



## Curriculum Vitae (CV) for Faculty Staff

### Personal statement:

I am Dr. Rabab Hassan Ali Hassan, the Faculty Dean of the faculty of dentistry at Ibn Sins University for Medical Sciences and an Associate Professor of Oral Biology with a PhD from Ain Shams University. My research focuses on natural therapeutics and stem cell applications in oral tissue regeneration. With over 15 years of teaching and coordination experience, I am committed to advancing dental education and research.



1. Personal Information	
<b>Name:</b>	Rabab Hassan Ali Hassan
<b>Date and place of birth</b>	30 Nov. 1983, Egypt
<b>Faculty:</b>	Dentistry
<b>Department:</b>	Basic Dental Science
<b>Contact info.</b>	rabab.hassan@isums.edu.jo

2. Education			
Date	Issuing institute	Field	Degree
May 2006	Ain Shams University	Dentistry	Bachelor
2013	Ain Shams University	Oral biology	Master
2016	Ain Shams University	Oral biology	PhD

3. Specialization and area of interest	
<b>General</b>	Dentistry
<b>Focus area</b>	Oral Biology

4. Professional experience	
Position	Date
The faculty dean	2025
Associate professor	2021
Assistant professor	2016
Assistant lecturer	2013



Demonstrator	2009
--------------	------

5. Research Experience
Histology of Oral Tissues
Regenerative Dentistry
Stem Cells and Stem Cells Secretome
Craniofacial Development

6. Publications	
Name of Author(s)	Title
<b>ORCID: 0000-0002-3561-9386</b>	
Hassan, R and Rabea, A.	Potential Effect of Bone Marrow-Derived Mesenchymal Stem Cells on Zymogen Granules and RAB3d in Parotid Salivary Glands of Senile Albino Rats
El-Haddad, K and Hassan, R	Effect of maternal intake of fried potato chips on the tongue development in the newly born albino rats: histomorphometric, histochemical and scanning electron microscopic study
Hassan, R and El-Haddad, K	The topical application effect of nanohydroxyapatite versus platelet rich fibrin on the early stages of extraction socket healing in rabbits: Histomorphometric, histochemical and immunohistochemical study
Mohsen, R.M.O., Halawa, A. and Hassan, R	Role of bone marrow-derived stem cells versus insulin on filiform and fungiform papillae of diabetic albino rats (light, fluorescent and scanning electron microscopic study)
Hassan, R., Rabea, A., Ragae, A. and Sabry, D	The prospective role of mesenchymal stem cells exosomes on circumvallate taste buds in induced Alzheimer's disease of ovariectomized albino rats (Light and transmission electron microscopic study)
Elgazawy, Y., Elzainy, M. and Hassan, R	Histological and Immunohistochemical Analysis of Green Coffee Aqueous Extract Effect on Parotid Salivary Gland in Streptozotocin Induced Diabetic Albino Rats. Egyptian Journal of Histology
Mohsen, R.M.O., Halawa, A. and Hassan, R	Comparative Study between the Effectiveness of Bone Marrow Derived Stem Cells and Insulin on Circumvallate and Foliate Papillae of Diabetic Rats: Histological and Morphological Study
Hassan, R. and Kabel, N	Comparative Evaluation of Viability and Function of Albino Rabbit Periodontal Ligament Fibroblasts in Various Media (In Vitro Study)



Wahba, N., Hassan, R. and Abdelkhalik, D.M	Histological and Immunohistochemical Study of the Effect of Topically Applied Phenytoin on Chemically Induced Buccal Mucosal Ulcer in Albino Rat
Nabil. L., Elzainy, M. and Hassan, R	Effect of Spirulina and Ginger against Radiation Hazards on Mandibular Alveolar Bone of Albino Rats (Histological, Immunohistochemical and Radiographic Study)
Hassan, R., Sabry, D. and Rabea, A	Assessment of ultra-structure, viability and function of lipopolysaccharides-stimulated human dermal fibroblasts treated with chrysin and exosomes (in vitro study)
Rabea, A., Rashed, L. and Hassan, R	Regenerative Capacity of Bone Marrow Stem Cells on Aged Albino Rat's Parotid Excretory Duct
Hassan, R., Ahmed, N.F. and Hussein, S.I	Histological, Immunohistochemical and Radiographic Evaluation of Amitriptyline Administration on the Periodontium of Albino Rats (An Experimental Study)
Mahmoud, E.A., Baghdadi, H.M., Hassan, R., and Ghazy, S.E	Reparative potential of mesenchymal stem cells and platelet-rich plasma on irradiated submandibular glands of male albino rats
Mohsen, R.M.O., and Hassan, R	A Comparative Study of the Therapeutic Effect of Bone Marrow Mesenchymal Stem Cells versus Insulin on Mandibular Dentoalveolar Complex Collagen Formation and beta-Catenin Expression in Experimentally Induced Type I Diabetes
Mahmoud, M.M, Abd El Hameed, M.M., and Hassan, R	Comparative Study on the Effect of Calcium Carbonate and Covarine on the Enamel Structure of Human Teeth (in Vitro Study)
Hassan, R, and Ahmed, B.A	Effect of Various COVID-19 Vaccines on Dental and Palatal Development of Albino Rats Offspring
Elmalah, S. G., Mohsen, R. O. M., & Hassan, R.	Selenium nano particles versus nano vitamin D3 in modulating anastrozole-induced osteoporosis on the mandibular alveolar bone of albino rats
Desouky, H. O., Halawa, A. M., & Hassan, R.	Role of Mesenchymal Stem Cell Exosomes and Injectable Platelet Rich Fibrin on Structure and Function of Submandibular Salivary Gland of Aged Albino Rats.



