



## Curriculum Vitae

### *(A) PERSONAL PARTICULARS*

Name : **Hayder Ali Lafta Mossa**

Gender : **Male**

Date and year of Birth : **20-6-1979**

  

Marital Status : **Married, 2 Children**

  

Nationality: **IRAQI**

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## ***(B) EDUCATION BACKGROUND***

**1-B.Sc. Biology-Microbiology-College of Science-Baghdad University-2001.**

**2-M.Sc. Clinical Physiology-College of Medicine-AL-Nahrain University-2004.**

**3-Ph.D. Biology-Zoology(Reproductive Physiology and Assisted Reproductive Technologies)-College of Science-Baghdad University-2015.**

## ***(C) WORKING EXPERIENCES AND SKILLS***

- ✓ Scientific & Medical bureaus from 2003-2005.
- ✓ **Assistant Lecturer** from 2006-2008(College of Medicine-AL-Nahrain University).
- ✓ **Assistant Lecturer** in the High Institute of Infertility Diagnosis & Assisted Reproductive Technologies -AL-Nahrain University from 2008-2009.
- ✓ Member of Laboratories of Assisted Reproductive Technologies unit since 2006 till 2012.
- ✓ **Lecturer** since 17-5-2009 of the following topics(Theoretical and Practical Line):
  - ✓ Clinical Physiology
  - ✓ Reproductive Physiology
  - ✓ Clinical Biochemistry
  - ✓ Andrology
  - ✓ Cytogenetics
  - ✓ Molecular Biology
  - ✓ Reproductive Micromanipulation
  - ✓ Embryology
  - ✓ Assisted Reproductive Technologies
- ✓ Ph.D. in Clinical Reproductive Physiology and Assisted Reproductive Technologies-15-6-2015.

- ✓ **Assistant Professor** since 9-9-2015 till now of the following topics(Practical and Theoretical lines)**for M.Sc. Applied Embryology and High Diploma in Clinical Infertility and ART's students:**
- ✓ Assisted Reproductive Technologies
- ✓ Reproductive Micromanipulation
- ✓ Medical Terminology
- ✓ Research Methods and Seminars
- ✓ Reproductive Physiology
- ✓ **Assistant Professor** since 9-9-2015 till now of the following topics(Practical and Theoretical lines)**for Ph.D. Clinical Reproduction and Infertility Students:**
- ✓ Advanced Embryology
- ✓ Assisted Reproduction
- ✓ Reproductive Biotechnology
- ✓ Applied Reproductive Physiology
- ✓ Applied Embryology

**Other Activities:**

- ✓ Member in Iraqi Society of Fertility.
- ✓ Member in Iraqi Society of Zoonotic Diseases (ISZD) & Iraqi Zoonotic Communicable Diseases (ISZCD).
- ✓ Member in Iraqi Academics Syndicate.
- ✓ Member in European Society of Human Reproduction and Embryology(ESHRE).
- ✓ Editorial Board Member of Merit Research Journal of Medicine and Medical Sciences (MRJMMS).
- ✓ Editorial Board Member of International Journal of Medical Research & Health Sciences (IJMRHS).
- ✓ Candidated for award of Arabian Young Researchers in 2007 .
- ✓ Granted for many appreciation certificates in the scientific & administrative fields.
- ✓ Participated & supervised in more than 60 scientific & medical conferences, workshop & training course.
- ✓ Have many researches & articles published in Iraqi & National Medical Journals.
- ✓ Chief & member of nearly 60 scientific & administrative committees from 2006-till now.

**Current positions:**

- ✓ Editor-in chief of IRAQI Journal of Infertility and Embryos Journal (IJEIR).
- ✓ Chief of Quality Assurance and University Performance Department.

✓ Chief of Laboratory Accreditation Unit.

**Previous positions:**

✓ Chief of Studies, Planning and Pursuing Department.

✓ Chief of Examination committee.

