

Curriculum Vitae

of

Dr. Rania Naiem Kamal Sherif

Professor of Anatomy and Embryology

Faculty of Medicine, Mansoura University

Mansoura, Egypt

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Date of Birth: July, 26th 1975

Place of Birth: Damietta, Egypt

Current Position: Professor
Anatomy and Embryology Department
Faculty of Medicine, Mansoura University
Mansoura, Egypt

Medical Education: University of Mansoura 1992 - 1998

Current Position

Professor Anatomy and Embryology Department, Faculty of
medicine, Mansoura University, Egypt

Qualification:

- November 1998** **M. B., B.Ch. (Bachelor Degree in Medicine and Surgery)**
Faculty of Medicine, Mansoura University, Egypt
Signed up “Very good with Honor”
- May 2004** **M.Sc. in Anatomy and Embryology**
Faculty of Medicine, Mansoura University, Egypt
Signed up “Excellent”
- May 2007** **Ph. D. in Anatomy and Embryology**
Faculty of Medicine, Mansoura University, Egypt
Signed up “Excellent”
- October 2011** **Diploma in medical education**
Faculty of Medicine, Suez Canal University in cooperation with Mastrechit University, Egypt
- July 2019** **Professional Diploma in Quality and Accreditation Management Systems in Educational Institutions**
Ain Shams University, Egypt
- July 2020** **Registered in Master of science in Health Profession Education (1st batch)**
Armed Forces College of Medicine in cooperation with Michigan State University

University Positions:

- March 1st, 1999 - Feb. 28th, 2000** Rotating Internship at Mansoura University Hospitals, Egypt
- June 21st 2000 – June, 2004** Demonstrator in Anatomy and Embryology Department, Faculty of Medicine, Mansoura University, Egypt
- June, 2004 – Sep 22nd ,2007** Assistant Lecturer in Anatomy and Embryology Department
Faculty of Medicine, Mansoura University, Egypt

Sep 23rd ,2007- Sep 30th, 2012	Lecturer in Anatomy and Embryology Department Faculty of Medicine, Mansoura University, Egypt
Sep 30th, 2012—Dec. 17th, 2013	Assistant professor in Anatomy and Embryology Department Faculty of Medicine, Mansoura University, Egypt.
Dec. 17th, 2013—June, 2015	Associate professor of Anatomy and Embryology in basic science Department Faculty of Medicine, Princess Noura Bent Abd ElRahman University, Riyadh, KSA
June 2015—2018	Assistant professor in Anatomy and Embryology Department Faculty of Medicine, Mansoura University, Egypt.
April 2018—to date	Professor in Anatomy and Embryology Department Faculty of Medicine, Mansoura University, Egypt.
December 2019-Septmeber 2020	Member in quality control unit Mansoura Manchester Programme
September 2020-January 2021	Head of quality control unit Mansoura Manchester Programme
April 2021-to date	Member in medical education department Faculty of medicine, Mansoura University
April 2021-to date	Reviewer in Permanent Scientific Promotion Committee for professors and assistant professors of Human Anatomy (12th session; 2016-2019) Supreme Council of Universities,

November 2021-to date

Ministry of Higher Education, Egypt
Member in measurement and
evaluation unit, faculty of medicine,
Mansoura university

Academic experiences:

1- Teaching undergraduate medical students lectures (*since June 2006*) including anatomy of various parts of human body as upper limb, lower limb, abdomen, pelvis, head and neck and neuroanatomy and embryology.

2- Teaching undergraduate **medical students** practical course of anatomy (*since June 2000*) including dissection and preparation of various specimens of human body to be put in the anatomy museum.

3- Teaching undergraduate **medical students in Mansoura-Manchester programme**, lectures and practical course of anatomy of the head and neck (*since June 2006*).

4- Problem Based Learning (PBL) Tutor in Mansoura-Manchester programme, semesters 2, 3, 4, 5 (*since June 2006*).

5- Teaching undergraduate **dentistry students** lectures and practical course of anatomy of the head and neck (*since June 2004*).

6- Teaching undergraduate **pharmacy students** lectures and practical course of anatomy of human body (*since June 2007*).

7- Teaching undergraduate **clinical pharmacy students** lectures and practical course of anatomy of human body (*since June 2009*).

8- Teaching undergraduate **nursing students** lectures and practical course of anatomy of human body (*since June 2009*).

9- Teaching undergraduate **paramedical students** lectures and practical course of anatomy of human body (*since June 2005*).

10- Teaching undergraduate medical students in Damietta faculty of medicine- **Alazhar University** lectures and practical course of anatomy of human body (*since october 2011*).