### 7. Conferences and Presentations

Name- organizer	Place and date	Type of participation
Ain Shams University	Egypt 2015, 2019 & 2022	Attendee
Faculty of Dentistry Ain Shams University	Egypt 2016, 2017, 2018 & 2022	Attendee
Faculty of Medicine, Ain Shams University	Egypt 2019	Attendee
Faculty of Dentistry British University in Egypt	Egypt 2020	Attendee
International scientific conference of the Egyptian society of histology and cytology 44th & 46th	Egypt 2020 & 2022	Speaker

### 8. Training courses

Course name-organizer	Date
Research ethics- Ain Shams University: Faculty and Leadership Development Project	2012
International publication- Ain Shams University: Faculty and Leadership Development Project	2013
Communication skills- Ain Shams University: Faculty and Leadership Development Project	2014
Management of time and meetings- Ain Shams University: Faculty and Leadership Development Project	2015
Management of the research team- Ain Shams University: Faculty and Leadership Development Project	2016
Effective students' assessment- Ain Shams University: Faculty and Leadership Development Project	2017
Financial and legal concepts in the University- Ain Shams University: Faculty and Leadership Development Project	2018
Exam systems and student assessment- Ain Shams University: Faculty and Leadership Development Project	2019
Use of technology in teaching- Ain Shams University: Faculty and Leadership Development Project	2020
Global University Ranking Systems and Indicators- Ain Shams University: Faculty and Leadership Development Project	2022



9. Teaching Experience for last 5 years		
Course Name	Year	Institute
Dental anatomy and occlusion, oral histology and embryology, oral physiology	2024-2025	Faculty of Dentistry, Ibn Sina University for Medical Sciences
Dental anatomy and occlusion, oral histology and embryology, oral physiology, comparative dentition	2023-2024	Faculty of Dentistry, Ain Shams University
Dental anatomy and occlusion	2023-2024	Faculty of Dentistry, Badr University in Cairo
Oral histology and embryology	2022-2023	Faculty of Dentistry, Badr University in Cairo
Oral histology and embryology	2019-2020	Faculty of Dentistry, Misr University for Science and Technology

10. committees' membership and community service	
Date	Name or type of membership/service
2017-2023	Member of the Committee Cultural Relations, Faculty of Dentistry, Ain Shams University
2020 till now	Membership in the Egyptian Society of Histology and Cytology

11. Awards And Honors		
Name	Date	Issuing authority
Best presenter	2020	44th International scientific conference of the Egyptian society of histology and cytology
Best presenter	2022	46th International scientific conference of the Egyptian society of histology and cytology
International publication award	2021-2025	Ain Shams University



### 12. Other skills

Computer skills: Excellent knowledge in Microsoft office (Word, Excel and Power point), internet and data management

Personal Skills: Communication skills, responsible, motivator, good advisor, and hard worker

### 13. References

**Prof. Dr. Reham Magdy**

Vice Dean and Professor of Oral Biology, Faculty of Dentistry, Ain Shams University.  
rehammagdy@dent.asu.edu.eg

**Prof. Dr. Nawal Lasheen**

Professor of Oral Biology, Faculty of Oral and Dental Medicine, Cairo University.  
Head of Oral Biology Department, Faculty of Oral and Dental Medicine, Misr University for Science and Technology.  
nawal.lasheen@must.edu.eg



مكتب الاعتماد  
وضمان الجودة

Accreditation and Quality Assurance Office