- 5- The Australian academy of science membership, Ian Potter House, Gordon Street, Canberra ACT 2601, Tel +61 2 6201 9400, Australia, 2010-
- 6- In process of finalizing medical registration with the Australian Medical Council, 2012-

Achievements and awards:

- 1- Certificates of acknowledgment for best achievement (ranked 3rd among 200 graduates), Faculty of Medicine, Aden University, Yemen, 2004
- 2- Prestigious scholarship for postgraduate study, Faculty of Medicine, Hashemite University, Jordan, 2007-2011
- 3- Departmental scholarship, Department of Immunology, Faculty of Medicine, Nursing and Health Sciences, Monash University, Australia, 2008-2011
- 4- Nairn Medal Award for the best achievement, Department of Immunology, Monash University, 2008
- 5- Postgraduate research travel grant award (international conference), Monash University, 2009

- 6- The Australian Society of Thrombosis and Haemostasis Scientific Medal award, ASTH annual meeting, Adelaide, Australia, 2009
- 7- Young Investigator award, The Asian-Pacific Society on Thrombosis and Haemostasis, APSTH-JSTH symposium, Kagoshima, Japan, 2010
- 8- Postgraduate symposium 4th prize, Melbourne, Australia, 2010
- 9- Published profile for distinguished achievement, Monash postgraduate guide 2010, and early career research newsletter, 2010
- 10- Postgraduate publication award, research graduate school, Monash University, 2011
- 11- Conference attendance and presentation award, Regional Conference to Promote Safe and Secure Science in the Middle East, South and Southeast Asia, The US National Academy of Sciences, in collaboration with the Academy of Sciences Malaysia. 2018

Research Funds:

- 1- Novel antimicrobial extracts from Jordanian Soils, Hashemite University, Jordan, fund 46,000 JOD, 2012-2017.
- 2- Molecular assays for distinguishing species of Entamoeba, Hashemite University, fund 10,000 JOD, 2014-2017.
- 3- In vivo effect of anti-hypertensive and anti-platelets drugs on immunomodulation of Balb /c mice, Hashemite University, fund 6,000 JOD, 2014-2016.
- 4- Incidence, characterization and novel treatments of multi-drug resistance *Staphylococcus aureus* infection at Prince Hamzah Hospital in Jordan, Hashemite University, Jordan, Fund 4,600 JOD, 2015-2017, Principal Investigator.
- 5- Frequency and association of single nucleotide polymorphisms (SNPs) with prostate cancer in Jordan, Hashemite University, Jordan, Fund 6400 JOD, Principal Investigator.
- 6- Training for Medical Education via innovative eTechnology- MediTec, Erasmus+, international Fund (Europe) 70,000 JOD, 2017-2020, Principal Investigator.
- 7- Novel combination treatment for extended spectrum beta-lactamases E. coli, 2018-2020, Hashemite University, Jordan, Fund 3900 JOD, Principal Investigator.
- 8- Platelets and coagulation interaction with Staphylococcus aureus and its role in antibiotics efficacy, Hashemite University, Jordan, Fund 3,700 JOD, 2018-2020, Principal Investigator.

Local, national and international presentations:

- 1- Department of Immunology weekly scientific presentation, Australian Centre for Blood Diseases weekly scientific presentation, every 6 months, Melbourne, Australia, 2007-2011
- 2- Haematology scientific breakfast oral presentation, Alfred Hospital, Melbourne, Australia, 2009
- 3- International Society on Thrombosis and Haemostasis congress, oral presentation, Boston, USA, 2009
- 4- The Australasian Society of Thrombosis and Haemostasis presidential session, oral presentation, ASTH annual meeting, Adelaide, Australia, 2009
- 5- The Asian-Pacific Society on Thrombosis and Hemostasis, oral presentation, APSTH-JSTH meeting, Kagoshima, Japan, 2010
- 6- Early career researcher retreat, oral presentation, Melbourne, Australia 2010
- 7- Postgraduate symposium, oral presentation, AMREP, Melbourne, Australia, 2010
- 8- International conference of Prince Hamzah Hospital, oral presentation, Jordan, 2017
- 9- Annual Conference on Antimicrobials and Drug Resistance, oral presentation, Canada, 2017.
- 10- Regional Conference to Promote Safe and Secure Science in the Middle East, South and Southeast Asia, oral presentation. Kula lambur, Malaysia, 2018.