***(D) PUBLISHED RESEARCHES AND ARTICLES***

**Researches**

1-Impact of Reproductive Hormones on the Sperm Parameters-Journal of Tikrit Medical College 2009;15(1):203-295(Part2)

2-Toxoplasmosis in Iraqi Women a retrospective Study

Journal of Karbalaa Medical College Vol.2,No.8,9 Dec.2009 Page 697-701.

3- Clinical study of Iraqi Infertile patients within Institute of Embryo Researches & Infertility Treatment.

Journal College of Science –Baghdad University- Proceeding of 3<sup>rd</sup> Scientific Conference 2009 Page1040-1046.

4-The effect of Seasonal ,Age ,Smoking and Working exposure on the Semen parameters in Iraqi Subjects. Journal of College of Science –Almustansiriah University Vol.21 No.7 2010 page 12-18

5-Impact of Calpain Activity Assay in Correlation to Human Sperm Parameters in Fertile and Infertile Men

Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-V, Jan 2015 Special Issue

6- Study of Calpain Activity, Sperm Penetration Assay in Unexplained Infertile Men in Relevance to Assisted Reproductive Technologies. World Journal of Pharmaceutical Research .2015-Volume 4, Issue 2, 100-117.

7- Impact of Varicocele on the Sperm Function Parameters in Relevance to Reproductive Hormonal Profile in Infertile Men. International Journal of Advanced Research (2015), Volume 3, Issue 8, 1169 – 1177.

8-A Comparison of New Sperm Preparation Technique by Glass Wool Filtration Combined with Pentoxifylline with Other Techniques in Asthenozoospermic Men. International Journal of Advanced Research (2017), Volume 5, Issue 4, 1178 – 1182.

9- A New Sperm Preparation Technique by Glass Wool Filtration Combined with Pentoxifylline Techniques versus Glass Wool Filtration alone for Infertile and Fertile Men.Iraqi Journal of Embryos and Infertility Researches(2017),Volume 7,Issue 1,28-37.

10- Evaluation of the Role of Theophylline in Sperm Selection for Intracytoplasmic Sperm Injection (ICSI) in Men with Obstructive Azoospermia.Merit Research Journals.(2017),Volume 5,Issue 11,543-546.

11- Study of Theophylline Role in Sperm Selection for Intracytoplasmic Sperm Injection (ICSI) in Men with Non-Obstructive Azoospermia.Journal of Pharmaceutical Sciences and Research.(2017),Volume 9,Issue 11,2286-2290.

12- The New Beneficial Application of Caffeine as a Promoting Factor of Sperm Motility Combined with Density Gradient Centrifugation Technique for Best Yield For Asthenozoospermic and Oligozoospermic Men. International Journal of Advanced Research (2017), Volume 5, Issue 10, 1076 – 1081.

