Mohammad Al Tamimi, *PhD*. Functional Food.

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| Personal Statement |
| I’m a self-motivated person gained lots of experience in lab environment practicing food analysis and microbiology. In addition to, teaching in Further education I'm very able to train and empower staff to achieve their potential. I’m trained in nutritional therapy (Autism and ADHD cases) and interested in biosciences, biochemistry, molecular biology, probiotics and gastrointestinal microbiology. |

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| List of Qualifications |
| * Nutritional therapy, 2012, Oxford College (UK) |
| * Qualification in higher education, 2011, Edexcel (UK). |
| * Diploma in Team Leadership, 2009, Edexcel (UK). |
| * Diploma in Health and Social care, 2007, City & Guild (UK). |
| * **PhD Food Biotechnology, 2005, The University of Reading (UK).** * MSc Animal Production Minor Biotechnology, 1998, The University of Jordan (Jordan). * BSc Animal Production, 1992, The University of Jordan (Jordan). |
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Work Experience

2018-present Head of Nutrition and food tech Department, An-Najah National University.

2017 - 2018 Assistant professor – Department of Nutrition and Food Technology/An-Najah

2014-2016 Head of Nutrition and food tech Department, An-Najah National University.

2013-2014 Assistant professor – Department of Nutrition and Food Technology/An-Najah University:

Some of my Duties:

* Provide lectures of wide range of topics related to Nutrition, food science and microbiology.
* Conduct research related to public health and food issues.
* Participate in the department meetings to discuss relevant issues to improve the quality of teaching.
* Link with food and nutrition related institutions to enhance students’ skills and employability.

2011- 2013 Nutritional therapist in Biolab, UK.

Some of my duties:

* Attend initial assessment of autistic children and ADHD.
* Put forward nutritional plan.
* Follow up and advise on diet.
* Take part in discussions regarding treatment protocol.
* Gather information from bio tests that indicate about health status.

2003-2012 H.E Team coordinator The Loddon School (Autism boarding school), UK.

Some of my duties:

Prepare daily program.

* Conduct teaching and training as requested.
* Allocate staff to student and activity (team and time management).
* Take part in student educational plan.
* Participate in reviews of student progress.
* Liaise with different units and department for common activities and therapies.

2000-2003 Lab instructor. The University of Reading, UK.

Main duties:

* Conduct carbohydrate, protein and general food analysis.
* Enzyme protocol and kinetics.
* Supervise undergraduates and master student in their projects.
* Maintain microbial culture.

1998-2000 Office Manager.

The Palestinian Poultry Board, Ramallah.

Main duties:

* Carry out office work of registration of new members.
* Take part in pricing discussion of policy of feed ingredients.
* Represent the board in training and ministry of agriculture meeting/workshops and conferences.

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| Training and Abilities |  |
| * Health and safety at work. * HPLC. * Photospectrometry. * Gel filtration and material isolation. * Full training on Bioreactor. * DNA isolation, identification and DNA sequencing. * Gel electrophoresis, DGGE. * Florescent in situ hybridisation, FISH. * Analysis of microbial by products using GC. * First aid. * Workshop in Biotechnology and business planning. * Fire awareness. * Manual handling. * Risk assessment. | * Book author “Autism: to prevent or to cure” Arabic edition. * Book reviewer “Autism and Understanding” by Walter Solomon. * Assessing learners using a range of learning methods. * Food hygiene. * Preparing gut models, screening gut microflora. * Preparing probiotics, prebiotics and functional foods. * Team leadership. * Team management. |

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| Grants and visits |
| * Research visitor University of Reading/UK 2014 for 6 months. * Research supervisor University of Reading/UK 2016 for 2 months. * Lecturer at Federeco II University, Naples Italy 2017 for 2 weeks * supervising master students in nutrition and functional foods. |

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| References |  |
| * Mudalal Samer   Nutrition & food technology Dep.  An-Najah University Palestine  Email: [s.mudalal@najah.edu](mailto:s.mudalal@najah.edu) | * Bob Rastall   School of Food Biosciences.  Reading RG6 6AP UK.  Email: [r.a.rastall@reading.ac.uk](mailto:r.a.rastall@reading.ac.uk) |

**Publications**:

1. Effect on cholesterol content of fresh lamb of supplementing the feed of Awassi ewes and lambs with *Lactobacillus acidophilus*. Meat Science 1999 (52) pp. 381-385.
2. A preliminary appraisal of the effect of on cholesterol content of fresh ovine milk of supplementing the feed of Awassi ewes with *Lactobacillus acidophilus*. Milchwissenschaft 1999 54 (9) pp. 502-505.
3. In vitro Fermentation of sugar beet arabinan and arabino-oligosaccharides by human gut flora.Journal of Applied Microbiology 2006 (100) pp. 407-414.
4. Effect of oligosaccharides on the adhesion of gut bacteria to human HT-29 cells Anaerobe 39 ·  2016

##### [Production of Short Chain Arabinooligosaccharides by Hydrolysis of Arabinan Using a Commercial Mixed Glycanase Preparations](https://www.researchgate.net/publication/303306321_Production_of_Short_Chain_Arabinooligosaccharides_by_Hydrolysis_of_Arabinan_Using_a_Commercial_Mixed_Glycanase_Preparations?ev=prf_pub). J. Nutrition & Food sciences 2106

##### Ascorbic acid as antihypertensive agent. [International Journal of Nutritional Science and Food Technology](https://www.researchgate.net/publication/307598739_International_Journal_of_Nutritional_Science_and_Food_Technology_Corresponding_Author?ev=prf_pub). 2016.

1. Could Autism Be Associated With Nutritional Status in the Palestinian population? The Outcomes of the Palestinian Micronutrient Survey. Nutrition and metabolic insight. volume 11: 2018.