11- Work as visitor professor in Tripoli and ElMarqeb Faculties of medicine, Libya. (*since 2008*).

12- I was involved in all processes of anatomy exams for all students in faculty of medicine, pharmacy dentistry, Manchester program, clinical pharmacy and health institution.

13- Problem Based Learning (PBL) Tutor in Faculty of Medicine, Princess Noura Bent Abd ElRahman University, Riyadh, KSA (*since December, 2013*).

14- Teaching undergraduate medical students lectures and practical courses of Anatomy in faculty of medicine & faculty of Dentistry Princess Noura Bent Abd ElRahman University, Riyadh, KSA (*since December, 2013*).

15- Teaching undergraduate medical, dental and physiotherapy students in Horus University, New Damietta, Egypt.

16- Teaching postgraduate students

17- Member of quality control unit in Mansoura Manchester Program.

18- Head of quality control unit in Mansoura Manchester Program

19- Member in medical education department, Mansoura faculty of medicine since April 2021.

20- Member in Measurement and evaluation unite, faculty of medicine, Mansoura University.

21- Trainer in Measurement & Assessment workshop Basic Level of Assessment for Staff in Health Sector April 2021.

22- Member in under and postgraduate competency-based course specification revision committee since April 2021.

23- Reviewer in Permanent Scientific Promotion Committee for professors and assistant professors of Human Anatomy (12th session; 2016-2019), Supreme Council of Universities, Ministry of Higher Education, Egypt.

Publications:

1- Nitric oxide synthases in the submandibular gland before and after parasympathectomy: An experimental study on adult albino rat." Master thesis, **2004**

2- Is Liver Fibrosis Reversible: Experimental study. PhD thesis, 2007.

3- El-Shahat, M., Botoros, K.G., Gabr, O. and Sherif, R. (2008). Is Liver Fibrosis Reversible: Experimental study. Egyptian Journal of Anatomy, Egypt.

- 4- **Rania N. Sherif and Mohamed Y. Breika (2009).** Cutaneous Wound Healing: Correlation between Epidermal Proliferating Cell Nuclear Antigen and Desmoplakin Expression. *Mansoura Medical Journal*, Jan.& April 40(1&2):243-263.
- 5- **Rania N. Sherif and Dalia M. Saleh (2010).** Effect of Estradiol Supplementation on Induced Diabetic Changes in the Vagina of Albino Rat: An Experimental Immunohistochemical Study. *Egyptian Journal of Anatomy*, Jan-July; 33(1-2):123-135.
- 6- **Wael M. Elsaed, Hazem Abdelhamid Mohamed and Rania N. Sherif (2010).** A Validation of Some Morphological Measurements in Prediction of Egyptian Humeral Length. *Suez Canal University Medical Journal*; 13(2):213-219.
- 7- **Rania N. Sherif. (2011).** Effect of 17- β Estradiol Supplementation on Reversion of Diabetic Renal Fibrosis. *Egyptian Journal of Anatomy*, Jul.2011;34(2):27-39.
- 8- **Hagar A. Hashish and Rania N. Sherif (2012).** Effect Insulin and/or Curcumin on Glial Fibrillary Acidic Protein Expression in the Cerebellum of Diabetic Rat.
- 9- **Rania N. Sherif and Amany M. Shams (2012)** Expression of Estrogen and Androgen Receptors in Hypothalamic Nuclei of Adult Male Rat Offspring Prenatally Exposed to Betamethasone. *Egyptian Journal of Anatomy*.
- 10- **Dalia Saleh and Rania Sherif (2012)** Morphological Changes in the Tongue of Diabetic Albino Rats: A Histopathological and Immunohistochemical Study. *Egyptian Journal of Anatomy*.
- 11- **Sherif, R.N. (2012).** Effects of Exogenous Nitric Oxide Donor in Treatment of Gastric Ulceration Induced By Indomethacin in Albino Rats. *Egyptian Journal of Anatomy*, Jan. 2012; 35(1):51-66.
- 12- **Sherif, R.N. and Saleh D.M. (2014)** Effect of Chronic Sildenafil Administration on the Retina of Mice: An Immuno-Histochemical Study. *Egyptian Journal of Anatomy*, Jan. 2014; 37 (1): 55-66.
- 13- **Elshhat M. and Sherif R. (2014)** Effects of Insulin and Curcumin on the Testis and Prostate of Diabetic Rats. *Egyptian Journal of Anatomy*, July. 2014; 37(2):352-369.
- 14- **Saleh D. and Sherif R. (2014)** The Protective Effect of Curcumin versus Sodium Nitroprusside on Intestinal Ischemia/Reperfusion Injury. *J Interdiscipl Histopathol* 2014; 2(2): 74-87.
- 15- **Hashish H. and Sherif R (2015)** Effect of curcumin on the expression of Caspase-3 and Bcl-2 in the spleen of diabetic rats. *Journal of Experimental and Clinical Anatomy* | Vol. 14 | Issue 1 | Jan-Jun 2015.
- 16- **Abobakr S., Sherif R., Eltahry H. (2017)** Protective Effects of Black Seed and Vitamin C on Tamoxifen Induced Liver Changes in Adult Female Albino Rat; Biochemical and Microscopic Study. *Egyptian Journal*

