

Curriculum Vita



Munqez J Y Shtaya, Ph.D

Personal information:

Date of birth: 23/06/1973

Address:

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Academic qualifications:

- Doctor of Philosophy (PhD) in Plant Breeding and Genetic Engineering. University of Córdoba, Córdoba, Spain. October 2005.
- Diploma of Specialized Post-Graduate Studies (Plant Breeding). The Mediterranean Agronomic Institute of Zaragoza. Zaragoza, Spain. June 2001.
- Bachelor of Science (BSc) in Plant Production and Protection. Faculty of Agriculture, An-Najah National University. Nablus, Palestine. February 1997.

Employment and work experiences:

- **July 2008 – July 2012:** Dean of Faculty of Agriculture, An-Najah National University, Palestine.
- **January 2006 – present:** Assistant Professor, Department of Plant Production and Protection, Faculty of Agriculture, An-Najah National University.
- **February 1997 – September 2002:** Full time research assistant at the Faculty of Agriculture Experimental Station at An-Najah N. University.

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Research interests

- Breeding of legumes and cereals for biotic and abiotic stress.
- Mechanisms of resistance.
- Gene mapping and QTL analysis.
- Plant genetic resources conservation.

Scientific publications:

- **Publications in journals with reference at SCI (Science Citation Index)**
1. Sánchez-Martín, J., Rubiales D., Flores, F., Emeran, A., **Shtaya, M.J.Y.**, Allagui, M.B., Prats, E. 2012. Identification and multi-environment validation of adaptation of oat (*Avena sativa*) cultivars to Mediterranean environments. Field Crop Research. (Submitted) (IF = 2.474)
 2. R. Basheer-Salimia, **M. Shtaya**, M. Awad, J. Abdallah and Y. Hamdan. 2013. Genetic diversity of faba bean genotypes using RAPD markers. Genetics and Molecular Research. (Under press) (IF = 1.184)
 3. Campoli, C., **M. Shtaya**, S. J. Davis and M. von Korff. 2012. Expression conservation within the circadian clock of a monocot: natural variation at barley Ppd-H1 affects circadian expression of flowering time genes, but not clock orthologs. BMC Plant Biology 2012, 12:97 (IF = 3.45)
 4. Fernández-Aparicio M., **Shtaya M.**, Emeran A.A., Allagui M.B., Kharrat M., Rubiales D. 2011. Effects of crop mixtures on chocolate spot development on faba bean grown in Mediterranean climates. Crop Protection 30: 1015-1023. (IF = 1.402)
 5. **Shtaya, M. J. Y.**, Sillero, J. C., Flath, K., Pickering, R., and Rubiales, D. 2007. The resistance to leaf rust and powdery mildew of recombinant lines of barley (*Hordeum vulgare* L.) derived from *H. vulgare* x *H. bulbosum* crosses. Plant Breeding, 126: 259-267. (IF = 1.596)
 6. **Shtaya, M. J. Y.**, Sillero, J. C. and Rubiales, D. 2006. Screening for resistance to leaf rust (*Puccinia hordei*) in a collection of Spanish barleys. Breeding Science 56, 173-177. (IF = 1.248)
 7. **Shtaya, M. J. Y.**, Sillero, J. C. and Rubiales, D. 2006. Search for partial resistance against *Puccinia hordei* in barley landraces from Fertile Crescent. Plant Breeding, 125: 343-346. (IF = 1.596)

8. **Shtaya, M. J. Y.**, Sillero, J. C. and Rubiales, D. 2006. Identification of a new pathotype of *Puccinia hordei* with virulence for the resistance gene *Rph7*. European Journal of Plant Pathology, 116 (2): 103-106. (IF = 1.413)
 9. **Shtaya, M. J. Y.**, Marcel, T. C., Sillero, J. C., Niks, R. E. and Rubiales, D. 2006. Identification of QTLs for powdery mildew and scald resistance in barley. Euphytica, 151: 421-429. (IF = 1.554)
- **Publications in journals without reference at SCI (Science Citation Index).**
1. Mohammad Sawafta and **Munqez J Y Shtaya**. 2012. Resistance of Some Tomato Species to *Orobanche aegyptiaca*. Journal of Al-Azhar University-Gaza (Natural Science). (Submitted).
 2. Talal Al Barri and **Munqez J Y Shtaya**. (2013). Phenotypic characterization of faba bean (*Vicia faba* L.) landraces grown in Palestine. Journal of Agricultural Science, 5: 110-117
 3. Omar Abo Baker and **Munqez J Y Shtaya**. 2013. Identification of resistant sources to crown rust (*Puccinia coronata*) in oat. An-Najah University Journal for Research (Natural Sciences). Under press.
 4. Rezaq Basheer-Salimia, Murad Awad, Yamen Hamdan and **Munqez Shtaya**. (Accepted). Genetic variability of some Palestinian fig (*Ficus carica* L.) genotypes based on pomological and morphological descriptors. An-Najah University Journal for Research (Natural Sciences). Under press.
 5. **Munqez J. Y. Shtaya** and Fernando Martínez. 2011. Identification of QTL Involved in Resistance of Barley Seedling to Scald (*Rhynchosporium secalis*). Hebron University Research Journal (A), 5: 49-62
 6. **Shtaya, M. J. Y.** 2009. Characterization of new sources of resistance in some Palestinian barley landraces against *Blumeria graminis* f.sp. *hordei* under controlled and field conditions. Journal of Al-Azhar University-Gaza (Natural Science), 11: 51-58.
 7. Josefina C. Sillero, S. Carmona, F. Martínez, **M. Shtaya**, A. del Olmo, A. Moral and D. Rubiales. 2007. Partial resistance to leaf rust in Spanish landraces of wheat, barley and oat. In: The COST SUSVAR workshop on varietal characteristics of cereals in different growing systems with special emphasis on below ground traits. Edited by Hanne Østergård and Géza Kovács. Velence, Hungary.

