

CURRICULUM VITAE

PERSONAL DATA:

Surname : AL-Muhtaseb
Full name : "Mohammad Hisham" Mohammad Hashem Mahmoud AL-Muhtaseb.
Sex : Male
Date of Birth : April 1st 1952.
Nationality : Jordanian.
Marital Status : Married with five children.
Present Position : professor - Department of Anatomy & Histology
Faculty of Medicine
University of Jordan
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QUALIFICATIONS:

M.B.,B.Ch. 1978 : Faculty of Medicine
Ain Shams University (Egypt)
Ph.D., 1986 : Faculty of Medicine
Department of Anatomy & Cell Biology
University of Sheffield
Sheffield, U.K.

PROFESSIONAL POSITIONS & EXPERIENCE:

1979 - 1980 Junior house officer, Ain Shams University Hospitals. (Egypt).
1980 - 1981 Resident in General Surgery Department
Jordan University Hospital.
1981 - 1982 Full-time lecturer at the Department of Anatomy & Histology
Faculty of Medicine-University of Jordan
1982 – 1986 Fellowship, Department of Anatomy and Cell Biology,
Faculty of Medicine, The University of Sheffield, Sheffield, U.K.
1986 – 1991 Assistant Professor, Department of Anatomy and Histology,
Faculty of Medicine-University of Jordan.

- 1992** Associate Professor, Department of Anatomy and Histology,
Faculty of Medicine-University of Jordan.
- Sept/1992** Head of the Anatomy & Histology Department,
Faculty of Medicine-University of Jordan.
- 1994-1997** Leave without pay-University of Qatar.
- 1997-1998** Sabbatical year-University of Qatar.
- 1998-2000** Associate Professor-Department of Anatomy & Histology,
Faculty of Medicine-University of Jordan.
- 6/3/2000** Professor, Department of Anatomy and Histology,
Faculty of Medicine-University of Jordan.
- Sept/2000-2006** Chairman of the Department of Anatomy and Histology
Faculty of Medicine-University of Jordan.
- Sept/2006-present** Professor, Department of Anatomy and Histology
Faculty of Medicine-University of Jordan.

SPECIAL FIELDS:

Neuro-Anatomy and Neuro-Biology.

PROFESSIONAL SOCIETIES:

- Jordan Medical Association.
- British Association of Neuro Anatomist.
- Egyptian Anatomical Society.

PROFESSIONAL ACTIVITIES AND AWARDS

- 1- University of Jordan Scholarship, scientific and research visit to Sheffield University-Department of Anatomy and Cell Biology, Sheffield-U.K July-Sept/1987.
- 2- Refereed articles for the twenty sixth Arab Medical Congress and seventh Jordanian Medical Congress 1990.
- 3- Head of the Department of Anatomy and Histology Faculty of Medicine-University of Jordan 1992-1993.
- 4- The Prize of the Seventeenth Annual Scientific Conference of the Egyptian Anatomical Society for the best presented paper
 - ◆ The paper published in the Egyptian Journal of Anatomy direct by the Egyptian anatomical society.
 - ◆ Certificate of Merit.
 - ◆ Two official letters sent from the president of the conference to the President of University of Jordan and to the Dean of Faculty of Medicine for my distinguished paper 7.4.1994.
- 5- Qatar University Scholarship, Scientific and Research visit to Egyptian Universities-Faculty of Medicine-Anatomy Department to exchange the ideas and experience on the electron microscope and how to take electron micrographs for the Helicobacter pylori organism in peptic ulcer patients July-Sept 1996.

- 6- Certificate of Merit from the Twentieth Annual Scientific Conference of the Egyptian Anatomical Society for the distinguished paper presented 12.12.1996.
- 7- Observer in the FRCSI section A examination at the University of Jordan 1999 which conducted by the Royal College of Surgeons of Ireland.
- 8- Member of the Examination committee for two Master thesis students, Faculty of Science-University of Jordan 1999.
- 9- Visitor professor / AL-Quds university-faculty of Medicine/Jerusalem 25/6-15/8/2000.
- 10- Member in the Jordanian medical council for part I exam in general surgery from september 2000 - 2005 .
- 11- Member in the editorial board of Dirasat – University of Jordan represent faculty of medicine in the board 2002-2007.
- 12- External examiner in the panel of external examiners for M.phil/ Ph.D anatomy students / university of health sciences – Lahore, Pakistan 2007-2016.
- 13- Member in the evaluation of medical certificate committee in the ministry of high education 2009-2010.
- 14- Member in the university council-university of Jordan represent faculty of medicine 2009-2010.
- 15- External referee for the evaluation of papers for promotion to professor and associate professor degree.(6 candidate)
- 16- member in the faculty council – university of Jordan 2010-2011.
- 17- member in the apointment and promotion committee in the faculty of medicine –univerdan of Jordan 2011-2012.
- 18- Reviewer for the proceeding of SZMC (SHAIKH ZAYED MEDICAL COMPLEX) medical and dental college . Lahore (2012 – 2022)
- 19-External referee for promotion of staf member to professor in Saudi Arabia /university of jedda(2023)
- 20- External referee for promotion of staf member to associated professor in Saudi Arabia / university of jedda (2023)
- 21- Evaluation of a sciantific university book (Atlas of comparative anatomy) for promotion of a doctor in Saudi Arabia / university of jedda (2024)
- 22- External referee for promotion of staf member to associated professor in saudi arabia / university of jedda (2024) .
- 23- External referee for promotion of staf member to professor in Saudi arabia university of Jedda (2024).