of Anatomy 2017.

- 17- Sonbol Hany, Sherif R.(2018)** Expression of Glial Fibrillary Acidic Protein in the Cerebral Cortex and Cerebellum of Diabetic Rats; Possible protective Effect of Insulin and Vitamin E. Egyptian Journal of Anatomy, 2018.
- 18- Sherif, R.N. (2017)** Effect Of Cerebrolysin on the Cerebellum of Diabetic Rats: An Immunohistochemical Study. Tissue and Cell 2017, 726-733
- 19- Sherif, R.N. , Hazem, N. Abdellatif H.....(2018)** Effect of human umbilical cord blood derived CD34+ hematopoietic stem cell on the expression of Wnt4 and P53 genes in a rat model of hepatocellular carcinoma. Tissue and Cell 2018, (50):125-132.
- 20- BOTROS KG, SHERIF RN, NOHA M. HAZEM, DALIA SALEH.....(2018)** Glypican 3 and cyclin d1 as combined tumor tissue markers for diethyl nitrosamine-induced hepatocellular carcinoma in rats. Arab. J. Lab. Med. (2018) Vol. 43, No. 3 : 785 - 794
- 21- Hisham N, Elsayed M, Sherif R., Elshahat M. (2019)** Does Metformin Protect Against Diabetic Retinopathy in Albino Rats? An Immunohistochemical Study. Cytology & Histology Reports 2019.
- 22- Hassan Reda Hassan Elsayed, Mohammad El-Nablaway, Basma Adel Khattab, Rania N. Sherif, Wagdi Fawzy Elkashef, Asim Mohammed Abdalla, Eman Mohammad El Nashar, Mostafa Mohammed Abd-Elmonem, and Randa El-Gamal (2021)** Independent of Calorie Intake, Short-term Alternate-day Fasting Alleviates NASH, With Modulation of Markers of Lipogenesis, Autophagy, Apoptosis, and Inflammation in Rats. Journal of Histochemistry & Cytochemistry 1–21. DOI: 10.1369/00221554211041607
- 23- Hasnaa Ali Ebrahim, Randa El-Gamal, Rania N. Sherif (2021)** Intermittent Fasting Attenuates High-Fat Diet-Induced Cerebellar Changes in Rats: Involvement of TNF- α , Autophagy, and Oxidative Stress. Cells Tissues Organs DOI: 10.1159/000519088

Workshops: (FLDP)

1	University administration	17/4/2016	18/4/2016
2	Managing the research team	7/2/2017	8/2/2017
3	Crisis and disaster management	18/6/2017	19/6/2017
4	Preparing and designing electronic tests	9/7/2017	10/7/2017
5	Statistical analysis skills	10/9/2017	11/9/2017
6	Application of the academic standards of the educational program	17/9/2017	18/9/2017

Workshops: (others)

1	Constructing problem based learning	26/4/2014	
2	Becoming a small group facilitator	5/4/2014	12/4/2014
3	How to write course specification and course report using NCAAA template	5/3/2014	8/3/2014
4	Multiple choice questions	1/2/2014	
5	PBL block construction	20/3/2014	
6	Course Specification, field training and preparation of their reports	29/1/2014	30/1/2014
7	Implementation of quality assurance and institutional accreditation standards	5/3/2014	6/3/2014
8	Leading the way to set research agenda for an academic department	4/5/2014	5/5/2014
9	PBL- A refresher workshop	22/1/2015	
10	Research methodology- medical writing	27/11/2014	
11	Research methodology- study design	18/12/2014	
12	Research methodology- basic biostatistics	27/2/2015	
13	Interactive teaching methods	18/11/2014	19/11/2014
14	Research methodology workshop	6/1/2014	14/1/2014
15	Item analysis	12/11/2014	5/5/2014
16	Guidelines to writing and evaluating students reflections	12/11/2014	
17	Objective structured clinical examination	1/11/2014	
18	Presentation of research and posters at conferences	26/11/2014	
19	Preparing the test item for medical colleges	3/4/2019	4/4/2019
20	Test review - preparing reports and question banks - advanced level	2/7/2019	4/7/2019
21	Self-evaluation of colleges and institutes of higher education	30/7/2019	1/8/2019
22	Strategic planning for colleges and institutes of higher education	25/8/2019	26/8/2019
23	Stepping stones for students engagement in E learning	15/11/2021	
24	Emerging trends in assessments	9/02/2022	
25	Introduction to Entrustable Professional Activities (EPAs)	16/02/2022	
26	Competency based medical education for postgraduate (instructor)	4/2022	
27	Professional scientific oral presentation (EKB)	20/07/2022	
28	The unified training program for academic leaders, Mansoura University Development Center	4/01/2022	6/01/2022