Invited speaks:

- 1- Basic and clinical research, Research writing skills, IFMSA research workshop, Arab Medical Centre, Amman, Jordan 2013, 2014, 2015
- 2- Medical research, Jordan Medical Association, Amman, Jordan, 2014
- 3- Antimicrobial resistance, Speciality Hospital, Amman, Jordan, 2014
- 4- Medical research, Shoman centre, Jordan University, 2017

Peer reviewed Journal publications:

- 1- Gardiner EE, **Al-Tamimi M**, Mu FT, Karunakaran D, Thom JY, Moroi M, Andrews RK, Berndt MC, Baker RI. Compromised ITAM-based platelet receptor function in a patient with immune thrombocytopenic purpura. *J ThrombHaemost.* 2008; 6:1175-82. (IF 6.2)

- 2- **Al-Tamimi M**, MuFT, Arthur JF, Shen Y, Moroi M, Berndt MC, Andrews RK, Gardiner EE. Anti-glycoprotein VI monoclonal antibodies directly aggregate platelets independently of FcγRIIIa and induce GPVI ectodomain shedding. *Platelets*. 2009; 20:75-82. (IF 2.2)
- 3- **Al-Tamimi M**, MuFT, Moroi M, Gardiner EE, Berndt MC, Andrews RK. Measuring soluble platelet glycoprotein VI in human plasma by ELISA. *Platelets*. 2009; 20:143-9. (IF 2.2)
- 4- Gardiner EE, Thom JY, **Al-Tamimi M**, Hughes A, Berndt MC, Andrews RK, Baker RI. Restored platelet function after romiplostim treatment in a patient with immune thrombocytopenic purpura. *Br J Haematol*. 2010; 149:625-8. (IF 4.5)
- 5- **Al-Tamimi M**, Gardiner EE, Thom JY, Shen Y, Cooper MN, Hankey GJ, Berndt MC, Baker RI, Andrews RK. Soluble glycoprotein VI is raised in the plasma of patients with acute ischemic stroke. *Stroke*. 2010; 42:498-500. (IF 7.04)
- 6- **Al-Tamimi M**, Grigoriadis G, Tran H, Berndt MC, Gardiner EE, Andrews RK. Coagulation-induced shedding of platelet glycoprotein VI mediated by Factor Xa. *Blood*. 2011; 117:3912-20. (IF 10.55)
- 7- **Al-Tamimi M**, Arthur JF, Gardiner EE, Andrews RK. Focusing on plasma GPVI. *Thromb Haemost*. 2012;25:107. (IF 4.7)
- 8- **Al-Tamimi M**, Shen W, Tran H, Zeineddine R, Garnier G. Validation of paper-based assay for rapid blood typing. *Anal Chem*. 2012; 84:1661-8. (IF 5.87)
- 9- Forestier M, **Al-Tamimi M**, Gardiner EE, Hermann C, Meyer SC, Beer JH. Diesel Exhaust Particles Impair Platelet Response to Collagen and are Associated with GPIIb/IIIa Shedding. *Toxicology in-vitro*. 2012; 2:930-8. (IF 2.2)
- 10- **Al-Tamimi M**, Tan CW, Pennings GJ, Javadzadegan A, Yong A, Qiao J, Arthur JF, Davis AK, Jing J, Mu FT, Hamilton JR, Jackson SP, Ludwig A, Berndt MC, Ward CM, Kritharides L, Andrews RK, and Gardiner EE. Pathological shear triggers shedding of vascular receptors: a novel mechanism for downregulation of platelet glycoprotein (GP)VI in stenosed coronary vessels. *Blood*. 2012; 119:4311-20. (IF 10.7)