ATTENDANCE & PARTICIPATION OF WORKSHOPS & COURSES

- 1- Workshop on “A methods in medical research and use of Biostatistics” University of Jordan in collaboration with JOHNS HOPKINS medical institutions 28th March-6th April, 1988.
- 2- “Curriculum design and development 15 hours training course” 23.1.1993-27.1.1993 University of Jordan.

- 3- "Computer course 48 hours" University of Jordan 12/3-13/4/1988.
- 4- Workshop on "Towards more active University Education" University of Qatar 8-24/12/1994.
- 5- Workshop on "How to use the electron microscopes" University of Qatar 17-23/3/1995.
- 6- Workshop on "Emergency Trauma Care" continuing education activity sponsored by Allegheny General Hospital in collaboration with Hamad Medical Corporation. February 17-20/1997.
- 7- Workshop on "Applications of Biotechnology in Medicine" University of Qatar-Dec 6-13, 1997.
- 8- Workshop on "expanding horizons in problem based learning in Medicine 16-27 June 2003, Maastricht university, Faculty of Medicine, Netherland.

PROFESSIONAL TEACHING

1. Gross Anatomy and Histology for
 - **Medical students**
 - **Dental students**
 - **Pharmacy students**
 - **Nursing students**
 - **Bio-Medical students**
2. Gross Anatomy and Histology (demonstration) for Medical and dental students in Sheffield University-Faculty of Medicine.
3. Advanced course of Anatomy and Physiology of Speech, The Master Degree students of Speech Pathology, Department of Speech Pathology, Center for Phonetics Research.
4. Embryology and Neuroanatomy for
 - **Medical students**
 - **Dental students**
 - **Pharmacy students**
 - **Bio-Medical students.**
5. Advanced courses in Clinical Anatomy and Applied Anatomy for F.R.C.S. Candidates (F.R.C.S. courses).
6. Special lectures in my field (the vagus nerve in relation to stomach diseases) postgraduate doctors and medical staff.
7. Lectures in gross anatomy, histology and embryology for master degree students from 2012 till now.

COMMITTEE MEMBERSHIPS:

- | | | |
|--------------------------------|------------------|------------------------|
| 1. Academic Research Committee | 1986-1987 | (University of Jordan) |
| | 1987-1988 | (University of Jordan) |
| 2. Phonetics Research Council | 1987-1994 | (University of Jordan) |

3. Faculty Council, Faculty of Medicine **1988-1989** (University of Jordan)
Secretary of Faculty council **1992-1993** (University of Jordan)
4. Instruments and Laboratory **1988-1989** (University of Jordan)
Committee
5. Library Committee **1988-1989** (University of Jordan)
1989-1990 (University of Jordan)
1990-1991 (University of Jordan)
6. Staff-Student Committee **1989-1990** (University of Jordan)
7. Medical Biotechnology **1990-1991** (The High council of
Committee science and technology)
8. Examination and Curriculum **1991-1993** (University of Jordan)
Committee
9. Electron Microscope Committee **1994-1995** (Qatar university)
10. Biomedical Program Committee **1994-1997** (Qatar University)
11. Scientific Seminar Committee **1995-1996** (Qatar university)
12. Coordinator of the Scientific **1997-1998** (Qatar university)
Seminar Committee
13. Member in the High Scientific and Research Committee
representing University of Qatar **1995-1998**.
14. Member in the (Free of state of Qatar from poliomyelitis
Committee) representing University of Qatar.
15. Examination and Curriculum Committee (member in two subcommittees) **1999**
Faculty of Medicine/University of Jordan.
16. Faculty Council Committee (**1999-2000**) (**2000-2001**) (**2001-2005**) (**2010-2011**)
University of Jordan.
17. Scientific Research Committee (**1999-2000**) (**2000-2001**) (**2002-2004**) /Faculty of
Medicine/University of Jordan.
18. Jordanian medical council / member of the committee for part one exam in
general surgery / **2000-2005** (certificate of Jordan medical council).
19. Chairman of library committee **2001-2002** (Faculty of medicine / University of
Jordan).
20. Chairman of confererens committee **2010-2011** (Faculty of medicine / University
of Jordan)
21. Coordinator of the digestive system (integrated system) Faculty of Medicine
2004-2011.
22. Promotion and appointment committee (**2007-2008**) (**2011-2012**) . Faculty of
Medicine / University of Jordan.
23. Member in the Editorial and Advisory board for HEC from 2023- 2025, SZMC
Lahore.

