

CURRICULUM VITAE

Dr. Kamal Abdel-Hamid Alhadidi

Professor of Toxicology (Clinical & Forensic)
Department of Pathology, Microbiology and Forensic Medicine
Faculty of Medicine -The University of Jordan
Amman11942-Jordan
Mobile: +962 777 424657
E-mail: khadidi@ju.edu.Jo

PERSONAL INFORMATION

Date of Birth	1957
Place of Birth	Amman – Jordan
Nationality	Jordanian
Work	Department of Pathology, Microbiology and Forensic Medicine, Faculty of Medicine-The University of Jordan
Telephone	+ 962-6-535-5000, Ext.: 23490
Fax	+ 962-6-533-7129

ADMINISTRATIVE POST

Dean 2015- Present

Faculty of Graduate studies, the University of Jordan.

Vice-Dean 2012-2014

Deanship of Academic Research, the University of Jordan.

Vice-Dean 2010

For Research and Development, Faculty of Medicine, the University
of Jordan.

Chairman 2007-2011

Department of Pathology, Microbiology and Forensic Medicine -
Faculty of Medicine, the University of Jordan.

ACADEMIC & PROFESSIONAL POST

1. January 2005-Present time

Professor

2. November 1999-December 2004

Associate Professor

3. January 1992-November 1999

Assistant Professor (Toxicology) Forensic Medicine and Toxicology Section, Faculty of Medicine, the University of Jordan, Amman-Jordan.

4. September 2009- Present

Supervisor-Toxicology laboratory & Clinical chromatography, Department of Clinical Laboratory- Jordan University Hospital.

5. June 2006-present

Coordinator-National Poison Information Center-Jordan University Hospital -The University of Jordan.

PERSONAL ACHIEVEMENTS

- ❖ Founder & Chairman " **The Asian Anti-Doping Foundation**". A total of 4 Million USD investment to promote Anti-doping activity in Asia Continent **2012**.
- ❖ Founder "**National Drug & Poison Information Center**" at: Jordan University Hospital -The University of Jordan **2004**.
- ❖ Founder "**Toxicology laboratory**" at: Jordan University Hospital -The University of Jordan **1997**.
- ❖ Co-Founder "**Master Program in Analytical Toxicology**" Faculty of Medicine-The University of Jordan **1996**.

AREAS OF SPECIAL INTEREST

Forensic toxicology of Drugs of abuse; Doping in sport (Toxicology and Ethics); Clinical and forensic aspects of chemical warfare agents; Method development in toxicological analysis.

TEACHING ACTIVITIES

- ❖ Toxicology for Medical student: Forensic medicine and toxicology course.
- ❖ Toxicology course for Pharmacy student.
- ❖ Toxicology course for Medical Technology student.

- ❖ Toxicology course for Paramedic (Prince Hussein Academy for Civil Protection).
- ❖ Toxicology for Law student in Forensic Medicine and Science course.
- ❖ Postgraduate courses in Analytical Toxicology M. Sc.: Forensic Toxicology, Methods Development in Toxicology, Interpretation in Toxicology and Analytical Toxicology.
- ❖ Toxicology seminars for residents in: Forensic medicine, family medicine, and emergency medicine.

ACADEMIC ACHIEVEMENT

PhD-1991

Toxicology – Department of Forensic Medicine and Science, The University of Glasgow, Scotland–United Kingdom.

Postgraduate training-1987-8

Diploma in Forensic Medicine and Postgraduate Training in Analytical Forensic Toxicology, Department of Forensic Medicine and Science, the University of Glasgow, Scotland–United Kingdom.

BSc-1981

Chemistry-University of Basra, Iraq.

