

## CURRICULUM VITAE

### PERSONAL DETAILS

Name: Ahlam Rashed F. Rashed  
Academic Degree: Professor  
Date of Birth: 06/04/1974  
Nationality: Libyan  
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### QUALIFICATIONS

2006-2009 PhD titled as “ Variation of bioactive constituents sensory qualities and yield in carrots grown with different types of crop management”, Newcastle University, School of Agriculture, Food and Rural Development  
2003-2005 PMh in Toxicity of selected citrus essential oils and monoterpenes in the fruit fly *Drosophila Melanogaster* (MEIG)”, Newcastle University, School of Biology  
1993-1997 BSc in Biology, specialized in Plant biology, Aristotle University of Zawia School of biology

### PUBLICATIONS

#### Conference publications

- Brandt, K., Rashed, A. and Yardley, H. (2009). Sliced, diced or whole? Carrots impact of processing on nutritional content and flavour. Presentation at the HDC/STC Spring Research Conference: Science today consumers tomorrow, 30th April, Cawood, Yorkshire
- Brandt K., Rashed A., Bjørn G.K., Leifert C. and Lück L. (2006). Effects of crop management on quality of carrots. Invited keynote lecture at the conference <sup>3</sup>New approaches in food quality analysis<sup>2</sup> September 14-15, Karlsruhe, Germany.
- Brandt, K., Yardley, H. and Rashed, A (2009). Optimal cooking of carrots increases the content of health-promoting compounds as well as sensory quality. Poster presented at 'NutrEvent Conference', 17th-18th June, Lille, France.

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- Rashed, A., Yardley, H., Lietz, G. and Brandt, K. (2009). Effects of processing on the content of falcarinol in carrots. Poster presented at 'FAV HEALTH 2009, 3rd International Symposium on Human Health Effects of Fruits and Vegetables', 18th-21st October, Avignon, France

### **Selected recent publications**

Kushlaf N. A, Abou Elsalehein. E.H and Rashed Ahlam. F. (2014). The effect of foliar fertilization with nitrofoska and seed inoculation with some bio fertilizers on green pod yield of PEA (*Pisum sativum* L.). *J. Product & Dev.*, 19(3):299-312.

Abou Elsalehein. E.H, Kushlaf N. A and Rashed Ahlam. F. (2014). Effect of chemical, bio and organic fertilizers on growth of +yield and bulb quality of onion grown in Zawia region, Libya.

Rashed Ahlam. F, Abou Elsalehein. E.H and Kushlaf N. A. (2015). Response of carrot (*Daucus carota* L.) to foliar application with some levels of cifomic fertilizer. *Egypt . J. of Appl. Sci.*, 30 (3).

Nadea Almunir, Ahlam Rashed, Adel M Abdallaa, Nouri Kushlaf, A M.EL-Mahmoudy, Khalifa S Mohamed, Seham TM Oshkondali, FadiaTaufik M\ and Ahmed Belgasem Ahmed.(2019) Effect of Organic Fertilizer on the Vegetative Growth and Sugar Content of Carrots in Different Areas in Zawia Libya. *Scholars Journal of Agriculture and Veterinary Sciences*. 6(10): 220-224

A.M.EL-Mahmoudy, Ahlam Rashed, Khalifa S. Mohamed, Nouri Kushlaf, Lubna Eljade, SehamT. M. Oshkondali.(2019) The Effect of Rhizobium Bacteria, Vitamin B12 and the Two Elements Boron and Molybdenum on the Characteristic Morphology of Pea Plant. *East African Scholars Journal of Agriculture and Life Sciences*.2(10): 501-503.

Khalifa S. Mohamed, Ahlam Rashed, A.M. EL-Mahmoudy, Adel M Abdallaa Shrefe, Nouri Kushlaf, Seham T.M. Oshkondali.(2019) Gene Expression in Leaves and Epidermis of Arabidopsis under Salt and Drought Stress. *East African Scholars Journal of Agriculture and Life Sciences*.2(11):523-525.

Ahmed Belgasem Ahmed, Hamed Alqamoudy, Ameerah Shaeroun, Ahlam Rashed, EL-Mahmoudy, Akram Almabrouk Misbah, Nadea Almunir, Manal M Elshili, FadiaTaufik, Nouri Kushlaf.(2019) Phytochemical Screening of Okra plant from Libya. *Scholars International Journal of Chemistry and Material Sciences*. 2(6): 101-103

Seham TM Oshkondali, Manal M Elshili, Nadea Almunir, Ahlam Rashed, Nouri Kushlaf, A.M.EL-mahmoudy, Ameerah Shaeroun, Hamed Alqamoudy, Ahmed Belgasem Ahmed, Khalifa.S.Mohamed.(2019) Therapeutic Potentials of Bioactive Compounds in Some Species (Amberboa Tubiflore, Anacyclus Clavatus and Anvillea Garcinii) in the Family Asteraceae. *Scholars Academic Journal of Pharmacy*. 8(9): 456-460.