PUBLICATIONS

1. **M.H. AL-Muhtaseb** and A.J. Bower.
The Ultrastructure of the Vesiculated Axon Profiles
In the Myenteric Ganglia of the Ferret Stomach
Jordan Medical Journal, 1989 vol 23 No. 2:163-174.
2. **M.H. AL-Muhtaseb.**
Anterograde Labeling of Vagal Efferent Fibers in the Myenteric
Ganglia of the Ferret Stomach as demonstrated by Autoradiography.
Jordan Medical Journal. 1990 Vol 24 No. 1:59-72.
3. F.U. Afifi, S. AL-Khalil, M. Aqel, **M.H. AL-Muhtaseb**, M. Jaghabir, M.
Saket and A. Muheid.
Antagonistic Effect of Eryngium Creticum extract on Scorpion Venom in vitro
Journal of Ethonopharmacology, 1990,29:43-49.
4. **M.H. AL-Muhtaseb.**
The Ultrastructures of the Myenteric Plexus in the Wall of Ferret Stomach.
Dirasat : 1990, 17B No 4:135-160.
5. **M.H. AL-Muhtaseb.**
An Autoradiographic Study of the Distribution of the Vagus Nerve in the Wall
of the Ferret Stomach.
Clinical Anatomy, 1993, Vol 6. 15-25.
6. **M.H. AL-Muhtaseb** and Musa Jamal.
Anatomy of the Ferret Larynx, a Comparative Study with Human Larynx.
Dirasat: 1994, 21B No 1: 151-159.
7. **M.H. AL-Muhtaseb** and M. Abu-Khalaf
Sprouting of the Vagus nerve after Highly Selective Vagotomy,
An Autoradiographic Study in the Ferret Stomach.
The Egyptian .J. Anatomy: 1994 vol. 17 (1) : 135-146.
8. **M.H. AL-Muhtaseb** and M.Abu-Khalaf
Regeneration of the Vagus nerve after Highly Selective
Vagotomy, An Autoradiographic Study in the Ferret Stomach.
Qatar University Science Journal 1995 vol. 15 (1) : 157-162.
9. **M.H. AL-Muhtaseb**
An Ultrastructural Study of the Morphological Changes in the Myenteric
Ganglia of the Ferret Stomach following unilateral Vagotomy.
Dirasat: 1995. vol 22 B (6) : 1397-1414.
10. **M.H. AL-Muhtaseb** and M. Abu-Khalaf
Electron Microscopic and Autoradiographic Studies of the Myenteric Ganglia
of the Ferret Stomach after Highly Selective Vagotomy.
The Egyptian .J. Anatomy 1995. vol 18 (2) : 265-279.

11. **M.H.AL-Muhtaseb**
The Ultrastructural Study of the Gastric Mucosa and H.pylori
In Peptic Ulcer Patient. 1996
Accepted in the Proceeding of the twentieth Annual Scientific
Conference of the Egyptian Anatomical Society. 12/12/1996

12. **M.H. AL-Muhtaseb** and Khalid ALAli
Microscopic Study of the Rabbit Pancreas after Vagotomy
Qatar University Science Journal 1997. Vol. 17(1) : 127-131
13. **M.H. AL-Muhtaseb**
Ultrastructure of the Ferret Nodose Ganglia
Dirasat 1998. Vol 25 (2): 130-137

