

CURRICULUM VITAE

Personal Information

-Name: Ghanya Naji Mohammed Al-Naqeb Ph.D

-Nationality: Yemeni

-Gender: Female

-Marital status: Married

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ghanyaalnaqeb@yahoo.com

Educational Background

- Ph.D. (Nutritional Sciences, Nutrigenomics), Department of Nutrition and Dietetic, Faculty of Medicine and Health Sciences, University Putra Malaysia, Malaysia. 2009.

- M.Sc. (Nutritional Biochemistry), Department of Nutrition and Dietetics Faculty of Medicine and Health Sciences, University Putra Malaysia, Malaysia. 2005.

- B.Sc. (Hons) (Food Sciences and Nutrition) Department of Food Sciences and Technology, Faculty of Agriculture, Damascus University, Syria, 1999.

Working Experiences

- Research fellowship holder at Center Agriculture Food Environment - C3A, University of Trento, Trentino, Italy. August 2020 –Jun 2023.
- Postdoctoral Researcher at Chair of Food Chemistry, Faculty of Chemistry and Pharmacy, institute of Pharmacy and Food Chemistry, Universität Würzburg Germany. December 20017 –November 2019.
- Associate Professor of Nutritional Sciences, Faculty of Agriculture Food and Environment, Department of Food Science and Nutrition, University of Sana`a, Yemen (2015-2017).
- Postdoctoral Research Follow at Grand Forks Human Nutrition Research Center, Grand Forks, North Dakota, USA (January 2014 -September 2014).
- Assistant Professor of Nutritional Sciences, Faculty of Agriculture Food and Environment, Department of Food Science and Nutrition, University of Sana`a, Yemen (2011-2015).
- Postdoctoral researcher, Department of Pharmacology and Toxicology Faculty of Pharmacy, Universiti Teknologi MARA, Campus Puncak Alam, Malaysia (January 2010 – January 2011).
- Post-doctorate Researcher, Laboratory of Molecular Biomedicine, Institute of Bioscience Faculty of Medicine and Health Sciences, University Putra Malaysia, Malaysia (January 2009 – September 2010).
- Postgraduate researcher at Laboratory of Molecular Biomedicine, Institute of Bioscience, UPM (2002-2009).

Teaching Expertise

Courses taught at university level (Faculty of Agriculture Food and Environment, Department of Food Science and Nutrition, Yemen:

1. Biochemistry
2. Functional Foods
3. Preventive Nutrition
4. Introduction to Human Nutrition
5. Food Processing and Preservation
6. Ice cream dairy technology
7. Medical Nutrition Therapy 1
8. Medical Nutrition Therapy 2
9. Nutrition through life cycle
10. Nutritional Assessment
11. Food Preparation
12. Food Analysis
13. Food Allergy
14. Teaching Methods in Nutrition
15. Research Methodology
16. Advance Human Nutrition
17. Nutrient and nutrient interaction
18. Especial topics in Nutrition

Supervising students: Main and Co-supervisor for: Ph.D., Master students and final Project for graduate student.

Research Interests:

- Functional foods and nutraceuticals development for diseases prevention.
- Bioactive compounds extraction, determination, identification and application.
- Natural antioxidants and antioxidant activity.
- Research on safety evaluation and genotoxicity assessment.
- Research on the biological activity and molecular mechanisms of functional foods and traditional herbal medicine used by Committee in the area of diabetes, cardiovascular diseases, lipid accumulation, oxidative stress and cancer.

- Google Scholar i10-index: 20 h-index: 15 Citations: 924.

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

-ORCIDID: <http://orcid.org/0000-0002-7734-1706>

-ResearchGate Impact point: 23.42

<https://www.researchgate.net/profile/Ghanya-Al-Naqeb>

Collaboration Research in University of Trento.

1- Hydrochar and hydrochar co-compost from OFMSW digestate for soil application. Part 3: Toxicological Evaluation”

This project was a collaboration project between three different Departments in University of Trento, the Center Agriculture Food Environment (C3A), Department of Civil, Environmental and Mechanical Engineering, and Computational and Integrative Biology (CIBIO).

2- Supercritical fluid extraction of Cactus *Opuntia ficus-indica* L and *Opuntia dillenii* seeds oil, antioxidant activity, chemical characterization and comparison with conventional solvent extraction

This project was a collaboration project between three different Universities in Italy, the Center Agriculture Food Environment (C3A) University of Trento, Free University of Bozen-Bolzano, Faculty of Science and Technology, Italy and Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, Messina, Italy.