National and international conferences:

1	1 st conference on adult critical care medicine updates	19/11/2014	20/11/2014
2	Cervical cancer campaign	24/2/2014	
3	21 st annual conference of the Egyptian association of endocrinology diabetes and atherosclerosis	30/11/2016	2/12/2016
4	1 st annual cardio-metabolic summit 2016	12/5/2016	
5	2 nd annual conference of the Egyptian association of endocrinology diabetes and atherosclerosis	27/9/2017	29/9/2017
6	9 th National Egyptian diabetes congress	1/11/2017	3/11/2017
7	Annual international conference of human anatomy and embryology: innovations in human anatomy and embryology	14/9/2017	15/9/2017
8	10 th National Egyptian diabetes congress	2018	
9	Annual international conference of human anatomy and embryology: innovations in human anatomy and embryology	9/2019	9/2019
10	1 st international medical education conference SCUIMEC	30/03/2022	31/03/2022
11	Empowering students in the early medical years through teaching and learning	23/06/2022	

Thesis supervision:

I was a co-supervisor for the following thesis

Master thesis in Anatomy:

1. The promising applications of nanotechnology in solving breast cancer problem, 2012-2013
2. Protective effects of black seed and vitamin C on changes induced by tamoxifen in liver of adult female albino rat : An electron microscopic study, 2013-2015
3. The potential combined effect of vitamins E and C on fluoride – induced hepatic toxicity in albino rats: ultrastructure study, 2015-2017
4. The possible protective role of metformin in early phase of experimental diabetic retinopathy in rats: An Immunohistochemical Study, 2017-2019

5. Effect of Induced Type 2 Diabetes on the Intestine of Albino Rat: An Immunohistochemical Study, 2017-2019
6. Expression of the CXCR4 receptor in nonalcoholic fatty liver disease in the albino rat: an immunohistochemical study. 2017-2021
7. Aquaporin-8 expression in the salivary glands of albino rats on a high-fat diet (immunohistochemical and immunohistochemical study), 09/2021.
8. Anatomical Variations of the Celiac Trunk and the Superior Mesenteric Artery in Egyptian Population: An Analysis Using Computed Tomography Angiography, 2022

PhD thesis in Anatomy:

1. Effect of Insulin and Vitamin E on the Astrocytes and Expression of Glial Fibrillary Acidic Protein in the Central Nervous System of iabetic Rats. Immunohistochemical Study, 2013-2015
2. Therapeutic and protective effect of insulin sensitizer (metformin) and angiotensin receptor blocker (losartan) on non alcoholic fatty liver disease in rats, 2016-2018
3. Effect of Curcumin and Pioglitazone on Experimentally Induced Non-Alcoholic Fatty Liver Disease in Adult Albino Rat, 2016-2018
4. Implication of Endoplasmic Reticulum Stress Inhibition in Development of Retinal Dysfunction in Albino Rat "Potential Role in Diabetic Retinopathy" 2017-2019
5. The Effect of Sodium Glucose Co-transporter 2 Inhibitors on kidney of Diabetic Albino rat, 2017-2019
6. Evaluation Of the Correlation between Stromal Derived Factor-1 and Endogenous Bone Marrow Cells in Liver Injury: An Experimental Study, 2017-todate
7. Effect of Fasting on Autophagy and Apoptosis in non-Alcoholic Fatty Liver Disease in Albino Rats. 2018-2021.
8. Effect of inhibition of Kupffer cells on liver cirrhosis in albino rats. 2013-2017.
9. Liver Regeneration after Partial Hepatectomy in Male Albino Rats; the Possible Enhancement effect of Fiesitin, 2022