SELECTED COMMITTEES, WORKSHOPS, & MEETINGS

Member-Research Council

Deanship of Academic Research-October2012-September2015

WHO Regional workshop 1-3 April 2014

Capacity building in response to mass chemical accidents

Member-National Drug Committee (Toxins and Antivenom Commission)

Jordan Food & Drug Administration July 21011-Present

Member- Jordan Swedish Medical Association

October2005-present

Chairman and Member- Scientific Research

For several terms including September2014-Present

Clinical Investigation Training Program (CITP III)

Jordan Food & Drug Administration, Amman April 30-2011

Member-Medical students' level determination

September2007-september2011

Chairman and Member- Laboratories and Instrumentation Committee

For several terms since 1992

Representative

The Faculty at the University Jordan Council 2007

Member

Examination; board of Forensic medicine at Jordan Medical Council- several terms since 1996

**Member- Civil Defense Committee (Pesticides Manual)
January 2011**

REVIEWER

For several journals in the field of toxicology 1992-present time

BOOKS

Translation a book (Doping Nemesis)-2014

PUBLICATIONS

1. Abdallah Faisal Khasawneh^{a*}, **Kamal Al-Hadidi^a**, Talal Ahmad Aburjai^b & Fatimah Noory Obeidat^c. Acute and subacute (20-d) oral dose toxicity study of modified fluoroquinolone compound 6C in BALB/c mice. **Toxin Reviews 2015; 34(3):129-135.**
2. Samar Jamal Melhem, Khaled Mohammad Aiedeh, **Kamal Al-Hadidi**. Effects of a 10-day course of a high dose calciferol versus a single mega dose of ergocalciferol in correcting vitamin D deficiency. **Ann Saudi Med 2015; 35(1): 13-18.**
3. Emad M. Abdullat, Nathir M Obeidat Madi T Al-Jaghbir .Yusuf M Al-Hiari **Kamal Al- Hadidi** Establishing the Cholinesterase Levels in Jordan: an investigation and monitoring model for pesticides outbreak. **Jordan Medical Journal 2015; 49(3):129-138.**
4. Mayyada Wazaify, Ahmad Bdair, **Kamal Al-Hadidi** and Jenny Scott. Doping in Gymnasiums in Amman: The other side of Prescription and Nonprescription Drug Abuse. **Substance Use & Misuse.2014; 49(10):1296-1302.**
5. Shrouq Mahameed **and Kamal Hadidi**. Determine A Glycerol Cutoff Value Among Jordanian Athletes And The Effect Of Use Hubbly Bubbly On Urinary Glycerol

- Threshold From Anti Doping Perspective. **SMU Medical Journal.2014; 1(2):172-182.**
6. Samar J. Melhem, Khaled M. A. Aiedeh, **Kamal A. Hadidi**, Feras Alali. The Determination of 25-OH-vitamin (D2/D3) in human serum by liquid chromatography tandem-mass spectrometry with comparison to IDS Enzyme immunoassay. **Jordan Journal of Pharmaceutical Sciences.2013; 6(2):203-222.**
 7. A. H. Battah, M. S. Al-Hadidi, E. M. Abdullat, **K A. Hadidi**. Alcohol and Psychoactive Drugs in Road Traffic Fatalities within Northern District of Amman. **Jordan Medical Journal 2013; 47(1):66-72.**
 8. Abdelkader Batah; **kamal Al-Hadidi** Talal Aburjai. Effects of Herbs Spices and Food stuff on Urine Screen for Drugs of Abuse by Immunoassay. **Jordan Journal of Pharmaceutical Sciences 2012; 5(3):252-257.**
 9. Mohamed Al-Essa; Nareman Abu-Baker; Karem Al-Zoubi; Moh"D Borhan Al-Zghoul; Shereen Khalouf; Abdel-Rahman Al-Saleh; Bilal Al Omari; Reem Abu-Tayeh; Maha Shomaf; Abdelkader Batah; **kamal Al-Hadidi**; Zuhair Bani Ismail. Evaluation of subacute toxic effects of isotonic D-ribose solution administered intravenously to Fischer rats. **Jordan Journal of Pharmaceutical Sciences 2012; 5(2):111-117.**
 10. Ghada Salameh, **Kamal A. Hadidi**. Mohammad EL-Khateeb. Genetic polymorphisms of the CYP3A4, CYP3A5, CYP3A7 and CYP1A2 among the Jordanian population. **Environmental Toxicology and Pharmacology 2012; 34(1):23-33.**
 11. Z Bani Ismail, N Abu-Baker, K Al-Zoubi, M Zghoul, M K Al-Essa; S Khlouf; A Al-Saleh, B Al Omar, R Abu-Tayeh, M Shomaf, A Batah, **K Al Hadidi**. Evaluation of α -D-ribofuranose (D-ribose) toxicity after intravenous administration to rabbits. **Human and Experimental Toxicology 2012; 31(8): 820-829.**
 12. Nathir M.Obeidat, Reem F. Abutayeh, **Kamal A. Hadidi**. Poisoning in Jordan: analysis of three years data from Jordan National drug and poison information center Prospective. **Jordan Medical Journal 2010; 44(3):298-304.**