14. **M.H. AL-Muhtaseb** and Helmi Ketani
Electron Microscopic and Autoradiographic Analysis of
the Distribution of the Vagus Nerve in the Ferret Stomach.
Qatar University Science Journal 1999 vol 18 :111-121
15. **M.H.AL-Muhtaseb**, Amer Abu Khalaf, Nazeeh AL-dweak and
Saad AL-Kaabi
A comparative Ultrastructural Study of the H.pylori in Duodenal Ulcer
Patients before and after Treatment.
Saudi Medical Journal, 1999. Vol 20 (8) 582-586.
16. Adib A. Aughsteen, Jamal K. AL-Masad, **M.H. AL-Muhtaseb**.
Fibroadenoma of the supernumerary breast of the axilla.
Saudi Medical Journal, 2000. Vol 21 (6): 587-589.
17. **M.H. AL-Muhtaseb**, Amer M. Abu-Khalaf, Adib A. Aughsteen.
Ultrastructural study of the gastric mucosa and helicobacter pylori in duodenal
ulcer patients.
Saudi Medical Journal, 2000. Vol. 21 (6): 569-573.
18. **M.H.AL-Muhtaseb**, Amer M. Abu-Khalaf, Darwish H. Badran.
Eradication of Helicobacter Pylori Infection in Gastritis and Duodenal Ulcer
Patients: An Ultrastructural Study.
Dirasat, Medical and Biological Sciences, 2002. Vol. 29, No. 1&2.

19. **M.H AL-Muhtaseb**,A. Desse , Sabah Al- Muhtaseb. Microscopic Study of
Rat pancreas after sympathectomy.jordan medical journal ,2013. Vol 47, No 2.
20. Kalbouneh HM, Alajoulin O, Alsalem M, Mansour Y, Shawaqfeh
J, Altarawneh T, Alhusni D, **Al-Muhtaseb MH**. Incidence of symptomatic
os trigonum among nonathletic patients with ankle sprain. Surg Radiol
Anat. 2019 Dec;41(12):1433-1439.

21. **M.H AL-Muhtaseb**, Hind M.Mohtaseb, Tala R Khouri. Microscopic study of the rat pancreas after denervation. European journal of anatomy. 2020 .24(1):01-07
22. Alkaloids from Peganum harmala attenuated contractile responses of vascular smooth muscle cells . Mohamed K Al-Essa^{1 *}, Eman Alefishat²⁻⁴ , Sawsan AbuHamdah^{4,5}, **Mohammed H Al-Muhtaseb¹**, Darwish H Badran¹ , Mhd Tareq Wahbi¹ , Rima Altaweel¹ , Amjad T Shatarat¹ .tropical journal of pharmaceutical research 2023,22(10):2111-2117
23. MICROSCOPIC STUDY OF THE INTRAPANCREATIC GANGLIA AND ITS EFFECT ON THE ENDOCRINE AND EXOCRINE PART OF RAT PANCREAS **M. H. AL-Muhtaseb*¹** , Afnan Z. Zetawi² and Hussam H.Alhawari³ .european journal of pharmaceutical and medical research,2024,11(2),299-305
24. The effect of irisin on the ultrastructure of the thoracic aorta in rat: A morphometric study A.M. Shurraba,* , A.T. Shatarat b, **M.H. Al-Muhtasebc** , D.H. Badrand, M.A. Salameha , H.M. Al-lahhamc , R.K. Altaweel c , I. Altarawnehc , D. Al-Qattan .Morphologie 108 (2024) 100779

SCIENTEFIC CONGRESSES AND MEETINGS:

1. The first national conference on medical education Nov. 6th 1986-Jordan (**participation**).
2. The second scientific conference of the faculty of Medicine and Pharmacy April. 12. 1988-Jordan (**Attendance**).
3. Lasers in science and technology (participation) Oct. 14-19, 1989 Jordan.
4. First international Jordanian symposium on communication disorders May. 7-9,1990 Jordan (**participation**).
5. The twenty sixth Arab medical congress and the seventh Jordanian medical congress May. 23-25, 1990-Jordan (**Attendance**).
6. The Scientific day of the Medical School 15/4/1992 "Anterograde Labeling of Vagal Efferent Fibers in the Myenteric Ganglia of the Ferret Stomach as Demonstrated by autoradiography" (**paper presentation**)
7. The Jordanian Society of Surgeons The Twentieth Annual Scientific Congress 25-26/6/1992 "An Autoradiographic Study of the Distribution of the Vagus Nerve in the wall of the Ferret Stomach" (**paper presentation**).
8. The Jordanian Society of Gastroenterology the First Annual Congress 9-11/9/1992. "Sprouting of the Vagus Nerve after Highly Selective Vagotomy, an Autoradiographic study" (**paper presentation**).