Nouri Kushlaf, Ahlam Rashed, Khalifa.S.Mohamed, A.M.EL-mahmoudy, Nadia Almunir, Manal M

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Elshili, Seham T M Oshkondali.(2019) Effect of Organic Fertilizers and Complete Chemical Fertilizers (Nitrogen, Phosphorus, Potassium) on Green Onions Growth and Yield. *South Asian Research Journal of Agriculture and Fisheries*.1(3):73-77

Seham T. M.Oshkondali, EL-Mahmoudy, FadiaTaufik Samira, A alacrouk, Khaled Milad Abu, AhlamRashed, Ali Elahrash ,Zuhur1, RajabAlmesai.(2019) Alloxan Dose Optimization to Induce Diabetes in Albino Mice and the Determination of the Induced Diabetes Type. *Saudi Journal of Medical and Pharmaceutical Sciences*. 5(10): 813-816.

Ahlam Rashed, Ameerah Shaeroun, Ahmed Belgasem Ahmed, Hamed Alqamoudy, Khalifa.S.Mohamed, Nadea Almunir, Nouri Kushlaf, A.M.EL-mahmoudy, Akram Almabrouk misbah, Seham TM Oshkondali, and Zuhur rajab Almesai.(2019) Thin Layer Chromatography (TLC) and Phytochemical Analysis of Moringa Oleifera Methanol, Ethanol, Water and Ethyl Acetate Extracts. *Saudi Journal of Medical and Pharmaceutical Sciences*. 5(10): 817-820.

Ameerah Shaeroun, Amal M. A. Alshebani, Ahlam Rashed, Seham T.M. Oshkondali.(2021) Phytochemical Screening and Antibacterial activity of Okra extract. *South Asian Research Journal of Biology and Applied Biosciences*.3(4):51-56.

FadiaTaufik M, Ahlam Rashed, Seham T. M. Oshkondali, Samira, A Alacrouk, Karema Sleman.(2021) Antibacterial Activities of Moringa oleifera Leaf Extract on Some Human Pathogenic Bacteria. *Saudi Journal of Medical and Pharmaceutical Sciences*. 7(8): 426-431.

Seham .T.M.Oshkondali .Ahlam Rashed. Samira, A Alacrouk. Manal Elsheli. Ameerah shaeroun. Nadea Almunir. Amal Alshebani.Fdia Taufik M. and Zuhur Rajab ALmesai. 2023 . Effect of Abelmoschus edculentus ( Okra) fruit extract on glucose level in alloxan -induced diabetic mice in Lbya. *International multi lingual journal of science and technology* .(8)11.

Ahlam Rashed.Nouri kushlaf . fadia oshkondali .Ameerah shaeroun.Amal ,M,A,Alshebani.Ahmad belgasem. Ahmad . Majeda ashrie naji mkhaibesh and Ahlam mahamoud Abdullah.2024. The effect of chemical fertilizer ,yeast and vitamin C treatment on the growth and quality of mido cucumber .*International journal of science and technology*.(9)7.7491-7498

Ahlam Rashed.Nouri kushlaf .Seham .T.M.Oshkondali.Ameerah shaeroun.and Nadea Almunir. 2024.Effect of cow residues ,nitropene,phosphate, potassium and NPK fertilizers on the chemical qualittites of tomato fruit (*solanum lycopersicum L* ) .*International journal of science and technology*.(9)7.7503-5707

Nouri kushlaf .Ahlam Rashed. fadia oshkondali .Manal Elsheli.and Zuhur Rajab ALmesai.2024. The effect of chemical fertilizer,yeast and Vitamic C treatments on the chemical characteristics of mido

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cucumber. *International journal of science and technology*.(9)7.7499-7502

Nouri kushlaf .Ahlam Rashed..Seham .T.M.Oshkondali.Ahmad belgasem. Ahmad .Samira, A Alacrouk.Sajidah Jamal ALshawish. And Nuha Mohammed Koudeekhah.2024. Effect of cow waste ,nitropene fertilizer ,phosphate ,potassimage and NPK fertilize on the growth ,yield and vegetative qualities of tomato fruit (*solanum lycopersicum L* ).*International journal of science and technology*.(9)7.7477-7490

