

Prof. Dr. Ranih Zakaria Amer  
Professor of Pathology  
Faculty of Medicine, Merit University

### 1. Personal data

Name (Arabic)	رانية زكريا عامر سليمان
Name (English)	Ranih Zakaria Amer
Date Of Birth:	17th. November. 1973
Place Of Birth:	Benha, Al-Qalyubiyah, Egypt.
Religion	Moslem
Gender	Female
Nationality	Egyptian
Marital Status	Married
College	Medicine
Department	Pathology
Academic degree	MD
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## 2- EDUCATION

Institution	Degree obtained	Year
Faculty of Medicine- Benha University	MD of Pathology	2008
Faculty of Medicine- Benha University	Master of Pathology	2004
Faculty of Medicine- Benha University	Bachelor of Medicine Degree (accumulated) (from 1 <sup>st</sup> year to 6 <sup>th</sup> year): <b>Very Good.</b> Degree in 6 <sup>th</sup> : <b>Very Good.</b>	1996

General specialty	Human Histopathology
Specific specialty	Human Histopathology

## 3- SKILLS

### Language Skills

Language	Reading	Speaking	Writing
Arabic (Mother Language)	<b>Excellent</b>	<b>Excellent</b>	<b>Excellent</b>
English	<b>Excellent</b>	<b>Excellent</b>	<b>Excellent</b>
French	<b>Basic</b>	<b>Basic</b>	<b>Basic</b>
German	<b>Basic</b>	<b>Basic</b>	<b>Basic</b>

### Computer Skills

- Word (Arabic & English).
- Excel and GPA calculation for results - Power point - Windows.
- Internet.
- Skillful Statistical analysis using, SPSS.

## 4- INTERESTS

Computer & Internet.

## 5- EXPERIENCES

### i. Positions

	Date From – to	Organization	Country	Position	Role
1	2022-present	Faculty of Medicine- Merit University	Egypt	Professor & Head of pathology department	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> <li>• Supervision</li> <li>• Head of control</li> <li>• Program director and college representative for the follow-up and support committee for the Bachelor of medicine and surgery 5+2</li> </ul>
2	2020-2022	Faculty of Medicine- Benha University	Egypt	Professor	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> <li>• Supervision</li> <li>• Head of control</li> <li>• Pathological diagnosis of surgical cases in Benha university hospital</li> <li>• Manager of (EGAC Accredited) Early Cancer Detection Unit ISO 15189</li> </ul>
3	2014- 2020	Faculty of Medicine- Benha University	Egypt	Assistant professor	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> <li>• Supervision</li> <li>• Head of control</li> <li>• Pathological diagnosis of surgical cases in Benha university hospital</li> <li>• Member in (EGAC Accredited) Early Cancer Detection Unit ISO 15189</li> </ul>
4	2008-2014	Faculty of Medicine- Benha University	Egypt	Lecturer	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> <li>• Supervision</li> <li>• Pathological diagnosis of surgical cases in Benha university hospital</li> </ul>
5	2003-2008	Faculty of Medicine- Benha University	Egypt	Assistant lecturer	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> <li>• Pathological diagnosis of surgical cases in Benha university hospital</li> </ul>
6	1999-2003	Benha Faculty of Medicine- Zagazig University	Egypt	Demonstrator	<ul style="list-style-type: none"> <li>• Teaching</li> <li>• Research</li> </ul>

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**ii. Membership of professional bodies (List)**

A member of Egyptian Society of Pathology since 2001

**iii. Distinction and Awards (List)**

Appreciation certificate in 5th scientific Excellence day (Benha University) for outstanding performance in the field of scientific research and international publication, January 2019

**iv. Areas of research**

- Female genital system lesions (Endometrial hyperplasia and tumors)
- Breast tumors
- Nasopharyngeal neoplasms
- Thyroid lesions
- Gastric lesions
- Urinary system lesions
- Prostatic lesions
- Role of stem cells in colorectal and thyroid neoplasms

**v. PhD/MSc Supervision**

	<b>Title</b>	<b>PhD/MSc</b>	<b>Year completed / in progress</b>
1)	The use of dinitrochlorobenzene as an alternative treatment for verrucae.	MSc	2012
2)	Prognostic significance of survivin & cellular morphometry in nasopharyngeal carcinoma.	MSc	2011
3)	Significance of stem cell marker LGR5 expression in colorectal carcinogenesis	MSc	2012