9. The Syrian Society of Gastro-enterology. The ninth Annual congress, Hims 28-30 April 1993. "Regeneration of the Vagus nerve after Highly Selective Vagotomy,an autoradiographic study" (**paper presentation**).
10. The 2nd international Jordanian symposium on communication Disorders May. 11-13, 1993 (**Attendance**).
11. The Egyptian Anatomical Society. The Seventeenth Annual Scientific Conference. AL-Azhar University 7-9 April 1994.
"Sprouting of the Vagus Nerve after Highly Selective Vagotomy,an Autoradiographic study" (**paper presentation**).
12. The 2nd congress of the Jordan Association of Surgeons, the 2nd Gastrointestinal and liver congress of the Jordanian Society of Gastroenterology. The 2nd Jordanian German Medical congress, 31st of August-2nd September, 1994 (**Attendance**).
13. The 2nd Annual congress of the Jordanian Society of Gastroenterology, Jordan- Amman 30/8-1/9/1995 (**Attendance**).
14. The Egyptian Anatomical society. The nineteenth Annual Scientific Conference Faculty of Medicine-Al-Azhar university 12/12/1995.
"The ultrastructural study of the morpholgical changes in the myenteric ganglia of the ferret stomach following unilateral vagotomy" (**paper presentation**).
15. International Conference on Endocrinology.
Qatar-Doha 12-14/4/1996 (**Attendance**).
16. The First Qatar Sports Medicine Conference.
Qatar-Doha November 27-29/1996 (**Attendance**).
17. The Egyptian Anatomical Society, the twentieth Annual Scientific Conference 12/12/1996.
"The ultrastructural study of gastric mucosa and H.pylori in peptic ulcer patient" (**paper presentation**).
18. International Symposium on Emergency Trauma Care.
Doha-Qatar February 18-20,1997 (**Attendance**).
19. Recent Advances in laboratory Medicine & Pathology.
Doha-Qatar April 5-7/1997 (**paper presentation**).
20. First Qatar International Pediatric Conference Hamad Medical Corporation.
Doha-Qatar December 15-17/1997 (**Attendance**).
21. The First International Conference of the Faculty of Medicine and the Third International Conference of the German-Arab Medical Association University of Jordan Oct. 17-19/1998 (**Attendance**).
22. The Syrian Society of Gastroenterology, the fifteenth Annual Congress-Hims April. 28-30/1999 (**Paper presentation**).

23. The 2nd Jordanian-Iraqi congress, the 14th annual scientific day of the faculty of medicine-Jordan university of science & technology 10-12/4/2000 (**paper presentation**).
24. The Supreme council of science holds the (**40th science week**) Syria-Lathekia 4-9 November /2000 (**paper presentation**).
25. The supreme council of sciences holds the (**41th science week**). Conference of Biotechnology at the auditoria of damascus university & Alassad university hospital 3-5 November 2001 Syria-Damascus.
26. International seminar on human Genome Diversity in Islamic countries 7-8 May 2002 Tehran-Iran.
27. Summer course a collaborative activity expanding horizons in problem based learning in Medicine 16-27 June 2003. Maastricht university/Faculty of medicine/ Netherlands.
28. The second conference of faculty of medicine / university of Jordan and the fifth conference of the arab medical schools April 18-20/2009
29. The scientific day of the faculty of medicine / university of Jordan April 4th 2011.
30. The scientific day of the faculty of medicine / university of Jordan April 11th 2019 (**paper presentation by graduated students and committee exam**) .

CURRENT RESEARCH:

1. Investigation of the Afferent Connections of the Vagus Nerve of the Ferret Using Autoradiographic Techniques at Light and Electron Microscopic Levels.
Dr. M.H. AL-Muhtaseb/Department of Anatomy.
2. Brain cells Transplant in the Rat.
Dr. M.H. AL-Muhtaseb/Department of Anatomy &
Dr. Tamimi/Department of Neurosurgery.
3. Ultrastructural Changes of the Gastric Mucosa in the Upper Gastro-Intestinal Diseases and after Highly Selective Vagotomy.
Dr. M.H. AL-Muhtaseb/Department of Anatomy &
Dr. A. Abu-Khalaf/Gastroenterologist.
4. Ultrastructural Study of the Gastric Mucosa and Helicobacter Pylori in Cancer Stomach
Dr. M.H. Muhtaseb/Department of Anatomy
5. Effect of vagotomy and sympathectomy on rat pancreas, an ultrastructural study.
Dr. M.H. Al-Muhtaseb/Department of Anatomy & Dr. Ahmad Desi/Faculty of Science- University of Jordan.
6. study of the structure of the enteric plexus of the rat pancreas.

