

CURRICULUM VITÆ

NAME: Hasan A Abder-Rahman
DATE OF BIRTH: 19/12/1955
PLACE OF BIRTH: Jerusalem - Jordan
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EDUCATION :-

1. September 1990 to July 1993: Forensic Science Unit, University of Strathclyde, Glasgow, UK.
2. July 1982 to July 1985: Department of Forensic Medicine, Pathology and Microbiology, Faculty of Medicine, The University of Jordan, Jordan.
3. October 1974 to December 1980: Faculty of Medicine, Ain Shams University, Cairo, Egypt.
4. September 1971 to June 1974: High School (Tawjehe): Average 92.7% .
5. September 1962 to June 1971: Elementary and primary School.

QUALIFICATIONS :-

1. Ph.D. (Forensic Serology in DNA analysis and Molecular Toxicology): September 1990 to July 1993: Forensic Science Unit, University of Strathclyde, Glasgow, UK, 1993.
2. JMC The qualifying examination of the Jordanian Medical Council in (Forensic Medicine and Forensic Pathology) November, 1985.
3. M.Sc. (Forensic Medicine and Forensic Pathology): Department of Forensic Medicine, Pathology and Microbiology, Faculty of Medicine, The University of Jordan, Jordan, 1985.
4. MB, BS: Faculty of Medicine, Ain Shams University, Cairo, Egypt, 1980.

POST HELD :-

1. Academic staff member at Faculty of Medicine, The University of Jordan, Amman, Jordan.
 - a. December 1999 to date: Associate Professor of Forensic Medicine, Forensic Pathology and Molecular Toxicology.
 - b. December 1993 to December 1999: Assistant Professor of Forensic Medicine, Forensic Pathology and Molecular Toxicology.
 - c. August 1988 to December 1993 Lecturer of Forensic Medicine and Forensic Pathology.
2. March 1982 to September 1988: Research and Teaching Assistant at the department of Forensic medicine, Pathology and Microbiology, Faculty of Medicine, The University of Jordan.

Activities:-

1. Active involvement in the examination and investigation of medicolegal cases of alive patients and autopsy cases.
2. Active involvement in the histopathological investigation of autopsy cases.

3. Participation in the teaching activities of the department for the undergraduate 5th medical year students.
4. Participation in the training of the department for the postgraduate students
3. September 1990: I was granted a scholarship for postgraduate studies at Forensic Science Unit, University of Strathclyde, UK
4. September 1990 to July 1993: A full-time Ph.D. student at the Forensic Sciences Unit, University of Strathclyde, UK

Activities:-

- a. Active involvement in researches related to DNA analysis of forensic interest. The researches included:
 - a. DNA extraction and purifications from biological samples of forensic interest like blood, blood stains, hair, semen and tissues
 - b. Studying the effect of different environmental contaminants on DNA Analysis especially the effect of natural phenolic compounds of forensic interest
 - c. Application of Electrophoresis, Southern blotting, Hybridization, PCR, Fluorometry and Spectrophotometry in DNA analysis
2. Participation in the weekly postgraduate meeting of the department.
3. Participation in the DNA investigation of forensic cases in the department
4. Participation in the teaching activities of the department: Postgraduate students.
- e. Attended several workshops and conferences in the field of forensic DNA fingerprinting.
- f. Undertook 8 credit hours in the classes of Protein Engineering, The Advantages and Disadvantages of using ABO, PGM and EAP Systems for Identifying Donors of Body Fluids, The polymerase Chain Reaction (PCR), DNA Analysis in Forensic context, Biological Macromolecules and Organic Chemistry of Biological Reactions.
5. July 1982 to July 1985: A full-Time Taught course M.Sc. student in the department of Forensic Medicine and Science, Pathology and Microbiology, Faculty of Medicine, The University of Jordan.

My *duties* were:-

 - a. Attended courses (Lectures, Seminars & Practical Training) in: Forensic Medicine, Forensic Pathology, Pathology, Toxicology, Physiology, Biochemistry, Anatomy, Biostatistics and Arabic language.
 2. Active involvement in the routine examination and investigation of medicolegal cases of both alive patients and autopsy cases
 3. Active involvement in the histopathological investigation of autopsy cases
 4. Participation in the weekly postgraduate meeting of the department.
 5. Submitting a thesis of the research project.
 6. Pass the final practical and comprehensive exam.
6. March 1981 to February 1982 A rotating internship at El-demerdash Hospital, Egypt and El-Bashir Hospital, Jordan.