3- The Potential of Cactus *Opuntia ficus-indica* L and *Opuntia dillenii* seeds oil on Lipid Metabolism and Oxidative Stress in Human Hepatoma Cells. “Biological and Molecular Approaches”

This project was a collaboration project between two different Departments in University of Trento, the Center Agriculture Food Environment (C3A) and Computational and Integrative Biology (CIBIO).

Scientific Award

- Best research Award in 19th International Congress of the International Society for Ethnopharmacology, Hörsaalzentrum of the Technische Universität Dresden Germany. 12th-14th June 2019.
- The 2016 Elsevier Foundation Awarded for Early Career Women Scientists in the Developing World, in Biological Sciences: Agriculture, Biology, Medicine, Arab Region. Annual Meeting in Washington D.C., USA. The 10 to 15 February 2016.
<https://www.elsevier.com/connect/5-biologists-to-receive-elsevier-foundation-awards-for-women-in-science-at-aaasmtg>.
- 2015 Federation of Arab Scientific Research Councils Award in Medicinal and Aromatic Plants field. Khartoum Sudan 31 May 2016.
- Ghanya Al-Naqeb, Norhaizan Mohd.Esa1 and Zulkhairi Hj Amom, Maznah Ismail1. The Effect of Nigella Sativa and Its Oil on Atherogenesis in Hypercholesterolemia Induced Rabbits. International Conference Exploring New Frontiers in Medicine and Health 2007. (Award for Best poster presentation).

Publications

Patent Filed:

1-Maznah Ismail and **Ghanya Al-Naqeeb**. Cardioprotective Effects of Nutraceuticals Isolated from Nigella Sativa Seeds. PI 20084285.

<https://patents.google.com/patent/US20110244060A1/en>

2-Maznah Ismail and **Ghanya Al-Naqeeb**, Extraction of fixed oil and thymoquinone rich fraction (TQRF). PI 20084925.

<https://patents.google.com/patent/US8501250B2/en>

Scientific Papers (Publications)

1. **Ghanya Al-Naqeb**, Cinzia Cafarell, Eugenio Aprea, Giovanna Ferrentino, Alessandra Gasparini, Chiara Buzzanca, Giuseppe Micalizzi, Paola Dugo, Luigi Mondello, Francesca Rigano. Supercritical fluid extraction of Cactus *Opuntia ficus-indica* L seeds oil: antioxidant activity, chemical characterization and comparison with conventional solvent extraction. Submitted to Food and Bioproducts Processing (under review).
2. **Al-Naqeb, G.**, Sidarovich, V., Scrinzi, D., Mazzeo, I., Robbiati, S., Pancher, M., Fiori, L., & Adami, V. (2022). Hydrochar and hydrochar co-compost from OFMSW digestate for soil application: 3. Toxicological evaluation. Journal of environmental management, 320, 115910. Advance online publication.
<https://doi.org/10.1016/j.jenvman.2022.115910>.

Impact factor 8.91.

3. Al-Naqeb, G.; Fiori, L.; Ciolli, M.; Aprea, E. Prickly Pear Seed Oil Extraction, Chemical Characterization and Potential Health Benefits. Molecules 2021, 26, 5018.
<https://doi.org/10.3390/molecules26165018>. **Impact factor 4.927.**
4. **Al-Naqeb, G. (2020)**. Antioxidants activity and cholesterol regulation effect of *Caralluma flava* N.E.Br extract in HepG2 cells. Arabian Journal of Medicinal and Aromatic Plants, 6(3), 57-75. doi:<https://doi.org/10.48347/IMIST.PRSM/ajmap-v6i3.23655>.
5. Kaokabah, N., A. Al-Qubati, and **G. Al-Naqeb**. “ANTI-OBESITY EFFECTS OF *PULICARIA JAUBERTII* E. GAMAL-ELDIN IN HIGH FAT DIET-INDUCED RATS”. Universal Journal of Pharmaceutical Research, Vol. 5, no. 5, Nov. 2020, doi: <https://doi.org/10.22270/ujpr.v5i5.487>.
6. **Ghanya Al-Naqeb**, Harald L. Esch, Carolin Kleider, Matthew J. Picklo Sr, Leane Lehmann: Antiadipogenic properties, Chemical characterization and Genotoxicity Approaches of *Pulicaria jaubertii* E. Gamal-Eldin leaves Extract Originated from Yemen. Hörsaalzentrum of the Technische Universität Dresden. 12th-14th June 2019.