13. Enas Al-Qadi, Addelkader Battah, Kamal Hadidi. Development of high-PERFORMANCE liquid Chromatographic Method for Vitamin D3 Analysis in Pharmaceutical Preparation. **Jordan Journal of Pharmaceutical Sciences 2010; 3(2): 78-86.**
14. Imad M. Abdallat, Mu'men S. Hadidi, Nadia Rashid, **Kamal A. Hadidi**. Outbreak of methanol fatalities in Jordan. **Journal of Bahrain Medical society 2009; 21(3):283-286.**
15. Mu'men Hadidi, Mudhaffar I. Ibrahim, Imad Abdallat, **Hadidi KA**. Current Trends in Drug Abuse Associated Fatalities -Jordan 2000 - 2004. **Forensic Science International 2009; 186(1-3):44-47.**
16. Rula M. Darwish, T. Aburjai, S. Al-Khalil, **K. Hadidi**. The effect of COX1 and COX2 inhibitors on the Antibacterial Activity Selected Antibiotics against Standard Methicillin- Resistant Staphylococcus aureus. **Jordan Journal of Pharmaceutical Sciences 2009; 2(1): 76-85.**
17. Rana Afifi, Waleed A. Rahahleh, **Kamal A Hadidi**. Caffeine content in Turkish coffee: a question of concern in sport community. **Dirasat 2008; 35:730-738.**
18. I.M. Abdullat, A.H. Battah, **Hadidi KA**. The use of serial measurement of plasma cholinesterase in the management of acute poisoning with organophosphates and carbamates **Forensic Science International.2006; 162(1-3):126-30.**
19. Emad M. Abdullat, Mu'men S. Hadidi, Nazir Alhadidi, Thair Suleiman AL Nsour, **Hadidi KA**. Agricultural and horticultural pesticides fatal poisoning;The Jordanian experience 1999-2002". **Journal of Clinical Forensic Medicine: 2006; (13):304-307.**
20. **Hadidi KA**. Development of a screening method for the most commonly abused anticholinergic drugs in Jordan; trihexyphenidyl, procyclidine and biperiden. **Legal Medicine 2004; 6(4): 233-241**