Experience:

1. Teaching Activities:

1. Forensic Medicine for Medical student: Forensic medicine and pathology course
2. Forensic Medicine for Law student in Forensic Medicine and Science course
3. Postgraduate courses in Forensic medicine and pathology for Higher specialty programs in Forensic Medicine.
4. Courses in Forensic medicine and pathology for Higher specialty programs in Emergency Medicine.
5. Postgraduate courses in Forensic medicine and pathology for the degree of M. Sc. in Analytical Toxicology.
6. Postgraduate courses in molecular toxicology for the degree of M.Sc. in Analytical Toxicology.
7. Postgraduate courses in applied molecular toxicology for the degree of M.Sc. in Analytical Toxicology.
8. Postgraduate courses in molecular biology for of M.Sc. students in the faculty of medicine.
9. Participate in seminars held for graduate activities for forensic medicine, pathology, microbiology residency programs.

2. Committee memberships:-

3. 1993 to date: Member of Forensic Medicine Committee at Jordan Medical Council.
4. 1993 to date: Member of the examination board of the first part for Forensic medicine at Jordan Medical Council.
5. 1993 to date: Member of the examination board of the second part of Forensic medicine at Jordan Medical Council.
6. 1994 to date: Director of the training program in Forensic Medicine and Pathology, Jordan University Hospital, The University of Jordan.
7. 1994 to date: Responsible for examinations arrangement held in Forensic Medicine division.
8. 1998 to date: Member of the cornea and organ donation, The Jordan University of Jordan.
9. 2003 to date: Member of the health study and consultation committee, Faculty of Medicine, The University of Jordan.
10. 2003 to date: Member of the postgraduate committee at the department of Pathology, Microbiology and Forensic medicine, Faculty of Medicine, the University of Jordan.
11. 1999 -2000: Member of the library committee, Faculty of Medicine, The University of Jordan.
12. 2002-to date: head of the medical-committee for medicolegal cases, Jordan University Hospital.
13. 2002-to date: Vice president of the Forensic medicine acting committee nominated by the minister of health and the president of the university of Jordan, The University of Jordan together with the ministry of health.
14. 2002-to date: Vice president of the National Jordanian Forensic pathologist council, The University of Jordan together with the ministry of health.
15. 2001-2002: Member of the health study and consultation committee, Faculty of Medicine, The University of Jordan.
16. 1995-1996 Member of the Faculty Council Committee, Faculty of Medicine, The University of Jordan.

17. 1993 -1995: Member of the blood bank, Faculty of Medicine, The University of Jordan
18. 1988 -1990: Member of the library committee, Faculty of Medicine, The University of Jordan.
3. **Services activities**
 1. 2009 to date: Consultant for the Genome health Unit, center for educational development, the University of Jordan.
 2. 1993 to date: DNA typing of disputed paternity cases, the Jordan University Hospital, Faculty of Medicine, the University of Jordan.
 3. 1988 to date: Forensic Pathologist and Forensic Physician, the Jordan University Hospital, Faculty of Medicine, the University of Jordan.
 4. 1986 to date: Forensic Pathologist and Forensic Physician to the police and in the court of law in Jordan , the Jordan University Hospital.
 5. 2002 to date: Expert in the estimation of body injuries and its compensation, the court of law in Jordan.

D. PUBLICATIONS:-

I- Thesis

1. **Abder-Rahman H.** Effect of Natural phenolics of forensic interest in DNA analysis. Thesis submitted to the University of Strathclyde for the degree of Doctor of Philosophy (Ph.D), 1993.
2. **Abder-Rahman H.** A medicolegal study of corneal injuries at Jordan University Hospital. Thesis submitted to the University of Jordan for the degree of Master of Science, 1985.

II- Scientific Journals

1. **Abder-Rahman HA.** Blind finger sweep to remove foreign bodies from pharynx might provoke choking death in crying infants. *Accepted for publication.* *Jornal de Pediatria*, 2009.
2. **Abder-Rahman HA.** Aluminium Phosphide Fatalities at Mild Exertion in Asymptomatic Children: A clue to understand the variations of the Autopsy Findings. *Journal of forensic and legal medicine.* *Article in Press*, 2009.
3. Massad IM, Alhadidy AM, Elsmady MM, Abu-Abeeleh MM, Attyat BA, M Abu-Ali HM, **Abder-Rahman H**, Abu-Ghaida JH and Badran DH. *Eur J Anat*, 12 (3): 153-158, 2008.
4. **Abder-Rahman HA,** Nusair S. 8-Hydroxy-2'-Deoxyguanosine (8-OHdG) as a Short-term Predictor of Regional and Occupational Health Problems. *J UOEH.* 2007 Sep 1;29(3):247-58.
5. **Abder-Rahman H A,** Al-Hussaini M. Pitfalls in formulating the cause of death Forensic pathologist as a witness under different circumstances of death in case of inadequate investigative system. *Accepted for publication.* *Zaachia Journal*, 2007.
6. **Abder-Rahman HA,** Hymen Caring for Muslim girls: Forensic Role in Cases of Gynaecology Interventions. *Accepted for publication.* *Eastern Mediterranean Health Journal*, 2007.
7. **Abder-Rahman H,** Abdullat I. *Infant Choking Fatality by a Pencil in Tracheal Tube.* *Accepted for publication.* *Pan Arab Medical Journal*, 2007.
8. Badran DH, **Abder-Rahman HA,** Abu Ghaida J. Brachiocephalic Veins: An overlooked approach for central venous catheterization. *Clinical Anatomy.* 15: 345-350, 2002.