Conference paper

7. **Ghanya Al-Naqeb**. Acute toxicity and anti-ulcerative potential of *caralluma flava* N.E.Br methanolic extract against ethanol-induced gastric ulcers in rats. Journal of Medicinal Plants Studies 2017; 5(6): 21-25.
8. **Ghanya Al-Naqeb**, *Caralluma flava* N.E.Br extract reduces plasma glucose level and improves plasma antioxidant enzymes in hyperglycemic rats. Journal of Medicinal Plants Studies. 5(6): 39-43. 2017.
9. **Ghanya Al-Naqeb**, Aziza Taj Al- Deen. The effect of *Rumex nervosus* Vahl leaves on high fat diet-induced hyperglycemia and hyperlipidemia in albino rats. International Journal of Chemical Science. Volume 1; Issue 2; November 2017; Page No. 80-83.
10. **Ghanya Al-Naqeb**, Jana Rousov, Alena Kubatov Matthew J. Picklo Sr. *Pulicaria jaubertii* E. Gamal-Eldin reduces triacylglyceride content and modifies cellular antioxidant pathways in 3T3-L1 adipocytes. Chemico-Biological Interactions 253 (2016) 48-59. <https://www.ars.usda.gov/research/publications/publication/?seqNo115=315513>.
Impact factor 5.168.
11. Picklo M, Rousova J, Kubatova, **Al-Neqeb G**. *Pulicaria jaubertii* Extract Prevents Triglyceride Deposition in 3T3-L1 Adipocytes. FASEB J. 2015;29(1):924.19. **Conference paper**

12. **Ghanya Al-Naqeb**, Effect of prickly pear cactus seeds oil on the blood glucose level of streptozotocin-induced diabetic rats and its molecular mechanisms. International Journal of Herbal Medicine 2015; 3(4): 2934.
13. **Ghanya Al-Naqeb**, Antioxidant and Antibacterial Activities of Some Yemeni Medicinal Plants. International Journal of Herbal Medicine 2015; 3(3): 06-11.
14. Aziza Taj Al- Deen and **Ghanya Al-Naqeb**. Hypoglycemic effect and in vitro antioxidant activity of methanolic extract from Argel (Solenostemma Argel) Plant. International Journal of Herbal Medicine 2014; 2 (2): 126-129.
15. Mohd Alfazari Mohd Ghazali, **Ghanya Al-Naqeb**, Kesavanarayanan Krishnan Selvarajan, Mizaton Hazizul Hasan, and Aishah Adam. Apoptosis Induction by Polygonum Minus Is Related to Antioxidant Capacity, Alterations in Expression of Apoptotic-Related Genes and S-Phase Cell Cycle Arrest in Hepg2 Cell Line. BioMed Research International Volume 2014, Article ID 539607, 13 pages. **Impact factor 3.246.**
16. R K Wesam, **A N Ghanya**, H H Mizaton, M Ilham and A. L. Aishah. Assessment of Genotoxicity and Cytotoxicity of Standardized Aqueous Extract from Leaves of Erythroxylum Cuneatum in Human HepG2 and WRL68 Cells Line. Asian Pacific Journal of Tropical Medicine (2013)811-816. **Impact factor 1. 226.**
17. Aziza Taj Al- Deen, **Ghanya Al-Naqeb** and Qais Al-Maqtari. Potential antioxidants and antibacterial from Dodonaea viscosa, Fragaria x ananassa and Vernonia amygdalina leaves. University of Aden Journal of Natural and Applied Sciences, 17, 2013. Asian Pacific journal of tropical medicine.
18. Samara Kraidi , Aishah Adam , Wan Iryani and **Ghanya Al-Naqeb** 2013. Antiproliferative Effect of Antioxidant Rich Fraction Isolated from Cassia Auriculata and its Molecular Mechanisms. The Open Conference Proceedings Journal, 2013, Volume 4. 10.2174/2210289201304010228. **Conference paper**
19. Mohd Aidil Azahar, **Ghanya Al-Naqeb**, Mizaton Hasan, Aishah Adam. Hypoglycemic effect of Octomelessumatrana aqueous extract in streptozotocin-induced diabetic rats and its molecular mechanisms. Asian Pacific Journal of Tropical Medicine (2012)875-881. **Impact factor 1. 226.**
20. John CM, Ramasamy R, **Al Naqeeb G**, Dhiab Al-Nuaimi AH, Adam A. Enhanced CD4+CD25+ regulatory T cells with splenic proliferation and protection against oxidative stress by nicotinamide in gestational diabetes. Current medicinal chemistry, 2012, 16. **Impact factor 4.184.**
21. C.M. John, R. Ramasamy, **G. Al Naqeeb**, A.H.D. Al-Nuaimi³ and A. Adam, Nicotinamide Supplementation Protects Gestational Diabetic Rats by Reducing Oxidative Stress and Enhancing Immune Responses. Current Medicinal Chemistry, 2012, 19, 5181-5186. **Impact factor 4.184.**
22. Ismail Norsharina, Ismail Maznah, Al-Absi Aie and **Al-Naqeeb Ghanya**. Thymoquinone rich fraction from Nigella sativa and thymoquinone are cytotoxic towards colon and leukemic carcinoma cell lines. Journal of Medicinal Plants Research. 2011, Vol. 5(15), 3359–3366. **Impact factor 0.45.**

