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Chemistry Department, Faculty of Science, Assiut University, 71516, Assiut, Egypt.

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WORK EXPERIENCE

Chemistry Department, Sana'a University, Sana'a, Yemen

May 2019 — Present

Assistant Professor

Chemistry Department, Sana'a University, Sana'a, Yemen

May 2014 — May 2019

Lecturer

Chemistry Department, Sana'a University, Sana'a, Yemen

June 2004 — May 2014

Graduate Assistant

AL-Wehda School, Sana'a, Yemen

Aug 2002 — June 2004

Teacher

EDUCATION

Ph.D. Analytical chemistry

May 2014 — April 2019

Faculty of Science, Assiut University, Egypt

Ph.D. Dissertation: "Isolation, Characterization and Biological Evaluation of the Constituents of Artichoke and Its Fungal Endophytes"

Supervisor: Prof. Nagwa Thabet Abo El Maali

Email: nelmaali@live.com

M.Sc. in Chemistry

Sept 2008 — June 2013

King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia

M.Sc. Thesis: "Detoxification of Chlorinated Organic Compounds Using Fluidic Microreactor with Gas Chromatography/Mass Spectrometry"

Supervisor: Dr. Basheer Chanbasha

Email: cbasheer@kfupm.edu.sa

B.Sc. in Chemistry

Sept 1998 — June 2002

Sana'a University, Sana'a, Yemen

First rank with honours obtained the highest GPA among the graduate Chemistry students, June 2002.

LIST OF PUBLICATIONS

1. **Abdulelah Thabet**, Chanbasha Basheer, Than Htun Maung, Hasan Ali Al-Muallem, and Abdul Nasar Kalanthoden.(2015), Rice Husk Supported Catalysts for Degradation of Chlorobenzenes in Capillary Microreactor. Journal of Nanomaterials.
2. **Abdulelah Thabet**, Ahmad Abo Markeb, Nermien H. Seddek, Douaa Sayed, Nagwa

Abo El-Maali.(2019), Bioactive compounds and antioxidant activity of the non-edible parts of two taxa from Egyptian Artichoke (*Cynara scolymus* L.), Assiut University Journal of Chemistry.

3. Nermien H. Seddek, **Abdulelah Thabet**, Ahmad Abo Markeb, Douaa M. Sayed, and Nagwa A. El-Maali, (2018) In vitro- exploration of Fungal Endophytes of Egyptian *Cynara scolymus* L. (artichoke) and Investigation of some their bioactive potentials. Global NEST Journal.

LIST OF PATENTS

1. Chanbasha Basheer, **Abdulelah Thabet**, **Catalyst for electrochemical dechlorination of hydrocarbons**. US Patent number: 9079161, Issued: July 14, 2015. <https://patents.google.com/patent/US9079161B2/en>
2. Chanbasha Basheer, **Abdulelah Thabet**, **Method to remove organic pollutants by electrocatalysis**. US Patent number: 9278873, Issued: March 8, 2016. <https://patents.google.com/patent/US9278873B1/en>

AWARDS AND SCHOLARSHIPS

- President of Sana'a University Prize for the best graduation (Research) Project (2002).
- Award for being ranked first rank with honours, in B.S in chemistry Sana'a University, Sana'a, Yemen (2002).
- M.Sc. Scholarship from King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia, (2008).
- Ph.D. Scholarship from Sana'a University, Sana'a, Yemen (2014).
- Best oral presentation Award, 5th International Conference for Young Scientists in Basic and Applied Sciences, Assiut University, Egypt, (2016).

RESEARCH INTERESTS

My research interests centers around the application of analytical chemistry to environmental and biological analysis as:

- Analytical chemistry and its application to environmental systems, trace analysis, water treatment.
- Synthesis of nanoporous Nanomaterials and development of novel materials and its analytical applications.
- Detoxification of polluted compounds by nanostructured materials.
- Electrochemical analysis, separation.
- Phytochemistry, chromatography, natural product chemistry, extraction of natural products from Medicinal Plants, Herbs, and by-product/waste, Phenolic compounds, Endophytic Fungi, Bioactive Secondary Metabolites and its biological activities such as antioxidant anticancer and antimicrobial activity.