21. **Hadidi KA**, Mohammed F. Nicotine Content in Tobacco Used In Hubble-Bubble Smoking. **Saudi Medical Journal 2004; 25(7):912-917.**
22. Ootom S, **Hadidi KA**, Yacoub Irshaid, Abdel-Kader Battah, Hakam F. Hadidi. The effect of famotidine and diclofenac on theophylline pharmacokinetics in the rabbit. **Asian Journal of Chemistry 2004; 16(3):1403-1409.**
23. **Hadidi KA**, Almassad JK, Al-Nsour T, Abu-Ragheib S. Determination of tramadol in hair using solid phase extraction and GC-MS. **Forensic Science International 2003; 134:129-136.**
24. **Hadidi KA**, Aburjai T, Battah AK. A comparative study of ferula hermonis root extracts and sildenafil on copulatory behavior of male rats. **Fitoterapia. 2003; 74(3):242-6.**
25. **Hadidi KA**, Battah AH. The role of a newly established toxicology laboratory in the management of acute poisoning in a teaching Hospital. **Dirasat(Medical and Biological Sciences) 2003;30(1):13-29.**
26. Al-Nsour TS, **Hadidi KA**. Investigating the presence of a common drug of abuse (benzhexol) in hair; the Jordanian experience. **Journal of Clinical Forensic Medicine 2002; 9: 119-125.**
27. Shafaquj Y, Mohammed F, **Hadidi KA**. Hubble-Bubble (water pipe) smoking: levels of nicotine and cotinine in plasma, saliva and urine. **International Journal of Clinical Pharmacology and Therapeutics 2002; 40(6):249-255.**
28. **Hadidi KA**, Hijazi R. Patterns of adults poisoning in emergency room at Jordan university hospital. **Jordan Medical Journal 2002; 36(1):15-21.**
29. Binsumait IA, **Hadidi KA**, Abu-Alragheb S. Stability of fluoxetine in stored plasma, aqueous and methanolic solutions determined by HPLC with UV detection. **Pharmazie 2001; 56 (4): 311-313.**
30. Abu-Aragheb S, **Hadidi KA**. Fatal Poisoning with Alcohol and Drugs in Greater Amman County. **Forensic Science International 1999; 99(3): 205-215.**

31. Abdel Rahman H, **Hadidi KA**, Battah A. Reliability of clinical Decisions Regarding Alcohol Influence. **Journal of Clinical Forensic Medicine 1999(6): 141-144.**
32. **Hadidi KA**, Battah A, Hinnawi S. Alcohol in medicolegal cases seen at Jordan University Hospital. **Medicine Science and Law 1998; 38(1): 70-73.**
33. Battah A, **Hadidi KA**. Stability of Trihexyphenidyl in stored blood and urine specimens. **International Journal of Legal Medicine 1998; 111(3): 111-114.**
34. **Hadidi KA**, Battah A. Stability of seven drugs of forensic toxicology interest stored in aqueous solution. **Acta Technologiae et Legis Medicamenti 1998;9(1):9-20.**
35. **Hadidi KA**, Oliver JS. Stability of morphine and buprenorphine in whole blood. **International Journal of Legal Medicine 1998; 111(3):165-167.**
36. **Hadidi KA**. Solid phase extraction of benzhexol from blood and urine. **Science & Justice 1997; 37(4):265-268.**
37. Battah A, **Hadidi KA**, Abu-Aragheb S. Body fluid levels of Fentanyl, Pethidine and Midazolam following self administration. **Dirasat 1997; 24(2): 214-218.**
38. **Hadidi KA**, Oliver JS. Stability of Temazepam in blood. **Science & Justice 1995; 35 (2):105-108.**
39. **Hadidi KA**, Oliver JS. Stability of some drugs of forensic interest in whole blood stored at different conditions. **Published at the proceeding of the 27th International Association of Forensic Toxicologists Meeting 19-23 October 1990, Perth- Australia.**

SUPERVISOR, CO-SUPERVISOR, EXAMINER OF M.Sc & PhD STUDENTS

1. **Supervisor**, "*Determine the influence of Licorice on urinary cortisol level and the possibility to be used as a prohibited substance in sport*". **MSc thesis in Analytical Toxicology 2015**
2. **Co-Supervisor**, "*Determination of alcohol level in selected beverages and its effect on alcohol breathe determination*." **MSc thesis in Analytical Toxicology 2015**
3. **Co-Supervisor**. "*Determination of alcohol level in selected beverages and its effect on alcohol breathe determination*." **MSc thesis in Analytical Toxicology 2015**
4. **Supervisor**, "*Iodine status in Jordanian women at their reproductive age, pilot study at two medical centers*". **MSc thesis in Analytical Toxicology 2014**
5. **Examiner**, "*Application of Cystatin C as a biomarker for glomerular filtration rate in a group of patients with lung, head and neck cancer, receiving cisplatin chemotherapy in King Hussein Cancer Center in Jordan*". **MSc thesis in Analytical Toxicology 2014**
6. **Supervisor**, "*Determination of glycerol cut off value among Jordanian athletes and the effect of use hubbly bubbly on urinary glycerol threshold from anti-doping perspective*". **MSc thesis in Analytical Toxicology 2014**
7. **Supervisor**, "*Determination of median lethal dose (LD50), ED50 and therapeutic index and others for compounds acting on Helicobacter Pylori*". **MSc thesis in Analytical Toxicology 2013**
8. **Supervisor**, "*Development of a quantitative method for the most commonly used anti-diabetic drugs in Jordan in blood samples using triple quadruple mass spectrometer coupled with liquid chromatography*". **MSc thesis in Analytical Toxicology 2012**
9. **Supervisor**, "*Toxicological effect of ester-carbonate copolymer on human dermal fibroblast and collagen production*". **MSc thesis in Analytical Toxicology 2012**

