



Mohamed Salah Hasan El-khooly

Lecturer

Tel: +2 01019741899

Birthday: 1\2\1988

Email: ms.new39@gmail.com & ms.39@yahoo.com

M.S.elkhooly@sci.nvu.edu.eg & Mohamed_salah@azhar.edu.eg

Address1: Egypt, K.F.S, El- Riyad, Tolombat 7

Address2: Egypt, New Valley, El Kharga, Abdul Hadi Square

ORCID [0000-0001-8709-3171](https://orcid.org/0000-0001-8709-3171) & Scopus [57222145557](https://scopus.com/57222145557)

<https://scholar.google.com/citations?user=goSVIUMAAAAJ&hl=en>

Web of Science Researcher ID: [GNW-4003-2022](https://www.webofscience.com/author/uri/uri?uri=urn:lsid:im.siu:au:GNW-4003-2022)



SKILLS

Patience



Resourcefulness



Communication



Teamwork



Planning



Solving a problems



PROFILE

RESUME SUMMARY: lecturer dedicated in the preparation of the explanation and diligent in scientific research.

KNOWLEDGEABLE: Over 5 years of experience in the field of biophysics

DILIGENT: Observed and analyzed biomaterials and Bioglass 99% accuracy.

INNOVATIVE: Developed research proposal to drug delivery systems in synthetic bioglass.



WORK EXPERIENCE

(Research experience) 5 years of research experience in biophysics laboratories

(Laboratory) I have experience in drawing blood samples and work on the devices of the laboratory.

(Radiation Systems) I Trained on Treatment and Planning systems.

(Human development) Course of changing, planning, communication, and time management skills



SOFTWARE

ICDL: IT, Windows, Word, Excel, Access, Power Point, Internet

GRAPHIC: Corel Draw, Photoshop, Moviemaker, Fox, Prezi

PROGRAMING: C++, HTML, JavaScript, Visual Basic

SIMULATE: Multisim, maple, Proteus, Mathematica

TYPING: Mendeley, SPSS, Origin lab, Quill BOT



LANGUAGE

Arabic

Mother Tongue

English

Toefel:390



EDUCATION

- Ph.D. in Biophysics (biomaterial)
"Study of the mechanical and biological properties of Bioglass/Graphene composite doped with silver nanoparticles"
Al-Azhar university, Cairo (2020-2023)
- M.Sc. in Biophysics (biomaterial)
" Anti-inflammation drug delivery by Bioglass / Chitosan composite "
Al-Azhar university, Cairo (2017-2019)
- B.Sc. in Biophysics
Al-Azhar university, Faculty of science (2006-2010)



HOBBIES



List of publications

- | No | Paper |
|-----|---|
| [1] | A. Abd raboh, M. El-khooly, and M. Hassaan, "Preparation of Bioglass/Chitosan Composite incorporated with Dexamethasone by Sol-gel Method.," <i>Egypt. J. Biomed. Eng. Biophys.</i> , vol. 0, no. 0, pp. 9–22, 2019, doi: 10.21608/ejbbe.2019.14005.1025 . |
| [2] | A. S. A. Raboh, M. S. El-khooly, and M. Y. Hassaan, "Bioactivity and Drug Release Study of Dexamethasone Loaded Bioglass/Chitosan Composites for Biomedical Applications," <i>J. Inorg. Organomet. Polym. Mater.</i> , vol. 31, no. 7, pp. 2779–2790, 2021, doi: 10.1007/s10904-021-01936-z . |
| [3] | M. S. El-khooly, A. S. Abdraboh, A. M. Bakr, and K. H. T. Ereiba, "Bioactivity and Mechanical Properties Characterization of Bioactive Glass Incorporated with Graphene Oxide," <i>Silicon</i> , no. 0123456789, 2022, doi: 10.1007/s12633-022-02088-6 . |
| [4] | M. S. El-khooly, "Drug Delivery of Corticosteroids," P. M. Radenkovic, Ed. Rijeka: IntechOpen, 2022, p. Ch. 35. doi: 10.5772/intechopen.109085 . |
| [5] | M. El-khooly, A. Abdraboh, A. Bakr, and K. Ereiba, "Preparation of a Mixture of Bioglass/ Sodium Alginate Doped with Silver Incorporated with Graphene Oxide.," <i>Egypt. J. Biophys. Biomed. Eng.</i> , vol. 24, no. 1, pp. 1–12, 2023, doi: 10.21608/EJBEE.2023.184969.1061 . |
| [6] | M. S. El khooly, A. S. Abdraboh, A. M. Bakr, and K. T. Ereiba, "Fabrication and characterization of silver-substituted bioactiveglass incorporated with sodium alginate and graphene oxide," <i>Mater. Chem. Phys.</i> , vol. 301, no. March, p. 127716, 2023, doi: 10.1016/j.matchemphys.2023.127716 |

CONFERENCES

- 1- Ahmed Abd raboh, **Mohamed Salah El-khooly**, **Dexamethasone drug delivery system in bioglass as a composite** Mohamed Hassaan. 3 rd. Arabic conference of Biophysics 27-29 Sep, 2016, Cairo, (poster).
- 2- Ahmed Abd raboh, **Mohamed Salah El-khooly**, Mohamed Hassaan, **Control of drug release from bioglass samples using chitosan polymer**, The 9th international Conf. for Basic Sciences (ISCAZ) Energy, Environment and Sustainable Development March 27-29th, 2017 Cairo, Egypt. (poster).
- 3- Ahmed Abd raboh, **Mohamed Salah El-khooly**, Mohamed Hassaan, **Improving the mechanical properties of graphene oxide bioglass** 10th international Conf. Basic Sciences and its application. 30 March-1 April 2020 Cairo, Egypt. (oral).

REFEREES

M.Y. Hassaan, PhD
 Professor of Exp. Solid State
 Physics Department
 Faculty of Science
 Al-Azhar University, Cairo, Egypt.
 +2 01222316200
Myhassaan@yahoo.com

Khairy. M. T. Ereiba, PhD
 Professor of Biophysics
 Physics Department
 Faculty of Science
 Al-Azhar University, Cairo, Egypt.
 +2 01003047493
khairyereiba.211@azhar.edu.eg

Ahmed Abd raboh, PhD
 Associate professor of Biophysics
 Department of Physics
 Faculty of Science
 Al-Azhar University, Cairo, Egypt.
 +20 1224174276
Ah_biophysics6@azhar.edu.eg