

Dr. Abdulati Elsanusi Salem

Lecturer of Biochemistry

Address: *Kerzaz- Misurata- Libya*
Telephone № *+218-92-121-1437*
Email: *ankel2008@gmail.com*

Nationality: *Libyan*
Passport №: *P7NP923G*
ID: *119770164572*
Marital status: *Marrted*
Languages: *English, Russian, Arabic “mother language”.*



OBJECTIVE

Aim to contribute for an educational institution involved in student and faculty development by utilizing my experience of initiating and handling many new activities.

Biochemistry Lecturer with excellent teaching abilities seeking employment in your organization.

Career Summary

- An innovative and knowledgeable professional having 3 years experience as a lecturer.
- Proficient in developing new lessons and activities to expand learning opportunities.
- Extensive participation on committees and extra-curricular activities.
- Excellent knowledge of the subject and also has great practical knowledge.

Education

Doctor of Philosophy – Biology “Biochemistry specialty”: May 2016

Belarussian state University

Faculty of Biology

Department of Biochemistry

Minsk, Belarus.

Thesis title: CATALYTIC PROPERTIES, THERMAL INACTIVATION, AND AGGREGATION OF MITOCHONDRIAL ASPARTATE AMINOTRANSFERASE IN PRESENCE OF COLLOIDAL GOLD NANOPARTICLES, TITANIUM DIOXIDE AND MAGNETIC NANOPARTICLES.

Master's Degree – Chemistry :**June -2009**

Belarussian state University

Faculty of Chemistry

Department of Biopharmaceutical and medicinal chemistry

Minsk, Belarus.

Thesis title: Influence of curcuminoids on free-radical processes in the reaction of ethanol radiolysis.

Bachelor's degree –: Pharmacy**June -2003**

University of Garyounis.

Technical experience:

Isolation and purification of proteins.

HPLC and UHPLC/UPLC

Mass Spectroscopy

UV/Vis Spectroscopy

Buffer/ Reagent Preparation

Gel electrophoresis.

Highlights of Qualifications:

- Substantial experience in performing research for publications
- Immense knowledge of preparing courses for undergraduate programs
- Ability to coordinate with students for biochemistry processes
- Ability to provide quantitative teaching to students
- Familiarity of preparing biological systems
- Superb oral and written communication skills
- Excellent proficiency with Microsoft Office including Excel Access and Word
- High expertise in online media and technological communication techniques
- Outstanding research and academic writing abilities

Experience:

Chemistry teacher in Libyan school in Belarus – 2006-2010.

School director 2010 – 2011 - in Libyan school in Belarus.

Professional Experience:

TOTAL EXPERIENCE Teaching : 3 Years 0 Month

- Biochemistry Lecturer Alasmayia University, Faculty of Medicine, Department of Biochemistry August 2016 – Present.

- Head of biochemistry department since 2018.

Responsibilities:

- Provided teaching lessons to undergraduate students on biochemistry.
- Participated in various departmental activities.

Teaching topics are:

Proteins and amino acids metabolism, carbohydrates metabolism, Heme metabolism, Xenobiotics metabolism, Lipid metabolism, Integration of metabolism, Immunochemistry, Biological oxidation.

Visiting lecturer

University of Elmergib, faculty of medicine

October 2017 to current

Lectured and communicated effectively with students from diverse backgrounds.

Initiated thought-provoking classrooms discussions to help students develop their critical thinking abilities.

The courses are:

(Xenobiotics, Biological oxidation, mechanisms of action of Hormones, Porphyrins, Purine pyrimidine metabolism).

University of Sirte, Faculty of Medicine

From December 2017 to current

Challenged and motivated students through in-depth lectures and discussions.

The courses are (Carbohydrates chemistry, Immunochemistry, Xenobiotics, Porphyrins metabolism).

University of Misurata, Faculty of Medicine

From December April 2017 to current

Teaching topics in first year “Lipid chemistry, Carbohydrates metabolism, Biological oxidation, Immunochemistry, Vitamins”.

Teaching topics in second year “Lipid metabolism, Porphyrins, Xenobiotics, Integration of metabolism”

LIST OF PUBLICATIONS

A. List of Journal Papers

1. Салем А. Э., Шолух М. В., Химанен Ю. П. Взаимодействие нативных и модифицированных декстран сульфатом наночастиц диоксида титана с митохондриальной аспаратаминотрансферазой / А. Э. Салем, М. В. Шолух, Ю. П. Химанен // Труды БГУ. – 2013. – Т. 8, часть 1. – С. 177–182.