9. **Abder-Rahman HA**, Al-Abbadi M, Abu-Alrageb SY. Medico-legal Sudden Natural Unexpected Death In Jordanians. *Dirasat*. 27 (1):28-32, 2000.
10. **Abdel-Rahman HA**. Fatal suffocation by rubber balloons in children: mechanism and prevention. *Forensic Science International*. 108, 97-105, 2000.
11. **Abder-Rahman HA**, Battah AH, Ibraheem YM, Shomaf MS, El-Bataineh N. Aluminum Phosphide Fatalities: New Local Experience. *Journal of Medicine, Science and The Law*. 40 (2): 164-168, 2000.
12. **Abder-Rahman H**. Effect of Aluminum Phosphide On Blood Glucose Level. *Veterinary and Human Toxicology*. 41 (1):31-32, 1999.
13. **Abder-Rahman H**, Abu-Alragheb S. Killing Tools in Mechanical Asphyxia. *Legal Medicine*. 1 (1):2-5, 1999.
14. **Abder-Rahman HA**, El-Haddeedi KA, Battah AH. Reliability Of Clinical Diagnosis Regarding Alcohol Influence. *Journal of Clinical Forensic Medicine*. 6: 141-144, 1999.
15. **Abder-Rahman HA**. Mechanism of fatal suffocation by rubber balloons in children. *In press. Zacchia*. 1-2:00-00, 1999.
16. Balamurugan K, **Abder-Rahman H**, Duncan GT, Budowle B, Anderson S, Macechko J, Tahir M. Distribution of D1S80 Alleles In The Jordanian Population. *Int. J. Legal Med*. 111 (5):276-277, 1998.

III- Sent for publication

1. **Abder-Rahman HA**, Yahya A, Ismail AY, Dawood1 AH, Khalil K, Al-Sheyab F. Suggested title: CYP2D6 and CYP3A4*1B genes Polymorphism and Susceptibility to Atherosclerosis in Jordanian populations.
2. Zoughol MH. **Abder-Rahman HA**. In vivo Genotoxicity of drinking water in West Amman area- Jordan.
3. **Abder-Rahman HA**. Fatal consequences of repeated anesthesia: role of pentobarbital as a thiopental metabolite.
4. **Abder-Rahman HA**, Badran D. Congenital anomaly in a coronary blood vessel.

IV- Conferences

1. **Abder-Rahman HA**, Shereen N. 8-hydroxy-2'-deoxyguanosine (8-OHdG) as an indicator for environmental toxicity. The 2nd Jordanian medical schools and the 3rd conference for the Arab medical schools, Jordan. April 2008.
2. **Abder-Rahman, H.A.**, Hadidi K.A., Battah A.H. Reliability of clinical decision regarding alcohol influence. Presented in The national Institute of Scientific Investigation Symposium on Forensic Toxicology and The International Association of Forensic Toxicologists (TIAFT) 43rd International meeting, Seoul, Korea. Held between the 29th August to 2nd of September 2006.
3. Badran DH, **Abder-Rahman HA**, Abu Ghaida J. Brachiocephalic Veins: An overlooked approach for central venous catheterization. Faculty of Medicine Scientific Day, 2005. The University of Jordan.
4. **Abder-Rahman HA**,. Biotechnology Science: Learned lessons from the practice of forensic medicine in Arab and Islamic countries. Presented in the regional conference about stem-cell usage and ethics. Syria, 20-Oct.-2003.
5. **Abder-Rahman HA**, Zoughol MH. In vivo Genotoxicity of drinking water in West