Ahlam Rashed, Seham T.M. Oshkondali , Nouri Kushlaf , Amal Elshebani , Samira A. Alacrouk , Fadia T.M. Oshkondale , Manal Elsheli , Zuhur R. Almesai , Ameerah Shaeroun, Steven L. Stephenson, Fuad Ameen, Osama Abdel-Hafeez Mohamed Al-Bedak.2024 . GC-MS ANALYSIS AND EVALUATION OF ANTIOXIDANT, ANTICANCER, CYTOTOXICITY, AND HYPOGLYCEMIC PROPERTIES OF THE LIBYAN *MORINGA OLEIFERA* LEAF EXTRACT ON ALLOXAN-INDUCED DIABETES IN MICE. *Bulletin of Pharmaceutical Sciences*. Assiut University.(47) 2. 1-16.

#### **Delivered oral presentations, not followed by a paper**

- ✓ Variation in bioactive constituents in carrots . Human Nutrition Research Centre seminar, Newcastle University, *March 2009*.
- ✓ Variation in bioactive constituents in carrots (Comparison of carotene extraction using two methods and three solvent treatments) . School of Agriculture, Food and Rural Development, Postgraduate Annual Conference 2006, Newcastle University
- ✓ Toxicity of selected citrus essential oils and monoterpenes in the fruit fly *Drosophila Melanogaster* (MEIG) . School of Biology Conference 2004, Newcastle
- ✓ Scientific symposium on corona vaccines 2021.

#### **WORK EXPERIENCE**

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##### **Laboratory analytical work**

- As part of my PhD course I developed and used extensively analytical protocols for the analysis of carotene in carrots. 2 different carrots boiled and fresh were separated by using gas chromatography and high performance liquid chromatography respectively.
- As part of my PhD course I developed and used extensively analytical protocols for the analysis of falcarinol and other compounds in carrots. 2 different carrots boiled and fresh were separated by using gas chromatography and high performance liquid chromatography respectively.
- As part of my PhD course I developed and used extensively analytical protocols for the

extraction and developed methods for falcarinol and other compounds in carrots

- As part of my MPh course I used analytical methods for the test toxicity of essential oils and

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monoterpenes in *Drosophila melanogaster*.

- As part of my MPh course I used analytical methods for the inhibit cytochrome P450 in *Drosophila melanogaster*.

- Supervising nine master's theses on bioactive compounds and diabetic in animal models ,it is effects on microbiology as antimicrobial effects , Organic, biological and chemical fertilizers and their effects on agricultural crops

### **Teaching and demonstrating**

- Placement in the Department of Biology University of Zawia from 1997 to 2014
- Teacher in the modules “extraction falcarinol and other compounds ”, for two PhD student and 2 MSc course , at Newcastle upon Tyne, UK, 2008.
- Teacher in the modules “extraction falcarinol and other compounds ”, 3 BSc course studen , at Newcastle upon Tyne, UK, 2008.
- I was worked in Newcastle University one year in extraction, isolation and quantification of falcarinol, falcarindiol and falcarindiol-3-acetate sale it to different company in UK and out UK.
- I am teaching on plant physiology and nutrition in department of botany University of Zawia from 2011to 2022
- 2018 A founder of the first scientific research group in Zawia university
- 2022 Member of the scientific committee at the university
- 2024 Member of the scientific committee at the university
- 2024 General director of the advanced research center for plant and complementary medicine – Zawia university.

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### **AWARDS**

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1993          | During my BSc course I was awarded prize from Libya due to my grades performance over the 4 <sup>th</sup> year of my study.                                                                                                      |
| 2002          | I was awarded scholarship from Libyan Scholarship foundation support my MPh and English course for 3 years.                                                                                                                      |
| 2006          | I was awarded other scholarship to complete PhD degree for 3 years.                                                                                                                                                              |
| 2011-         | I am a head of botany department in the Zawia University                                                                                                                                                                         |
| 2011-<br>2014 | Medical prep coordinator                                                                                                                                                                                                         |
| 2012          | I was awarded certificate of attendance on higher leadership and management programme from British council.                                                                                                                      |
| 2014          | I was one of a group from the British Council has arranged for a group of Libyan academics to visit several UK Universities to explore opportunities for the establishment of effective collaborations with Libyan Universities. |

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2015 I was awarded certificate of personal development planning from University of Zawia, Tempus and BUCUM.

2017 I was one of the Libyan group universities ( Benghazi ,Ghryan, Zawia ) visited Malaysian university for cofounder in higher education

## LANGUAGES

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|         |                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------|
| English | <ul style="list-style-type: none"><li>• Certificate in Advanced English, University of Newcastle University (2002)</li></ul> |
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| Arabic | <ul style="list-style-type: none"><li>• Native language</li></ul> |
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