- 13- Effect of *in vitro* activation By Glutathione Supplemented Medium on Sperm Motility, Morphology and Vitality During Sperm Cryopreservation of Asthenozoospermic Men. International Journal of Advanced Research (2017), Volume 5, Issue 10, 710 – 716.
- 14- A Stimulatory Approach for Activation of Frozen and Thawed Sperm Motility by Using Theophylline in Asthenozoospermic Men. World Journal of Pharmaceutical Research.2017.Volume 6,Issue 15,59-71.
- 15- Relationship of FSH, LH, DHEA and Testosterone Levels in Seminal Plasma with Sperm Function Parameters in Infertile Men. Merit Research Journals.(2017),Volume 5,Issue 12,627-634.
- 16- Relationship of FSH, LH, DHEA and Testosterone Levels in Serum with Sperm Function Parameters in Infertile Men. Journal of Pharmaceutical Sciences and Research.(2017),Volume 9,Issue 11,2056-2061.
- 17- Comparison of Best Yield of *in vitro* Sperm activation Techniques with New technique of Caffeine Combined with Density Gradient Centrifugation in Iraqi Patients. Journal of Pharmaceutical Sciences and Research.(2018),Volume 10,Issue 1,36-39.
- 18- The Impact of Lipoproteins on Hemorheological Parameters in Diabetic Patients with Cardiovascular Diseases. International Journal of Advanced Research (2018), Volume 6, Issue 1, 1229 – 1235.
- 19- Effect of L-Carnitine and Glutathione Supplemented to FertiCult Flushing Medium on Human Sperm Parameters During *in vitro* Sperm Activation in Asthenozoospermic Men. Merit Research Journals.(2018),Volume 6,Issue 4,165-170.
- 20- A Stimulatory Approach for *in vitro* Activation of Human Sperm Motility by Using Theophylline. International Journal of Advanced Research (2018), Volume 6, Issue 4, 1128 – 1132.
- 21- Evaluation of Anti-sperm Antibodies in Relevance to Testosterone Levels in Serum and Seminal Plasma in Infertile Men. Iraqi Journal of Embryos and Infertility Researches(2018),Volume 8,Issue 1,22-28.
- 22- Advanced Stimulatory Method for Activation of Sperm Function Parameters by Using TAD Glutathione in Iraqi Infertile Men. Iraqi Journal of Embryos and Infertility Researches(2018),Volume 8,Issue 1,38-45.
- 23- Relationship of Seminal plasma Total Antioxidant Capacity (TAC) with LH and FSH Levels in Serum with Sperm Function Parameters in Different Groups of Infertile Men. Iraqi Journal of Embryos and Infertility Researches(2018),Volume 8,Issue 1,64-69.
- 24- Evaluation of Antisperm Antibodies in Relevance to Progesterone Levels in Serum and Seminal Plasma in Infertile Men. International Journal of Pharmaceutical and Phytopharmacological Research (October 2018),Volume 8,Issue 5,48-52.
- 25- Evaluation of Seminal Plasma TAC in Relevance to Serum DHEA,Testosterone Levels as a Diagnostic Value in Infertile Men. International Journal of Life science and Pharma Research (IJLPR).(2019),Volume 9,Issue 1,45-51.
- 26- Reactive Oxygen Species Levels in Seminal Plasma in a Sample of Iraqi Infertile Men using Advanced Stimulatory Method for Activation of Spermatozoa. International Journal of Medical Research & Health Sciences (2018), Volume 7, Issue 12, 51 – 55.

In addition to 3 cited papers presented as presentations in Iraqi Medical Conferences (AL-Karkh Health Directorate2011-Karbalaa Medical Conference2008-College of Medicine-AL-Nahrain University-2008).

## Theses

**M.Sc.:**"Blood Lipid Profile in Correlation to Plasma Viscosity and RBCs Aggregation in Diabetes Mellitus"

**Ph.D.:** "Evaluation of Calpain Activity as a Predictor for Fertilization Potential in Fertile and Infertile Men"

## Articles in Arabic Language

- ١-مقالة عن الهندسة الوراثية وبعض التطورات في مجال التقنيات المساعدة على الإنجاب-منشور الامل ٢٠١٠
- ٢-مقالة عن اخر النظريات الحديثة في عمليات استئصال دوالي الخصيتين-منشور الامل ٢٠١١
- ٣-مقالة عن اخر تطبيقات تقنيات الخلايا الجذعية الجنينية في علاج عقم الرجال-منشور الامل ٢٠١٢
- ٤-مقالة عن استخدام شريحة خاصة في تشخيص عقم الرجال في المنزل-منشور الامل ٢٠١٢
- ٥-مقالة عن اخر التطورات في مجال التقنيات المساعدة على الأنجاب-منشور الامل ٢٠١٣

**Number of postgraduate students under supervision: (17)**

12(M.Sc.) / 5(Ph.D.)till -12-2018

**Number of Examining Committees Membership: (23)**

20(M.Sc.) / 3(Ph.D.)till -1-2019