- Amman area- Jordan. Scientific day of the faculty of Postgraduate studies, 11-5-2000.
6. **Abder-Rahman HA**, Jarou AI. Validation Studies of Random Amplified Polymorphic DNA (RAPD) in Human and the possibility of its Implementation in Forensic Casework. Scientific day of the faculty of Postgraduate studies, 11-5-2000.
 7. **Abder-Rahman HA**, Jarou AI. Random Amplified Polymorphic DNA (RAPD) Implementation in Forensic Casework and breast tumors. The second Arab conference for diabetes and endocrine and the the international clinical genetics University of Jordan, 20-10-2000.
 8. **Abder-Rahman HA**, El-Haddeedi KA, Battah AH. Reliability Of Clinical Diagnosis Regarding Alcohol Influence. *Accepted in the 37th Triennial meeting of the international association of forensic toxicology*. Cracow, Poland, October 1999.
 9. **Abder-Rahman HA**, Watson N. DNA degradation by phenolic compounds. Presented in the Satellite conference. Germany, August, 1993.

E Ongoing researches

- 1 **Abder-Rahman HA**, Bttah, AH. Social impact of postmortem alcohol production in Jordanians.
- 2 **Abder-Rahman HA**, Abu-Alragheb SY. Effect Of Trasferal Time On The Pedestrian Fatalities.
- 3 **Abder-Rahman HA**, Battah AH. Heavy Metal Residues In Body Tissues.
- 4 **Abder-Rahman HA**, Hadeedi KA. Residues Of Selected Insecticides, Fertilizers And Oxidation Products Of Chlorinated Compounds In Body Tissues.
- 5 **Abder-Rahman HA**, Shomaf MS. Effect Of Aluminum Phosphide On Aldosterone, K+ And Suprarenal Gland.
- 6 **Abder-Rahman HA**, Abu-Alragheb SY, Badran D. Correlation between the preponderance of coronaries and the site of coronary thrombosis and atherosclerosis.
- 7 **Abder-Rahman HA**, Abu-Alragheb SY. Role and Importance of Laboratory Investigation in Medicolegal Autopsy.

VI- Supervision on students projects towards M.Sc. degree

1. Dwaik N. The Effect of Aluminum Phosphide On GLUT-2 Gene Expression in the Liver of Rats. 2008.
2. Dawoud, A. Polymorphism of Cytochrome P450 Xenobiotic-Metabolizing Enzym (CYP 2D6 and 3A4*1B) and Susceptibility to Atherosclerosis. 2006.
3. Shereen N. 8-hydroxy-2'-deoxyguanosine (8-OHdG) as an indicator for environmental toxicity. 2006.
4. El-Nafati, A, S. The polymorphism in Glutathione S-Transferases (GSTM1 and GSTT1) and Susceptability to Atherosclerosis among Jordanians Smekers, 2005.
5. Abu-Rayan, WS. Correllation of Atherosclerotic Severity With Cadmium and Lead Concentration in Cadavers. 2003.
6. Zoughol MH. In vivo Genotoxicity of drinking water in West Amman area- Jordan. Finished May 2000.
7. Jarou AI. Validation Studies of Random Amplified Polymorphic DNA (RAPD) in Human and the possibility of its Implementation in Forensic Casework. Finished November 2000.

F. Examiner for M.Sc thesis

1. Internal examiner for the thesis of (Al-Qadi EO. Development of High Performance Liquid Chromatography Method for Vitamin D3 Analysis in Pharmaceutical Preparation), 2008.
2. External examiner for the thesis of (Al-Omari LM. Sister Chromatide Exchange Frequency in Mouse Bone Marrow Cells Treated with 5-Azacytidine with and without Metabolic Activation-Yarmouk University, 2005.
3. Internal examiner for the thesis of (Abutayeh, R, F. Correllation between possible Toxicity of Citalpram and the Polymorphism of Cytochrome P450 Isoenzymes –the University of Jordan), 2003.
4. External examiner for the thesis of (Jacoub YH. The Genotoxic Effect of Cyclopentadinyldicarbonyl ernselenozeteriphthalik acid and its sulfur isomer in cultured Rat bone marrow-Yarmouk University, 2002.
5. External examiner for the thesis of (Faris AO. Genotoxic Potential of Two Novel Oxadiazoles in Salmonella Mutgenicity assay and mouse Micronucleus assay-Yarmouk University, 2002.
6. Examination comitee for the thesis of Jarou AI. Validation Studies of Random Amplified Polymorphic DNA (RAPD) in Human and the possibility of its Implementation in Forensic Casework. Finished November 2000.
7. Internal examiner for the thesis of (Abbassi LM. The Utilization of the Polymerase Chain Reaction for the detection of Genes Coding for Aminoglycoside Modifying Enzymes in Bacteria of Clinical Isolates from Jordan University Hospital, 2000.
8. Chairman of the examination comitee for the thesis of (Zoughol MH. In vivo Genotoxicity of drinking water in West Amman area- Jordan),1999.