10. **Co-Supervisor**, " *The use of LC-MS/MS for the determination of vitamin D status of subjects with vitamin D deficiency at Jordan university hospital with comparison to IDS-ELA*" **M.Sc in clinical pharmacy-the university of Jordan November 2011**
11. **Co-Supervisor**, "The effect of khat on some of physical and psychological variables and skill upon foot ball players in Yemen" Faculty of Physical Education, The University of Jordan. **Ph.D thesis in Physical Education May 2011.**
12. **Examiner**, "Screening for Sudan dyes in chilli products" **MSc thesis in Analytical Toxicology December-2011**
13. **Examiner**, "Screening of melamine in diary products" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology December-2010**
14. **Supervisor** "Determination of Propionic acid level in bread and dairy products and its possible role in vitamin B₁₂ deficiency" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology 2010**
15. **Co-Supervisor** "Aflatoxin B1 Interindividual Variation in Exposure and the Concomitant Polymorphism of certain CYP450's amongst the Jordanian Population" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology December-2010**
16. **Examiner**, "The effect of aluminum phosphide on GLUT2 GENE expression in liver cells in rats" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology.July-2009.**
17. **Examiner** "Prevalence of alcohol in autopsied medico-legal cases at the national institute of forensic medicine" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology. May-2009.**
18. **Examiner** "Analysis of pharmaceutical residues in waste water and their elimination by photo catalytic degradation" Faculty of Science, The University of Jordan. **PhD thesis in Chemistry May-2009.**
19. **Examiner** "Development and validation of a reversed-phase ESI-LC/MS/MS method for the determination of clomiphene isomers" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology December-2008.**
20. **Examiner** "Reproductive toxicity of residronate in pregnant rat" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology November-2008.**
21. **Co-Supervisor** "Development of high-performance liquid chromatography method for vitamin D3 analysis in pharmaceutical

- preparation"* Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology July-2008.**
22. **Co-Supervisor** "*Trihalomethane concentration in the ground water compared with that in surface water supplies of Amman*" Faculty of Science, The University of Jordan. **MSc thesis in water resources and environmental engineering May-2007.**
23. **Examiner** "*Determination of some heavy metal in selected medicinal plants commonly used in Jordan*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology December-2006.**
24. **Co-Supervisor** "*Status of anabolic steroids use in bodybuilding and fitness centers in Jordan and the effect of preventive educational program*" Faculty of Physical Education, The University of Jordan. **PhD thesis in Physical Education August-2006.**
25. **Examiner** "*Herbs; Sage, oregano, and parsley induced alteration of cytochrome P450 enzyme in rat's liver*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology March-2006.**
26. **Supervisor** "*Establishing the cut-off value of caffeine doping among Jordainan athletes*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology August-2004.**
27. **Examiner** "*Study of the effect of Brassica Oleracea"(Cabbage) on the pharmacokinetics of ciprofloxacin in an animal model*" Faculty of Pharmacy, The University of Jordan. **MSc thesis in Pharmaceutical Sciences July-2004.**
28. **Co-Supervisor** "*Correlation between possible toxicity of citalopram and the polymorphism of cytochrome P450 isoenzymes*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology December-2003.**
29. **Examiner** "*Determination of Some Pesticide Residues in Selected Medicinal Plants Commonly Used in Jordan*". Faculty of Pharmacy, the University of Jordan. **MSc thesis in Pharmaceutical Sciences January- 2003.**
30. **Examiner** "*Captopril, enalapril, lisinopril screening for impurities in the raw materials of Captopril, enalapril, lisinopril*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology July-2003.**
31. **Examiner** "*Effects of parsley (Petreselinum satvum hoffm) and Coriander (Coriandrum sativum l) extract on platelet aggregation and blood coagulation*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology January-2003.**

