

CURRICULUM VITAE

Personal data

Surname : AL-Bustami
Full name : Faraj " Mohammad Fakhri " AL Bustami
Date of birth : 12/2/1946
Nationality : Jordanian
Marital status : Married with seven children
Present position : Professor and chairman
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University of Jordan
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Qualifications

M.B, B.ch 1971 : Faculty of Medicine
Azhar University (Egypt)
Ph.D. 1980 : Faculty of Medicine
Human Morphology Dept.
University of Nottingham
Nottingham U.K
Primary FRCS : Edinburgh 1978
TRAB exam. : Glaxow 1978

Professional Positions & Experiences

- 1972-1974 : Resident in surgery
Ministry of health hospitals
- 1975-1977 : Lecturer – Dept. of Anatomy
Faculty of Medicine – University of Jordan
- 1977-1980 : Fellowship, Dept. of Human Morphology,
Faculty of Medicine, University of Nottingham,
Nottingham U.K
- 1980-1985 : Assistant Professor, Dept. of Anatomy & Histology,
Faculty of Medicine, University of Jordan
- 1985-1990 : Associate Professor, Dept. of Anatomy & Histology,
Faculty of Medicine, University of Jordan
- 1990-Present : Professor, Dept of Anatomy & Histology
Faculty of Medicine, University of Jordan
- 1987-1992 : Head of the Anatomy & Histology Dep.
Faculty of Medicine – University of Jordan
- 1994-1998 : Faculty of Medicine – University of Jordan
- 2006-Present
- 1993-1994 : Vice Dean – Faculty of Medicine
University of Jordan

Special Fields

Surgical Anatomy, Neurobiology, Neuroendocrinology

Professional Societies

- Jordan Medical Association
- British Anatomical Society
- Egyptian Anatomical Society

Professional Activities

- Examiner to the Royal college of surgeons- Dublin since 1994.
- Examiner to the Jordan Board in surgery for eight years.
- External examiner in Anatomy & Histology for several medical schools in Saudi Arabia, Bahrain and Libya during the last twenty five years.

Attendance & Participation of Conferences, Workshops and Courses

1. Workshop on " 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 23-27/1/1993
University of Jordan.
3. Workshop on the use of the electron microscope 6-16/7/1989
Faculty of Medicine-Azhar University-Cairo.
4. Orientation course for examiners in surgery 8-19/6/1994 Royal college of surgeons in Dublin-Ireland.

Professional Teaching

- Gross Anatomy
Histology
Embryology
Neuroscience } for Medical, Dental, Pharmacy
and Nursing students
- Advanced courses in clinical Anatomy for MRCS candidates and postgraduate students.
- Advanced course in Anatomy and Physiology of speech, the Master degree students of speech Pathology, Dept. of speech pathology, centre of Phonetics Research-University of Jordan.

PUBLICATIONS:

Chromaffin Tissue:

- (1) **Bustami, F.; Coupland RE:** Possible association between the presence of X-zone in the mouse adrenal cortex and the stage of differentiation of small granular chromaffin (SGC) cells of the adrenal medulla, Journal of Anatomy (London) 129, 878-879, 1979.
- (2) **Coupland RE, Bustami F.:** Influence of drugs affecting the pituitary adrenal axis on chromaffin cells. In Histochemistry and cell biology of autonomic neurons, SIF cells and paraneurons. Vol 25; Advances in Biochemical Psychopharmacology (ed. O. Eranko, S. Soinila & H. Paivarinta) PP 175-183 New York, Raven Press, 1980
- (3) **Bustami, F.;** Morphological changes in the adrenal cortex and medulla induced by drugs acting on the pituitary adrenal axis. Dirasat, 10, 193, 1983.

- (4) **Bustami, F. Al Wirr, M. and Khraisha, S.;** Effects of partial devascularization of the adrenal cortex with or without hypophysectomy on the adrenal chromaffin cells.
Dirasat, 12, 10, 7-20, 1985.
- (5) **Bustami, F.;** Dedifferentiation of chromaffin cells in explants of rat adrenal medulla. A light and electron microscopic study
Dirasat, 1989 16, 4, 87-103.
- (6) **Bustami, F.;** Effects of combined hypophysectomy and cyproterone acetate on the adrenal chromaffin cells of the rat: Evidence for postnatal migration of adrenal chromaffin cells. *Acta Morphologica Neerlandica Scandinavica*. 26, 207-220, 1989.
- (7) **Bustami, F.;** Effects of ACTH and Hydrocortisone on the Catecholamine content and morphology of Reserpine-Depleted adrenal chromaffin cells of the rat.
Dirasat, Medical & Biological sciences, Vol. 31, No. 1, 2004.