FUNDED RESEARCH PROJECTS

I worked in three research projects:

1. Dechlorination of pesticides using capillary microreactor DSR/SABIC 01-Jan-2012 31-Dec-2012 .Project Completed - Funding Body – DSR, KFUPM Research Grant.
2. Conversion of CO₂ to methanol using laser radiation, Project completed, DSR, Laser group project, DSR, KFUPM catalysts (Oct 2010-March 2013).
3. Innovative techniques to remove inorganic compound from water Funded by KACST.

TEACHING EXPERIENCE

As a Graduate assistant at Sana'a University and a graduate student at King Fahd University of Petroleum & Minerals, I have had experience teaching a variety of chemistry lab such as:

- General chemistry (101)
- Analytical chemistry (1)
- Analytical chemistry (3)
- Physical chemistry (102)
- General chemistry (102)
- Analytical chemistry (2)
- Physical chemistry (101)

COMPUTER SKILLS & LANGUAGES

- Professional: Microsoft Office programs (word processing); Excel (spreadsheets); Power Point (presentations); Access (databases); Internet Explorer (web browsing), EndNote.
- International Computer Driving License (ICDL) Sana'a University, Sana'a, Yemen 2007.
- Arabic: Mother Tongue ▪ English: very good

MEMBERSHIP OF PROFESSIONAL SOCIETIES

Member of the Saudi Arabian International Chemical Sciences Chapter of American Chemical Society (SAICSC-ACS) member since 2010.

LIST OF CONFERENCES PARTICIPATION

1. **Abdulelah Thabet**, Douaa Sayed, Nagwa Abo El-Maali, Ahmed A. Markeb, Nermien Helmy, "Anticancer Activity of Artichoke (*Cynara scolymus* L.) Against Human Hepatoma Cells", (The 6th International Conference for Young Scientist in Basic and Applied Sciences (2019).
2. Nagwa Abo El-Maali, **Abdulelah Thabet**, Nermien Helmy, Douaa Sayed, Ahmed A. Markeb, "Total phenols, total flavonoid and antioxidant potential of Artichoke and its endophytic fungi", The Second International Conference on Multidisciplinary Research (ICMR) Caribbean World Soma Bay, Red Sea, 27-30th January 2018, Hurghada, Egypt.
3. **Abdulelah Thabet** "Polyphenol Metabolite Profile of Egyptian Artichoke" 1st International Conference on Biological and Environmental Sciences & Applications (ICBESA-2017) 23rd-25th March 2017, Luxor, Egypt.
4. **Abdulelah Thabet**, Nagwa Abo El-Maali, Nermien Helmy, Douaa Sayed, "In vitro Antioxidant Activity of Artichoke extracts", The Fifth International Conference for Young Scientists in Basic and Applied Sciences, Oct 29th -Nov 1st, 2016, Assiut University, Assiut, Egypt.
5. **Abdulelah Thabet**, Nagwa Abo El-Maali, Nermien Helmy, Douaa Sayed, "Profiling of phenolic and other polar constituents from methanolic extract of artichoke by means of accurate-mass spectrometry (HPLC-Tandem Mass and GC/MS)", The First International Conference on Multidisciplinary Research. Ain El-Sokhna-Egypt, 28-31th October 2015, Porto Sokhna Resort.
6. **Abdulelah Thabet**, Basheer Chanbasha "Detoxification of Chlorinated Benzene Compounds Using Capillary Microreactor with Gas Chromatography/Mass Spectrometry. 9th International Chemistry in Industry Conference and Exhibition (CHEMINDIX 2013), November 2-6' 2013, Gulf Hotel, Kingdom of Bahrain.

REFERENCES

References available upon request.

1. Prof. Dr. Nagwa Thabet Abo El Maali
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E-Mail: nelmaali@live.com or aboel_maali@aun.edu.eg
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2. Dr. Basheer Chanbasha
King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia
E-Mail: cbasheer@kfupm.edu.sa
Phone: +966544673095 Tel: + 966 3860 7344
3. Dr. Ahmad Mohamed Abo Markeb
Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt.
E-Mail: a_markeb@aun.edu.eg
Phone: +201021224645 Tel: + 20882412315
4. Prof. Dr. Abdullah Mahmoud Abulkibash
King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia
E-Mail: abdallam@kfupm.edu.sa
Phone: +966 503821614 Tel: +966 3860 2182
5. Prof. Dr. Belabbes Merzougui
King Fahd University of Petroleum & Minerals, Dhahran, Saudi Arabia
Hamad bin Khalifa University Qatar (HBKU)
E-Mail: bmerzougui@hbku.edu.qa