

# HAMAD ABU ZAHRA CV

---



## CURRENT POSSITION

King Faisal University, Al-Ahsaa-Saudi Arabia

Assistant professor – College of Science – Dept. of Biological Sciences

## EDUCATION

Kobe University, Kobe-Japan

**PhD. Agrobioscience. 2014**

Thesis title: Study on the Regulation Mechanisms of cGMP-dependent Gene Expression of Soybean Chalcone Synthase

The University of Jordan, Amman-Jordan

**Msc. Biological Sciences. 2006**

Thesis title: Micropropagation of the Wild Endangered Daffodil *Narcissus tazetta* L.

Jordan University of Science and Technology, Irbid-Jordan

**BSc. Biotechnology and Genetic Engineering. 2003**

Graduation project title: Effect of Oral Exposure of *Apium graveolens* (Celery) On The Activity of Peritoneal Macrophages of Balb/c Mice.

## MEMBERSHIPS

The Molecular Biology Society of Japan.

The National Center for Biotechnology, Jordan.

## SCHOLARSHIPS AND AWARDS

Japanese Government (Monbukagakusho:MEXT) Scholarship 2011-2014

## PUBLICATIONS AND PAPERS

**Abu Zahra, H.**, Kuwamoto, S., Uno, T., Kanamaru, K., Yamagata, H., 2014. A *cis*-element responsible for cGMP in the promoter of the soybean chalcone synthase gene. *Plant Physiol Biochem* 74, 92-98.

Oran, S. A. and **Abu Zahra, H.**, Impact of the cement dust emitted from the South Cement Factory in Tafila/Jordan on plant diversity of the surrounding area. *Intl. J. Biodiv. Conserv.* 6, 400-414.

**Abu Zahra, H.**, Doi, M., Yamagata, H., 2012, Functional analysis of cGMP/NO signaling and MYB transcription factor regulating gene expression of soybean isoflavone-biosynthetic enzymes. *Soy Prot. Res.* 15, 31-37

**Abu Zahra, H.** and Oran, S.A. 2009. Micropropagation of the wild endangered daffodil *Narcissus Tazetta* L. *Acta Hort.* (ISHS) 826:135-140

## PROFESSIONAL MEETING PRESENTATIONS

Frontier young researcher meeting, December 2013.

Poster presentation: A *cis*-element responsible for cGMP in the promoter of the soybean chalcone synthase gene.

**Hamad Abu Zahra**, Satoru Kuwamoto, Tomohide Uno, Kengo Kanamaru and Hiroshi Yamagata

Frontier young researcher meeting, December 2013.

Poster presentation: Molecular mechanisms controlling blue/UV-A light-dependent gene expression of *GmELIP*.

Satoru Kuwamoto, **Hamad Abu Zahra**, Takahiro Nogi, Tomohide Uno, Kengo Kanamaru and Hiroshi Yamagata

The 36th annual meeting of the molecular biology society of Japan (MBSJ), December 2013.

Poster presentation: *cis*-element responsible for cGMP in the promoter of the soybean chalcone synthase gene.

**Hamad Abu Zahra**, Satoru Kuwamoto, Tomohide Uno, Kengo Kanamaru and Hiroshi Yamagata

The 36th annual meeting of the molecular biology society of Japan (MBSJ), December 2013.

Poster presentation: Molecular mechanisms controlling blue/UV-A light-dependent gene expression of *GmELIP*.

Satoru Kuwamoto, **Hamad Abu Zahra**, Takahiro Nogi, Tomohide Uno, Kengo Kanamaru and Hiroshi Yamagata

Frontier young researcher meeting, December 2012.

Analysis of *cis*-element responsible for cGMP in the promoter of soybean chalcone synthase gene.

**Hamad Abu Zahra**, Tomohide Uno, Kengo Kanamaru and Hiroshi Yamagata

## **RESEARCH INTERESTS**

- Signal transduction pathways in plants.
- Studying regulation mechanisms on gene expression in soybean and *Arabidopsis*.
- cGMP mechanisms in plants.
- Medicinal plants.

## **TEACHING INTERESTS**

- General biology.
- Biochemistry/plant biochemistry.
- Molecular and cell biology.
- Botany.
- Genetics
- Cellular signaling.