2. **Салем А. Э.**, Петрова С. М., Шолух М. В. Взаимодействие митохондриального изофермента аспаратаминотрансферазы с наночастицами Fe_3O_4 / **А. Э. Салем**, С. М. Петрова, М. В. Шолух // Новости медико-биологических наук. – 2013. – Т. 7, № 2. – С. 142–146.
3. **Салем, А. Э.**, Шолух М. В. Влияние наночастиц TiO_2 и Fe_3O_4 на термостабильность митохондриальной аспаратаминотрансферазы / **А. Э. Салем**, М. В. Шолух / Труды БГУ. – 2014. – Т. 9. – С. 122–128.
4. **Салем А. Э.**, Шолух М. В. Взаимодействие митохондриальной аспаратаминотрансферазы с наночастицами коллоидного золота / **А. Э. Салем**, М. В. Шолух // Вестник Фонда Фундаментальных Исследований. – 2014. – № 3. – С. 56–62.
5. **Салем А. Э.**, Шолух М. В. Влияние наночастиц золота на агрегацию митохондриальной аспаратаминотрансферазы / **А. Э. Салем**, М. В. Шолух // Доклады Национальной академия наук Беларуси. – 2015. – Т. 59, № 1. – С. 86–89.
6. **Salem A.** Influence of nanoparticles on thermal stability of aspartate aminotransferase / A. Salem, Waleed RA Abusittah, Mahmud El Abushhewa // Libyan journal of medical research. – 2020. - Vol.14 No.1. P.1-6.

V. List of Conference Papers

6. **Салем А. Э.**, Кравцова А. И. Влияние алкалофильной аспаратаминотразферазы на стабильность наночастиц золота / **А. Э. Салем**, А. И. Кравцова // научные стремления: сб. материалов междунар. Науч.-практической конференции молодых ученых, Минск, 14–18 ноября 2011 г. Национальная академия наук Беларусь, 2011. – С. 193–195.
7. Sholukh, M., **Salem A.** Nanoparticles of TiO_2 and Fe_3O_4 Prevent Mitochondrial Aspartate Aminotransferase From Thermal Inactivation / M. Sholukh, **A. Salem** // Proceedings of the 2nd International Conference on Modern Applications of Nanotechnology, Minsk, Belarus, 6-8 May 2015. Scientific and Practical Materials Research Center of National Academy of Sciences of Belarus, 2015. – P. S204-1–S204-3.
8. Бондарюк, Е. В., **Салем А. Э.** Влияние наночастиц золота на процесс термоагрегации рекомбинантной аспаратаминотрансферазы / Е. В. Бондарюк, **А. Э. Салем** // Биология–наука XXI века: сб. тез. 15-ой междунар. Пушинской школа-конф. молодых ученых, г. Пущино, Россия, 18–22 апреля 2011.

Пушчинский государственный университет, 2011. – С. 105.

9. Influence of pH on adsorption of alkalophilic aspartate aminotransferase on the surface of gold nanoparticles / **A. Salem**, A. Krautsova, V. Prysiazhenka, E. Khalikova, M. Sholukh // International conference on cofactors 03, Turku, Finland, 10–15 July 2011. University of Turku, 2011. – P. 80.

10. **Салем, А. Э.**, Хорошунова Т. Н. Зависимость активности аспартатминотрансферазы от условия адсорбции на наночастицах золота / **А. Э. Салем**, Т.Н. Хорошунова // XIX Международная научная конференция студентов, аспирантов и молодых ученых “ЛОМОНОСОВ”, Москва, 9-13 апреля 2012. Московский государственный университет, 2012. – С. 44–45.

11. **Салем, А. Э.**, Шолух М. В. Влияние наночастиц Fe_3O_4 на термостабильность митохондриального изофермента аспартатминотрансферазы / **А. Э. Салем**, М. В. Шолух // Химия, структура IV международная научная конференция, г. Минск, 17–19 октября 2012. Национальная академия наук Беларуси, 2012. – С. 243.

12. **Салем, А. Э.** Зависимость активности мАспАТ от условий адсорбции на наночастицах Fe_3O_4 / **А. Э. Салем** // XX Международная научная конференция студентов, аспирантов и молодых ученых “ЛОМОНОСОВ”, Москва, 8–12 апреля 2013. Московский государственный университет, 2013. – С. 52–53.

Interests:

Reading *‘I enjoy reading articles and books about personal development (or any other topic), and stay up-to-date with current trends and development in my field of interest’*, football or tennis, Travelling, Surfing the Internet, Model Cars, Cooking, Meeting Friends.