8. Shtaya, M. J. Y., Sillero, J. C. and Rubiales, D. 2006. Search for resistance against *Blumeria graminis* f.sp. *hordei* in barley landraces from Fertile Crescent. Barley Newsletter, 49. <http://wheat.pw.usda.gov/ggpages/BarleyNewsletter/49/>

Teaching Experiences:

- Under graduate students (BSc): Protected agriculture, Principles of Genetics, Biotechnology, and Plant Breeding.
- Post graduate students (MSc): Plant biotechnology, Advanced plant breeding

Participation in research projects:

- Project title: Integrated European Project (FP6) Grain Legumes (New strategies to improve grain legumes for food and feed)
FP6-2002-FOOD-1-506223.
2004 - 2008.
General Coordinator: Noel Ellis (JIC-UK)
- Project title: Integrated oat production in the Mediterranean Basin under the Azahar Program: Physiological, phytopathological, and agronomical approaches.
Ref. AGL2007-65031/AGR
2007 – 2010.
General Coordinator: Elena Prats (IAS-CSIC)
- Project title: Circadian clocks and stress adaptation in barley.
2012-2014
General Coordinator: Seth Davis (Max Planck Institute for Plant Breeding, Köln, Germany).

Courses/Conferences Attended

- The 6th International conference (Intellectual property rights in agriculture). Amman, Jordan. 18-19/9/2012
- The Scientific Conference for Agricultural Research (SCAR2012). Faculty of Agriculture, An-Najah National University, Nablus, Palestine. 25/3/2012

- The 1st international conference on olive in Palestine: Status and challenges. Tulkarm, Palestine. 8-10 February 2011.
- The 1st agricultural conference of the Agricultural Engineers Association (Agriculture in Palestine: Reality and Challenges), An-Najah National University, Nablus, Palestine. 23 December 2009
- The 1st workshop on: Horticultural productivity in Palestine: Current status and future challenges in education, outreach and applied research. Bethlehem University, 19-20 March, 2009.
- The 6th European Conference on grain legumes “Integrating Legume Biology for Sustainable Agriculture” Lisbon, Portugal. 12-16 November, 2007.
- The 6th Jordanian Agricultural Scientific Conference (Safe agriculture to human health and environment), Amman, Jordan, 9-12 April, 2007.

Other scientific activities:

- Membership of the editorial team for Journal of Plant Breeding and Genetics (<http://escijournals.net/JPBG/index>)
- Membership of the editorial team for Journal of Developmental Biology and Tissue Engineering (<http://www.acadjourn.org/JDBTE/Email.htm>).
- Trainer of 15 youth students in agriculture principles and agricultural practices. The project was organized by Nablus Municipality and in cooperation with The Glocal Forum. Nablus, Palestinian Territories. 2006-2007
- Trainer of 25 agricultural engineers in postharvest technology. Ministry of Agriculture, Tulkarm, Palestinian Territories. June 2007.

Skills:

A good knowledge of the following software systems:

- Windows (Microsoft word, PowerPoint and Excel).
- The Statistical Analysis System (SAS).
- Statistix 8.0.
- MAPQTL version 5.0 modified from version 3.0.

Scholarships and Prizes:

- An-Najah Research Award. 2012.
- The German Academic Exchange Service (DAAD) scholarship for short scientific visits, provided to study the circadian clock and stress adaptation in barley (*Hordeum vulgare* L.). 15th of June – 30th of July, 2009.
- The Spanish Agency for International Cooperation (AECI), provided for Doctoral study. 2002-2005.
- The International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), provided for a Specialized Post-Graduate Studies in Plant Breeding. 2000-2001.

Languages:

Language	Speaking	Reading	Writing
Arabic	<i>Mother tongue</i>		
English	Excellent	Excellent	Excellent
Spanish	Excellent	Excellent	Excellent