23. **Ghanya Al-Naqeeb**, Adel S. Al-Zubairi, Maznah Ismail, Zulkhairi Hj Amom and Norhaizan Mohd Esa. Anti-atherogenic potential of Nigella sativa seeds and Oil in Diet Induced Hypercholesterolemia in Rabbits. Evidence Based Complementary and Alternative Medicine. 2011. Volume 2011, Article ID 213628, 8pages. **Impact factor 2.560.**
24. **Ghanya Al-Naqeeb**, Maznah Ismail, Gururaj Bagalkotkar, Hadiza Adamu. Vanillin rich fraction regulates LDLR and HMGCR genes expression in HepG2 cells. Food Research International 43 (2010) 2437–2443. **Impact factor 7.425.**
25. Maznah Ismail, **Ghanya Al-Naqeeb** and Kim Wei Chan. Nigella sativa thymoquinone-rich fraction greatly improves plasma antioxidant capacity and expression of antioxidant genes in hypercholesterolemic rats. Free Radical Biology & Medicine 48 (2010) 664–672. **Impact factor 8.101.**
26. Maznah Ismail, **Ghanya Al-Naqeeb**, Wan Abd Aziz bin Mamat and Zalinah Ahmad. Gamma-oryzanol rich fraction regulates the expression of antioxidant and oxidative stress related genes in stressed rat's liver. Nutrition & Metabolism 2010, 7:23doi:10.1186/1743-7075-7-23. **Impact factor 3.896.**
27. Abdalbasit Adam Mariod, **Ghanya AL-Naqeeb** and Maznah Ismail. Monechma Ciliatum Extract Regulates Low-Density Lipoprotein Receptor and 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Genes Expression By In Hepg2 Cells. African Journal of biotechnology.2010. 9(36) 5813-5819. **Impact factor 0.573.**
28. **Ghanya Al-Naqeeb**, Maznah Ismail and Zeenathul Allaudin. Regulation of Low-Density Lipoprotein Receptor and 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Genes Expression by Thymoquinone Rich Fraction and Thymoquinone in HepG2 Cells. J Nutrigenet Nutrigenomics 2009; 2:163–172. **Impact factor 0.573.**
29. **Ghanya Al-Naqeeb** and Maznah Ismail. Effects of Thymoquinone Rich Fraction and Thymoquinone on plasma lipoprotein level and hepatic low-density lipoprotein receptor and 3-Hydroxy-3methylglutaryl coenzyme A reductase gene expression. Journal of Functional Foods 1 (2009) 298–303. **Impact factor 5.223.**
30. **Ghanya Al-Naqeeb** and Maznah Ismail. Regulation of Apolipoprotein A-1 and Apolipoprotein B100 Genes by Thymoquinone Rich Fraction and Thymoquinone in HepG2 Cells. Journal of Food Lipids 16(2009) 245–258.
31. **Al-Naqeeb, G.N.**, M.M. Ismail, A.S. Al-Zubairi and N.M. Esa. Nutrients composition and minerals content of three different samples of Nigella sativa L. cultivated in yemen. Asian Journal of Biological Sciences, 2009. 2: 43-48. **Impact factor 0.369.**
32. **Al-Naqeeb, G.**, M. Ismail and A.S. Al-Zubairi. Fatty acid profile, α -tocopherol content and total antioxidant activity of oil extracted from Nigella sativa seeds. International Journal of Pharmacology. 2009. 5 (4): 244-250. **Impact factor 0.751.**
33. Latifah Saiful Yazan, Wei Keat Ng, **Ghanya Al-Naqeeb**, Maznah Ismail. Cytotoxicity of Thymoquinone (TQ) from Nigella sativa Towards Human Cervical Carcinoma Cells (HeLa). Journal of Pharmacy Research. 2009, 2(4), 585-589. Impact factor 0. Citation 34.