4)	4) The role of expression of S100A4 in diagnosis of thyroid neoplasms originating from follicular epithelium	MSc	2012
5)	Expression of hypoxia-inducible factor-1 in primary brain tumors	MSc	Completed
6)	Study of the role of autophagy - related marker (Beclin-1) in different types of breast cancer (Immunohistochemical Study)	MSc	Completed
7)	Role of GFAP in predicting early hepatic stellate cell (HSCs) activation in chronic hepatitis C infection	MD	Completed
8)	Immunohistochemical expression and clinical significance of Epithelial cell adhesion molecule (EpCAM) and Cytokeratin 19 in hepatocellular carcinoma	MSc	Completed
9)	Significance of insulin-like growth factor II mRNA binding protein 3 (IMP3) expression in selected thyroid lesions	MSc	Completed
10)	Significance of Toll-like receptor 4 (TLR4) and liver fatty acid-binding protein (L-FABP) expression in hepatocellular carcinoma: an immunohistochemical study	MD	Completed
11)	Safety, tolerability and effectiveness of mesotherapy in treatment of abdominal obesity	MSc	Completed
12)	Significance of expression of prostatic stem cell antigen (PSCA) and Snail in prostatic adenocarcinoma: an immunohistochemical study	MD	Completed
13)	Immunohistochemical study of (Arginase-1 and Glutamine synthetase) in chronic hepatitis, liver cirrhosis and hepatocellular carcinoma	MD	Completed
14)	Significance of Aquaporin2 expression in diagnosis of pheochromocytoma (IHC study)	MD	In progress
15)	Evaluation of Napsin A and CK5/6 expression in NSCLC "An immunohistochemical study"	MSc	In progress

16) Assessment of (EZH2) expression, digital image analysis of CD8+ lymphocytes, and automated nuclear morphometry in renal cell carcinoma	MD	In progress
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vi. **Attended Workshops, Symposiums, and Conferences**

<b>Name of Workshops, Symposiums, and Conferences</b>	<b>Year</b>
<b>A- Workshops</b>	
1. Training in Scientific thinking skills course, Benha University	<b>2003</b>
2. Training in Effective teaching course, Benha University	<b>2005</b>
3. Training in Effective presentation course, Benha University	<b>2005</b>
4. Training on introduction, Dos, word, power point & internet, scientific center of medical syndicate	<b>2005</b>
5. Training in preparation and writing of scientific researches	<b>2006</b>
6. Training Course for the Production of Educational Materials, Faculty of Education, Benha University, March 2007, Benha, Egypt	<b>2007</b>
7. Training on concepts of IT, Benha University	<b>2007</b>
8. Training on using computer and managing files, Benha University	<b>2007</b>
9. Training on word processing, Benha University	<b>2007</b>
10. Workshop on "digital libraries" held at Benha University (25-26, October 2009)	<b>2009</b>
11. Workshop on medical statistics in clinical use, Benha faculty of medicine	<b>2009</b>
12. Training on using computer and managing files, Benha university, supreme council of universities	<b>2009</b>
13. Training on principles for leading a teamwork, Benha university	<b>2010</b>
14. Training on basic principles for quality assurance in teaching process, Benha university	<b>2010</b>
15. Training on exam systems and students evaluation, Benha university	<b>2013</b>
16. Training on statistical analysis in scientific researches, Benha university	<b>2013</b>
17. Training on self-assessment and external audit, Benha university	<b>2013</b>
18. Training on statistical program SPSS, Benha university	<b>2015</b>
19. Histopathology slide seminar organized by The Armed Forces College of Medicine & Egyptian Society of Pathology (ESP) 16th Mar.	<b>2017</b>
20. Requirements of Accreditation and Renewal of Accreditation of High Education Organization during the 1st Benha Faculty of Medicine Quality Conference (1-3 Oct.)	<b>2018</b>
<b>Conferences</b>	
1. Meeting of Egyptian Society of Pathology, NCI	<b>2002</b>

2. Meeting of Egyptian Society of Pathology, Theodor Bilhars institute	<b>2003</b>
3. Meeting of Egyptian Society of Pathology, national research center	<b>2003</b>
4. Meeting of Egyptian Society of Pathology, international medical center	<b>2004</b>
5. Training course in International medical center	<b>2007</b>
6. The 1 <sup>st</sup> meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2009</b>
7. Ninth annual conference, 22 <sup>nd</sup> scientific meeting on GIT and breast cancer	<b>2009</b>
8. 3rd conference in International medical center	<b>2009</b>
9. 10th conference of gynacology and obstetric department	<b>2009</b>
10. Meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2010</b>
11. Meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2011</b>
12. Meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2012</b>
13. 25th conference in Tanta University	<b>2010</b>
14. Annual conference of Egyptian Society of Pathology	<b>2010</b>
15. Meeting of Egyptian Society of Pathology, national research center	<b>2011</b>
16. The 3 <sup>st</sup> meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2012</b>
17. 11th conference of liver diseases in Qualubia	<b>2012</b>
18. Meeting of Egyptian Society of Pathology, national research center	<b>2013</b>
19. Meeting for training on Early detection of cancer, early detection of cancer unit, pathology department, Benha faculty of medicine	<b>2013</b>
20. Meeting of Egyptian Society of Pathology, national research center	<b>2015</b>
21. Meeting of Egyptian Society of Pathology, national research center	<b>2017</b>
22. 10th Breast- Gynecological & Immunooncology International Cancer Conference (under title of THE FUTURE BEGINS) (18- 19 Jan)	<b>2018</b>
23. 11 th Breast- Gynecological & Immunooncology International Cancer Conference (17-18 Jan)	<b>2019</b>