- 11- **Al-Tamimi M**, Li M, Tian J, Shen W. Paper-based blood typing device that reports patient's blood type "in writing". *Angew Chem Int Ed Engl*. 2012; 51:5497-501. (IF 12.7)
- 12- Su J, **Al-Tamimi M**, Garnier G. Engineering paper as a substrate for blood typing biodiagnostics. *Cellulose*. 2012; 19:1749-1758. (IF 2.2)
- 13- Pennings GJ, Yong AS, Wong C, **Al-Tamimi M**, Gardiner EE, Andrews RK, Kritharides L. Circulating levels of soluble EMMPRIN (CD147) correlate with levels of soluble glycoprotein VI in human plasma. *Platelets*. 2014; 25:639-642. (IF 2.2)
- 14- Qiao J, **Al-Tamimi M**, Baker RI, Andrews RK, Gardiner EE. The platelet Fc receptor, FcγRIIIa. *Immunol Rev*. 2015;268:241-52. (IF 9.6)
- 15- Trevillyan JM, Gardiner EE, Andrews RK, Maisa A, Hearps AC, **Al-Tamimi M**, Crowe SM, Hoy JF. Decreased levels of platelet-derived soluble glycoprotein VI detected prior to the first diagnosis of coronary artery disease in HIV-positive individuals. *Platelets*. 2017;28:301-304. (IF 2.2)
- 16- **Al-Tamimi M**, Himsawi N, Abu-Raideh J, Abu jazar D, Al-jawaldeh H, Al Haj Mahmoud S, Hijjawi N, Hawamdeh H. Nasal colonization by methicillin-sensitive and methicillin-resistant *Staphylococcus aureus* among medical students. *J Infect Dev Ctries*. 2018;12:326-335.(IF 1.3)
- 17- **Al-Tamimi M**, Himsawi N, Abu-Raideh J, Abu jazar D, Al-jawaldeh H. Isolation of fully Vancomycin-resistant *Streptococcus thoraltensis* from nasal cavity of a healthy young adult. *Microb Drug Resist*. 2018. doi: 10.1089/mdr.2018.0092. [Epub ahead of print]. (IF 2.3)
- 18- Nawal S. Hijjawi, Moutaz J. Al-Khreisat, Omar M. Abuyaman, Ali M. Abdelfattah, Eman M. Rababah, **Mohammad A.- W. Al-Tamimi**, Mahmoud A. Al-Hiari, and AbdelRahman M. Zueter. Seroprevalence of *Toxoplasma gondii* in Cancer Patients Admitted to Hospitals of the Royal Medical Services in Jordan. *Jordan Journal of Biological Sciences*. 2018. 11 (5), 537 – 540.
- 19- Al-Himsawi N, Hijjawi N, Al-radaideh A, **Al-Tamimi M**. Seroprevalance of hydatid disease in Jordan using indirect hemagglutination test. *Parasite epidemiology and control*. 2019. <https://doi.org/10.1016/j.parepi.2019.e00104>.
- 20- **Al-Tamimi M**, Abu-Raideh J, Himsawi N, Khasawneh A, Hawamdeh H. Molecular screening of methicillin and vancomycin resistance genes in coagulase-negative *Staphylococci* isolated from the nostrils of hospitalized patients. *J Infect Dev Ctries*. Accepted. 2019.
- 21- **Al-Tamimi M**, Himsawi N, Abu-Raideh J, Khasawneh A, Abu jazar D, Al-jawaldeh H, Hawamdeh H. Phenotypic and molecular screening of methicillin- and vancomycin-resistant *Staphylococcus aureus* from the nostrils of hospitalized patients. *Iranian Journal of Microbiology*. Submitted. 2019.