Conferences and workshops

-DAAD-Alumni-Forum from 1 to 7 of July 2022, Wuerzburg Germany.

-Speaker in the Building Peace for Sustainability through Science Conference 1 March 2022 – 6:30 pm to 8:00 pm South Africa Standard Time (SAST).

Building Peace for Sustainability through Science

<https://us06web.zoom.us/j/laurelmilliken?pwd=Z1hjTDhxRFFjY243ZExhVGVYT2NiQT09>

-World Forum for Women in Science, 8 March 2021

Refugee and displaced scientists

<https://www.interacademies.org/news/gender-dimension-refugee-and-displaced-scientists>

-The EuroScience Open Forum (ESOF) 2020 Trieste

Permanent Insecurity: A Science International strategy to support displaced and refugee scientists and science student. Remote speaker

<https://www.esof.eu/en/speakers/speakers-details/ghanya-al-naqeb.html>

<https://www.units.it/news/esof-forced-out-welcome-european-action-researchers-risk>

<https://www.esof.eu/en/programme/programme-event-list-all-events/event-information/permanent-insecurity-a-science-international-strategy-to-support-displaced-and-refugee-scientists-and-science-students.html>

- Virtual 2020 AOCS Annual Meeting & Expo. From 29TH OG June 2020- 3rd of July 2020.

<https://www.eventscribe.com/2020/AOCS/agenda.asp?pfp=FullSchedule>.

-Workshop “Plant tissue culture technique from A to Z” 4-6 November 2019, Karlsruhe Institute of Technology, Karlsruhe. Venue: Fritz-Haber - Weg. 4, Gbd. 30.43, (5. OG, Seminarraum 506, 507), 76131 Karlsruhe.

-Workshop “Opening Doors: Peer-Mentoring and Collaborative Research”, 4-6 July 2019. Harnack Haus, Freie Universität Berlin, Germany.

<https://www.fu-berlin.de/en/sites/academicsinsolidarity/media/Archive-QM1.html>

-19th International Congress of the International Society for Ethnopharmacology (12th-14th June 2019) “Antiadipogenic properties, Chemical characterization and Genotoxicity Approaches of Pulicaria Jaubertii E. Gamal-Eldin leaves Extract Originated from Yemen.

Ghanya Al-Naqeb, Harald L. Esch, Carolin Kleider, Matthew J. Picklo Sr, Leane Lehmann: Hörsaalzentrum of the Technische Universität Dresden. 12th-14th June 2019.

<https://tu-dresden.de/mn/internationales/veranstaltungen/symposien-kolloquien/2019-international-ethnopharmacological-congress>.

-2019 Forum for Academic Freedom by the Alliance of Science Organisations in Germany: Supporting the Career Development of Researchers at Risk. 18 – 19 March 2019, Berlin Cafe Moskau, Karl-Marx-Allee 34, 10178 Berlin <https://www.cafemoskau.com/>

https://www.humboldt-foundation.de/pls/web/docs/F697314032/Programme_Forum_Academic_Freedom_2019.pdf

-2018 Scholars at Risk Network Global Congress, Freie Universität Berlin in Berlin, Germany, 23-26 April, 2018 on the theme of The University and the Future of Democracy.

<https://www.berlin-university-alliance.de/en/news/items/20180423-scholars-at-risk.html>

<https://www.humboldt-foundation.de/web/press-release-2018-10.html>

- The Role of Some Selected Yemeni Herbal Plants for Disease Prevention

July 12, 2018, 4pm | Campus Neues Palais | House 12, Room 0.39 (1.12.0.39)

Citizenship Lectures Summer 2018: Science at Risk – Scholars at Work. Centre for Citizenship, Social Pluralism and Religious Diversity. Universität Potsdam, Germany

<https://www.uni-potsdam.de/de/centre-citizenship/events/citizenshiplectures/citizenshiplecturesummer2018.html>

-2018 Threatened Researchers II – Science in Exile. December 6th, 2018 Venue: “Senate Hall”, Engelbert-Arnold Str. 2, 76131 Karlsruhe (building 11.30), KIT Campus South.
<https://www.intl.kit.edu/ischolar/11116.php>