32. **Examiner** "*Correlation between lead level at scalp hair and atmosphere*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology May-2002.**
33. **Examiner** "*Profile of seized amphetamine in Jordan by GC-MS*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology August-2001.**
34. **Supervisor** "*Investigating the presence of Atrane in hair: A common drug of abuse in Jordan*". Faculty of Medicine, the University of Jordan. **MSc thesis in Analytical Toxicology May-2001.**
35. **Examiner** "*Determination of arsenic and cadmium levels in imported fish in Jordan*" Faculty of Medicine, The University of Jordan. **MSc thesis in Analytical Toxicology May-2000.**
36. **Examiner** "*Investigation of Chemical Constituents and Antimicrobial Activity in Ferula harmonis F. Root*" Faculty of Pharmacy, The University of Jordan. **MSc thesis in Pharmaceutical Sciences May-2000.**
37. **Supervisor** "*Stability of Lamotrigine and Fluoxetine in plasma*" Faculty of Medicine, The University of Jordan, Amman, Jordan. **MSc thesis in Analytical Toxicology May-2000.**
38. **Examiner** "*Comparative study of analysis of Salicylate in human plasma, serum and blood*" Faculty of Medicine, The University of Jordan, Amman, Jordan. **MSc thesis in Analytical Toxicology July-2000.**
39. **Supervisor** "*solid phase extraction and HPLC determination of Sulfonylureas in Biological Fluids.*" Faculty of Medicine, the University of Jordan. **MSc thesis in Analytical Toxicology November-1999.**
40. **Co-Supervisor** "*Isolation and Characterization of 2,4-Dichlorophenoxyacetic Acid (Herbicide) Degradation Bacteria from the Jordanian Environment*" Faculty of Science, The University of Jordan. **MSc thesis in biological Sciences June-1998.**

INTERNATIONAL EXPERT IN TOXICOLOGY & ANTI-DOPING

1. **Heath Medical and Research Committee Member**-World Anti-Doping Agency (**WADA**)- at this committee we grant 5 Millions US-Dollars each year for researches in the field of hormones doping and chromatographic method development **2009-present.**
2. **Foundation Board Member**-World Anti-Doping Agency-**WADA**- Montreal-CANADA **2006-2011**

3. **President** – West Asia Anti-Doping Organization- Amman- Jordan **2007-Present**
4. **President** - Jordan Anti-doping Organization- Jordan Olympic Committee-**2007-Present**
5. **International Consultant on Doping testing for Continental and International** events hosted by National Sport Federations, Olympic Council of Asia, International Olympic Committee **2005-present**

RESEARCH AWARDS

- ❖ Organization for the prohibition of Chemical weapon-Research Award 2004(**Netherlands**)
- ❖ The Forensic Science Society Research Award –1995 (**UK**)
- ❖ The Royal Society, JWT Jones Traveling Fellowship 1994 (**UK**)
- ❖ Third World Academy of Science Award-1993 (**Italy**)
- ❖ Visiting Researcher at Harbor View Medical center-Washington state 1990. (**U.S.A**)

SOCIETIES AFFILIATION

- ❖ Jordan Clinical & Forensic Toxicology Society
- ❖ The International Association of Forensic Sciences
- ❖ The International Association of Forensic Toxicologists (T.I.A.F.T).
- ❖ Jordanian Swedish Medical Association.
- ❖ H. member/Jordanian Society of Forensic Sciences/ Jordan Medical Council.
- ❖ The Royal Society (MRSC, Chartered)
- ❖ Jordan Sport Medicine Federation.