

# SARA ALASWAD

**Date of Birth** 9<sup>th</sup> august, 1989

**Nationality:** Egyptian

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## **Permanent address for correspondence**

Department of Food and dairy Sciences and Technology

Faculty of Agriculture,

Damanhur University, 22516

Egypt.

## Present Position

- Holding a position of demonstrator (research assistant)  
Department of Food and Dairy Science and Technology,  
Damanhur University, Egypt.

## Academic Background

- **B.Sc.** (Jun 2010): From Department of Food and Dairy Science and Technology, Faculty of Agriculture, Alexandria University, Egypt.  
With cumulative grade “**Excellent with honor**”.

## Courses taught

- Principles of human nutrition
- Biochemistry
- Nutrition Biochemistry
- Food chemistry
- Principles of food and dairy technology
- Food and dairy Chemistry and Analysis
- Food safety and quality control
- Food chemistry and analysis
- New aspect of preservation technology
- Food sanitation
- Functional foods.

### Research Skills

- Determination of Total Polyphenol with different methods.
- Fluorescence spectroscopy measuring the binding capacity between proteins and polyphenols.
- Determination of Lipids, Proteins, Carbohydrates, Fibers.
- Technological skills in manufacturing of different dairy products.
- Determination of Rheological Characteristics of Food and Dairy.

### Job/Work skills

- Ability to conceive and formulate relevant research hypotheses.
- Ability to translate relevant research hypotheses into carefully planned studies.
- Well-developed analytical and problem solving skills.
- Ability to priorities work and meet deadlines, while being flexible.
- Ability to innovate in research proposals and transfer it to applicable work.

### Interpersonal Skills

- Ability to collaborate with other researchers and function as part of a research team.
- How to link the work with society demands.

### Language Proficiency

- ✓ Arabic : Native language
- ✓ English : (spoken and written)

### Computer and IT Skills

Programs : Microsoft Office (Word, Excel, PowerPoint, Access)

Technical : Hardware's and Software

Statistical Analysis : graphics, SAS.

### Hobbies and Avocation

- Sports (walking, jumping and travelling)
- Works of charity and helping the community and disables
- Photography