VII- Workshops, community services and Scientific days

1. The Mississippi Philosophical Northeastern Association of Association's Medical Ethics Conference 20 to 22 November 2008. Jackson, MS, United States.
2. Forensic Scientists (NEAFS) Annual Meeting October 31–November 3, 2007. New York, USA.
3. A scientific day about the role of Islamic scholars in fighting narcotics. Amman, Jordan, 7/7/2005.
4. World DNA and Genome Day conference. April 25-29-2005, Dalian, China.
5. First Arab conference in Forensic Medicine. April 23-26-2004, Damascus, Syria.
6. XIIIth International Symposium on Atherosclerosis. September 28-October 2 - 2003. Kyoto, Japan.
7. Lesson preparation for teaching clinical skills workshop, Center of Educational Development for Health Personnel, The University of Jordan, 15-10-2003.
8. How to design an (OSCE) blueprint and write stations workshop, Center of Educational Development for Health Personnel, The University of Jordan, 15-10-2003.
9. Scientific day of the Forensic department about Fitness for interrogation in medicolegal cases, faculty of Medicine, University of Jordan130/10 -2001.
10. The first Arab conference of Antibiotics 2000. faculty of Medicine, University of Jordan 3, 4/5- 2000.
11. Presenting a lecture about Human Cloning in El-Shamela High school for girls, 28/5-2000.

12. Improving oral and clinical examination, Jordan Medical council in collaboration with Center of Educational Development for Health Personnel, Jordan Medical council, 16/4-1999.
13. Several workshops in Forensic medicine and Sciences for Judges and Attorneys. Presented lectures on DNA Fingerprinting and other Forensic Pathology subjects. Judicial Institute of Jordan, Ministry of Justice, 1994 to date.
14. Participate in the scientific activities and workshops in the National Center of Forensic Medicine. Presented lectures and courses in the field of Forensic Pathology. Ministry of Health.
15. Participate in the scientific activities in the JMC the Jordanian Medical Council. Presented lectures in the field of Forensic Medicine and Forensic Pathology.
16. Perkin-Elmer Scientific meeting in Molecular Biology in Medicine, in collaboration with Al-Amal Center, University of Jordan, Applied Science University and Al-Khomasia Consultancy, presented a lecture on DNA typing in Forensic Medicine, 19-20,1998.
17. Scientific day of the faculty of Medicine, 17/10 - 19/10 1998.
18. Scientific day of the faculty of Science, 1997.
19. Improving oral and clinical examination, Center of Educational Development for Health Personnel, The University of Jordan, 29-31/3/1997.
20. Quality assurance in medical education, ECFMG Global strategies in medical education, ECFMG clinical skill assessment, Center of Educational Development for Health Personnel, The university of Jordan, 7-8/5/1995.
21. First Scientific Day of Jordan Society of Forensic Science. presented a lecture on DNA fingerprinting of paternity cases in Jordan, Amman, 2/10/1994.
22. The International Academy of Pathology, Arab Division Association. Scientific Conference, Amman, Jordan, 1994.
23. Educational planning in the health sector, Center of Educational Development for Health Personnel, The university of Jordan, 3/2/1990-23/2/1990.
24. A Scientific Day Forensic Science. presented a lecture on management and diagnosis of poisoning, Jordan Medical association, Amman, 11/1989.
25. The International Academy of Pathology, Arab Division Association. First scientific Conference, Amman, Jordan, 1989.
26. The International Academy of Pathology, Arab Division Association. Second scientific Conference, Amman, Jordan, 1990.
27. Undertook 18 credit hours in Methods in University Education. Faculty of Education, The University of Jordan, Jordan. 1984-1988.

E. Membership of Scientific Organization.

1. 1985 to date: Jordan Medical Council, Forensic Pathologist.
2. 1988 to date: Member of Jordanian Society of Clinical Pathology.
3. 2003 to date: Member of the national Jordanian committee for Bioethics.
4. 2002to date: Secretary of Jordanian Society of Forensic Science.
5. 1988 to 2001: Member and Secretary of Jordanian Society of Clinical Pathology.
6. 1989 to date: The International Academy of Pathology, Arab Division Association.
7. 1994 to date: Member of Jordan Society of Forensic Science.
8. 1982 to 1985: Jordan Medical Council, General Practitioner.