## 6. Books published

Simplified pathology for nurses, Benha faculty of nursing

### One of contributors in:

- For medical students (undergraduate and postgraduate)
- 1- Book for general pathology, department of pathology, benha faculty of medicine
- 2- Book for systemic pathology, department of pathology, benha faculty of medicine
- 3- Book for pathology slides, department of pathology, benha faculty of medicine
- 4- Book for pathology jars, department of pathology, benha faculty of medicine
- For students of physical therapy
- 5- Pathology for physical therapy, Benha faculty of physical therapy

## 7. Publications:

- 1- Mean platelet volume and Hepatic Stellate cells activity as a fibrosis markers in Egyptian patients with chronic hepatitis C
- 2- Evaluation of Galectin-3,  $\beta$ -catenin and nuclear morphometry in different thyroid lesions
- 3- Immunohistochemical Evaluation of P27 (kip1) and Cyclin D1 in Pleomorphic Adenomas, Warthin's Tumors and Mucoepidermoid Carcinomas of Salivary Glands
- 4- Significance of stem cell marker Lgr5 expression in colorectal carcinogenesis
- 5- Prognostic Significance of Survivin and Nuclear Morphometry in Nasopharyngeal Carcinoma
- 6- Comparison Of Pten Expression And Pten Mutations In Benign Versus Malignant Breast Lesions
- 7- Assessment of ERBB2 protein expression and gene amplification in urothelial bladder carcinoma by immunohistochemistry and fluorescence in situ hybridization
- 8- Diagnostic role of AMACR and P63 immunohistochemical expression and their relation with PI-RADS V.2 on Mp-MRI prostatic lesions
- 9- Significance of tumor-associated macrophage density and CXCR4 expression in renal cell carcinoma
- 10- Significance of silent mating type information regulation 2 homolog 1 and claudin 4 expression in gastric carcinoma and precursor lesions: an immunohistochemical study
- 11- Significance of Epithelial cell adhesion molecule (EpCAM-CD 326) and Cytokeratin 19 Expression in Hepatocellular carcinoma: An immunohistochemical study
- 12- Differential Expression of Autophagy-Related Marker (Beclin-1) in relation to Clinicopathological Parameters in Different Breast Cancer Molecular Subtypes
- 13- Interleukin-18 and its gene single nucleotide polymorphisms (SNPs) influence chronic hepatitis C progression



- 14- Significance of insulin-like growth factor II mRNA-binding protein 3 expression in selected thyroid lesions

### 8. Activities in faculty/university/community service

Name of Activity service	Year
1. A member of editing and printing book for general pathology, pathology department	2009
2. A member of editing and printing book for pathology slides, pathology department	2009
3. A member of editing and printing book for pathology jars, pathology department	2009
4. A member of editing and printing book for systemic pathology, pathology department	2010
5. A member of CIQAP project, E-learning group	2009
6. Academic supervisor for undergraduate students	2004-2010
7. Academic supervisor for postgraduate students (orthopedic, urology, pediatrics)	2008- 2022
8. A member of medical caravan for teaching rural population about early detection of cancer, Benha faculty of medicine	2009
9. A member of editing and printing book for pathology, faculty of physical therapy	2020
10. Editing and printing book for pathology, faculty of nursing	2014
11. Academic supervisor for undergraduate nursing students	2014-2020
12. Head of control works	2019-2021
13. Manager of (EGAC Accredited) Early Cancer Detection Unit- Faculty of Medicine- Benha University (ISO15189)	2022

### 9. PROFESSIONAL TECHNIQUES AND AREA OF EXPERTISE

- Human pathology (gross and microscopic examination)
- Light microscopy (image capturing)
- Immunohistochemistry
- Cell counting
- Morphometric analysis

### 10. ACTIVITIES IN THE QUALITY ASSURANCE AND ACCREDITATION

- **A member of the E- learning group in the quality assurance project**
- **Manager of (EGAC Accredited) Early Cancer Detection Unit- Faculty of Medicine-Benha University (ISO15189)**