Applied and Surgical Anatomy:

- (1) **Bustami, F.;** A study of the ligaments and muscles associated with the menisci of the human knee joint with special reference to function: A possible complementary effects of popliteus and semimebranosus.
Jordan Medical journal 18(2), 191, 1984
- (2) **Bustami, F.;** A new description of the lumbar erector spinae muscle in man.
Journal of Anatomy (London), 144,81-91, 1986
- (3) **Bustami, F.; & Abu-Ragheb, S. :** Incidence and distribution of the posterior gastric artery. Dirasat, 1987, 14, 6, 39-46.
- (4) **Bustami, F.;** Some observations on blocked vertebrae.
Jordan Medical Journal, 1988, 22, 1, 63-75
- (5) **Bustami, F.;** The anatomical features and functional significance of lumbar transitional vertebra.
Jordan Medical Journal 23, 1, 85-92, 1989
- (6) **Bustami, F.;** A reappraisal of the anatomy of the levator ani muscle in man. *Acta Morphologica Neerlandica Scandinavica*. 26, 4, 255-268, 1989.

(7) **Bustami, F & Badran, D.;** Correlation between the morphology of the spleen and the vascular pattern of its hilum. Dirasat vol. 31, No.2, 2004.

(8) **Bustami, F & Hadidi, M.;** Iniencephaly and Anencephaly with spinal retroflexion: A comparative study of Twelve human specimens. Jordan Medical Journal, vol. 41, No.1, 2007

Congenital anomalies and variations in newly born and adult Jordanians:

(1) **Bustami F., Kamal, M., and Faouri, S.,** Multiple congenital anomalies associated with oligohydramnios, 1982, 14, 20-23
Jordan Medical Journal.

(2) **Amr, S.: Mugaireh, A; Ur, F; Bustami, F., and Shamayle, A.** Agenesis of the penis, report of two cases and review of the literature.

(3) **Bustami, F.; Amr, S. and Dawod, S.,** The neurogenic type of arthrogyposis multiplex congenital, a report of a neonatal fatal form. Jordan Medical Journal, 19 (1), 107, 1985.

(4) **Bustami, F. & Amr. S. :** Cyclopia. A case study and review. Jordan Medical Journal, 1986, 21 2, 283-297.

(5) **Bustami, F.;** Extensor digitorum brevis manus: A case report and review. Jordan Medical Journal, 1987, 22, 1, 91-95.

(6) **Bustami, F.;** Congenital absence of the spleen associated with corbiloculare and pulmonary stenosis: case report and review of the literature. Jordan Medical Journal, 1987, 21, 2, 205-214.

(7) **Bustami, F.;** Wandering or Ectopic spleen: A case report and review of the literature. Journal of Clinical Anatomy, 2, 1-17, 1990.

(8) **Bustami, F. Kamal, F.;** Some observations on conjoined twins
Jordan Medical Journal, 23, 47-52, 1990.

Gastric mucosa, nerve supply and the effects of certain drugs:

- (1) **Bustami, F. & Khraisha, S.:** Effects of vagotomy on the mucosa of the rat: A morphometric and histochemical study.
Dirasat, 1987, 14,6, 47-70.
- (2) **Bustami, F. & Khraisha, S.:** Effects of indomethacine on the gastroduodenal mucosa of the rat: A histological, Morphometric and hormonal study.
Dirasat, 1988, 15, 4, 145-161.
- (3) **Bustami, F.:** A comparison between the effects of bilateral adrenalectomy and cyproterone acetate of the gastric mucosa of the rat. A histological, morphometric and hormonal study.
Dirasat, 1989, 16, 4, 20-36.
- (4) **Bustami, F.:** Effects of diclofenac sodium on the gastric mucosa of the rat. A histological, morphometric and hormonal study.
Jordan Medical Journal. 24(1), 73-89, 1990.

Metabolism & Diabetes mellitus:

- (1) **Bustami, F. & Mohammad, F., :** Effects of student examination stress on the blood and urine Osmolality: A Possible syndrome of Inappropriate ADH (SIADH) Dirasat: 25, 1, 1998.
- (2) **Khraisha, S.& Bustami, F.:** Comparative hormonal study of serum insulin, glucose, growth hormone and corticosterone in the Rat at 794.7mm Hg (Dead sea level) and 697.5 (Amman) Barometric pressure.
Jordan medical Journal. 1999, 33, 18-22.
- (1) **Bustami, F. , Khraisha, S.:** Chromaffin cells in the adrenal medulla of the mouse: A morphological study of their innervation.
Jordan Medical Journal 43,2, 2009
- (2) **Bustami, F. , Khraisha, S.:** Variation in the Anatomical position of the normal and diseased parathyroid glands. Submitted, (accepted)
Jordan Medical Journal 44, 1, 2010

- Bustami, f : Anatomical variations in the insertion of muscles acting on the thumb. European International Journal of science and Humanities. Vol.1.NO.2 Nov.2014.
- Bustami, F. Tarwaneh,E. : Factors affecting the differentiation of small granular chromaffin (SGC) cells of the mouse adrenal medulla. International Journal of Advanced research in Biological sciences ISSN 2348-8096 2 (1): 2015-148-157.
- Bustami, F. Rabaah.E, Tarawneh ,E: Stress triggered changes in the adrenal medullary cells structure and function in the rat. Jordan Medical Journal, 48(4),2014.
- Bustami, Tarawneh , E, Rababah, E: pattern of superficial venous arrangement in the cubital fossa of adult Jordanian . Jordan Medical Journal 48(4).2014.
- Bustami, F. : The location of the mandibular foramen and lingula in the adult Jordanian mandible. European International Journal of science and Humanities. Vol.1 NO. 3 Feb.2015