-2016 OWSD Fifth General Assembly and International Conference on Women in Science and Technology for the Developing World 16-19 May 2016, Kuwait.
<https://owsd.net/about-owsd/conferences/5th-general-assembly-and-international-conference>

-2013- International Conference on Women in Science and Technology in the Arab Countries . Venue: Kuwait Institute for Scientific Research (KISR) April 21-23, 2013. Ghanya Al-Naqeb*, Department of Food Sciences and Technology, Faculty of Agriculture, University of Sana’a, Yemen: “stimulation of Hair Growth by The Herbal Hair Proliferator and Its Molecular Mechanisms in Vitro and In Vivo”
<http://www.sheraca.eg.net/images/conf.pdf>

-2013- The Yemeni Academic Conference on the Nutrition Study Program in Yemen, 17th to 19th December 2013. Al- Bostan Hotel, Sana`a .

-2013- Yemen’s Rural Development Agenda, Sheba hotel on Thursday, December 5th, 2013 from 8:30 am to 4.00 pm.

-2012- BIT’s 2nd Annual World Congress of Marine Biotechnology (WCMB-2012), September 20-23, 2012 in Dalian, China. “Development of Nutraceutical Isolated from Nigella Sativa Seeds for Reducing Cardiovascular Disease Risk”.
http://www.biobest.com.au/bioweb/index.php?option=com_content&view=article&id=150:annual-world-congress-of-marine-biotechnology-&catid=39:conferences&Itemid=73.

Memberships in societies and scientific committees

- OWSD Member since 2013.
- Members of the Academics in Solidarity Network/ Germany
- Members of the scholar at risk Network/Italy
- Members of the Sana'a University Females Academies Forum/Sana`a Yemen
- Member in American Oil Chemists' Society/ USA
- Member in Women in science without borders.
- Member in Arab Scientific Research Councils
- Member in Agricultural Cooperative Federation/ Yemen
- Member in Ruler women development association / Yemen
- Member in Nutrition society / Yemen

Training Courses

-2013- Sida International Training Programme “Quality Infrastructure for Food Safety”Sweden, November 17 to December 13, 2013.

-Training Courses on Nutrition Awareness and food processing and preservation in Abs (Hajah) and Zabid (Hodeidah) with UNDP as trainer. 2013

-Training Courses on Nutrition Awareness and food processing and preservation in Sana`a and Emran with UNDP as trainer. 2013

-Training Courses on Nutrition Awareness and food processing and preservation in, Hodeida with European Union Project for Technical Assistance to Tehama Development Authority, Ministry of Agriculture & Irrigation as trainer. 2012

-Training Courses on Nutrition Awareness and food processing and preservation in Dhamar and Ibb with UNDP as trainer. 2012

-Training Courses on Nutrition Awareness and food processing and preservation in Lahij with UNDP as trainer. 2012

Personal Skills and Abilities

- Experience in Genotoxicity work.
- Experience in different cells culture work.
- Experience in animal studies work (Rats, Rabbits, Mice)
- Experience in cell cancer and toxicity studies.
- Experience in molecular biology (RNA and DNA extraction, gene expression).
- Experience in operating and handling real time PCR.
- Experience in operating and handling gene expression profiler (GeXP) system
- Experience in operating SFE (Super critical fluid extraction system).
- Experience in providing training on Community-Based Management of Acute Malnutrition (CMAM).
- Experience in providing training on management of Severe Acute Malnutrition (SAM).
- Experience in providing training on management of Moderate Acute Malnutrition (MAM).
- Experience in providing training on providing supplement Feeding program for pregnant and lactating women.
- Experience in identifying training needs, plan and implement relevant trainings in nutrition.
- Experience in providing training for staff on nutrition guidelines and protocols.
- Experience in planning of dieting.
- Experience in Food processing technology.
- Experience in Food packing and labeling technology.
- Experience in Food preservation methods.

Experience in the design of small industrial units in the field of food industries.

- Experience in the development of human skills and abilities.
- Experience in rural women development.
- Experience in the formation of agricultural cooperatives.
- Able to speak and write in Arabic and English. Having basic Malay language, Dutch and Italian language.
- Proficient in Microsoft Office (Word, Power Point, Excel) and Internet Explorer.
- Familiar in web Page Building (Netscape Navigator, Front Page and HTML).
- Experience in various statistical program SPSS and GraphPad Prism 7.

Dr. Ghanya Al-Naqeb

Research fellowship holder at Centre Agriculture Food Environment
University of Trento, Italy.