- 22- **Al-Tamimi M**, Abu-Raideh J, Albalawi H, Shalabi M, Saleh S. Effective oral combination treatment for Extended-Spectrum Beta-Lactamase producing Escherichia coli. *Microb Drug Resist.* Accepted. 2019.
- 23- Khasawneh A, Himsawi N, Abu-Raideh J, Salameh M, **Al-Tamimi M**, Al Haj Mahmoud S. Comparative study of biofilm forming genes among methicillin-sensitive and methicillin-resistant Staphylococcus aureus isolated from nasal samples. *J Infect Dev Ctries.* Submitted. 2019.

Conference proceedings and publications:

- 1- Smith K, Peter K, **Al-Tamimi M**, Ahrens I, Andrews RK, Gardiner EE. Increased soluble platelet GPVI in patients with acute coronary syndrome, CSANZ, Sydney, Australia, 2009
- 2- **Al-Tamimi M**, Tran H, Grigoriadis G, Salem H, Baker RI, Berndt MC, Gardiner EE, Andrews RK. Soluble glycoprotein VI (GPVI) in human plasma: shedding of GPVI from platelets induced by coagulation. ASTH annual meeting, Adelaide, Australia, 2009
- 3- **Al-Tamimi M**, Hamilton JR, Jackson SP, Ludwig A, Baker RI, Berndt MC, Andrews RK, Gardiner EE. Pathological shear rates increase levels of platelets receptor shedding, ISTH, Boston, USA, 2009
- 4- **Al-Tamimi M**, Tran H, Grigoriadis G, Salem H, Baker RI, Berndt MC, Andrews RK, Gardiner EE. Elevated sGPVI in patients with Heparin-induced thrombocytopenia, APSTH-JSTH annual meeting, Kagoshima, Japan, 2010
- 5- Gardiner EE, Qiao J, Tan CW, Arthur JF, **Al-Tamimi M**, Ludwig A, Ward CM, and Andrews RK. Pathological shear regulates ADAM10 activity on circulating platelets. ASH annual meeting, San Diego, USA, 2011
- 6- Berndt MC, **Al-Tamimi M**, Tran H, Grigoriadis G, Salem, H. Malan E, Baker RI, Andrews RK, Gardiner EE. Heparin-induced thrombocytopenia (HIT): evaluation of soluble platelet glycoprotein VI as a biomarker for HIT. *British Journal of Haematology.* 2011, 153, 1-
- 7- **Al-Tamimi M**. Incidence of Methicillin-resistant Staphylococcus aureus nasal carriers among medical students and patients at Prince Hamza Hospital in Jordan. Amman, Jordan, 2017.
- 8- **Al-Tamimi M**, Hijamwi K, Harvey HL. Incidence and characterization of multi-drug resistance Acinetobacter baumannii. Toronto, Canada, *J Drug Metab Toxicol.* DOI: 10.4172/2157-7609-C1-009. 2017.
- 9- **Al-Tamimi M**. Multi-drug resistant bacterial infection in Jordan current state and future directions. Kula lambur, Malaysia, 2018.

Thesis publication:

1. **Al-Tamimi M**. Transition of platelet receptor shedding platelet-specific collagen receptor GPVI. Monash University Research Repository, PhD Thesis, Australia, 2011

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- 1- Gardiner EE, **Al-Tamimi M**, Andrews RK, Berndt MC. Perspective: Platelet receptor shedding. In: Platelets and Megakaryocytes, Vol. 2. Perspectives and Techniques; JM Gibbins, MP Mahaut-Smith (eds), UK: Humana Press Inc. *Methods in Molecular Biology.* 2012;788:321-39

Patents and commercialization:

- 1- **Al-Tamimi M**, Li M, Tian J, Shen W. Paper-based blood grouping device reporting results in written text. Australian Patent number 2011905163, file reference 1011-072-01

Peer review:

Peer reviewer for the Eastern Medical Journal, Neurological Research, Thrombosis research, Jordanian Medical Journal, Platelets journal, and Journal of Thrombosis and haemostasis (average 2 annual reviews for each Journal).

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