# Curriculum Vitae


**Name:** ***MOHAMED HELMY AMINE EL- SHAL***

**Job:** ***Researcher***

## Addresses:

- National Gene Bank (NGB),

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## Personal Data:

- **Date of Birth**: 20 of March 1979
- **Place of Birth**: GHARBIA- Egypt
- **Nationality:** Egyptian
- **Sex:** Male
- **Marital Status**: married

## Education:

**Ph.D** Plant breeding**,** Agriculture science**,** Faculty of agriculture, Banha University, Egypt

**Thesis title:** characterization and evaluation of some wheat genotypes under drought stress (2012).

**M. Sc.** Plant breeding**,** Faculty of agriculture, Al Azhar University, Cairo, Egypt

**Thesis title**: Studies on yield and its components in some wheat crosses.(2006)

**B. Sc.** Agriculture science**,** Faculty of agriculture Khafr el Sheek barnch, Tanta University, Tanta, Egypt (2000).

## Experience:

1. Management, maintaining and conservation of plant genetic resources in gene bank.
2. Plant breeding.
3. Plant physiology.

## Training courses:

1. An expert in the area of morphological characterization for field crops in Saudi Arabia 2-21/5/2015 in gene bank.
2. Bank of plant germplasm Information Management for Documentation of Genebank Management, Gap Analysis and Mining Genetic Resources for Useful Traits" Training course offered in Rabat, Morocco 09-20 March 2015.
3. Training on "Building National Capacities in National Plant Genetic Resources Knowledge Network"15-16 February 2015.
4. Training on "National Plant Genetic Knowledge Networks for Strengthening Regional Cooperation and Knowledge Sharing" 29Aug - 4 Sept. 2014Cairo – Egypt.
5. Program of the Training Course" Utilization of Molecular Markers for PGRFA Characterization and Pre-Breeding for Climate Changes" Aug. 31st- Sept. 4th, 2014.
6. Lecture at course training" Activities Management of Gene Bank" from 14-25/04/2014, Egypt, held by Arab Organization for Agriculture Development (AOAD).
7. Lecture at course training" Activities Management of Gene Bank" from 14-25/04/2013, Egypt, held by Arab Organization for Agriculture Development (AOAD).
8. BioDivMex Workshop: Mediterranean Biodiversity, Conservation & Sustainable Development September 2012, Gozo – Malta.
9. Refresh course "The role of Plant Genetic Resources in Climate Change Adaptation" Germany (IPK), from the 17th to the 22nd of may 2010.
10. Summer School; abiotic stress in Hannover University Germany, from 1/7/2007 to 13/7/2007.
11. Management of plant genetic resource, IPK-Gatersleben, Germany, from Oct., 2005 until Oct, 2006.
12. Biotechnology techniques in Martin- Luther University, Germany2006.
13. Theoretical and practical basic course development oriented biotechnology / PGR (Germany).
14. Flax, hemp, wood and other fibers / characterization and utilization of natural fibers

Industrial production (Germany).

15. Morphological characterization and evaluation for all crops.
16. Plant taxonomy (Egypt).
17. Egyptian flora (Egypt).
18. Data base (Egypt).

## Publication:


1. **El-Shal M. H. (2015)**. Correlation and Path Coefficient Analyses in Durum Wheat genotypes( pass).
2. **Arab S. A., M. H. El-Shal and N. M., Hamed (2015).** Evaluation of some alfalfa (*Medicago sativa L.)* germplasm for yield and yield component traits.*Egypt.J. Agro. Vol.37,No.1,pp.69-78.*
3. **El- Shal M.H., E.M. Habib and S. A. Arab (2014).** Estimation of combining ability and gene action in some Egyptian wheat landraces. *Egypt. J. Agron.* ***Vol. 36****, No. 2, pp 205 - 217.*
4. **Arab, S.A., Abeer Elhalwagi and M. H. El Shal (2013).** Morphological and chemical characterization of thirty seven faba bean genotypes. Egypt J. plant breeding. 17(5):97-105
5. **Arab S. A. and M. H. El-Shal (2013).** Diversity of Alfalaf in the Oases of western desert in Egypt. Egypt J. plant breeding. 17(4):99-112
6. **El Shal M. H., Marwa M. El nahas, R.M. Khalaf and S. A. Arab (2013).** Breeding for the ideal type of grain yield in triticale using diallel analysis.Minufiya J.Agric.Res.Vol.38 No.5:1125-1137**.**
7. **Abeer Elhalwagi, R.M. Khalaf, M. H. El-Shal and S. A. Arab (2012).** Morphological and Chemical assessment study for alfalfa (Medicago Sativa L.) accessions. Egypt J. plant breeding.16(4)27-43.
8. **EL-Hosary.A.A.; M.EL.M.EL-Badawy; .A.K .Mustafa and El-Shal, M.H. (2012).** Breeding bread wheat for tolerance to drought stress. Minufiya. J. Agric. Res. Vol. 37 No. 2:351-369.
9. **EL-Hosary.A.A.; M.EL.M.EL-Badawy; .A.K .Mustafa and El-Shal, M.H. (2012).** Relation of heterosis to genetic diversity based on SSR analysis in common wheat under drought stress. Egypt J. plant breeding. 16(1):19-40

## Partener in projects:

| Date | Sponsor | | Projects |
|---|---|---|---|
| 2011 | ARDF | | **Sustainable utilization of agriculture biodiversity to develop the local communities in the western desert.** |
| 2013 | STDF | | **Conservation and Utilization of Egyptian will Flora to Improve Salinity Tolerance In Cereals.** |
| 2013 | FAO | | **Optimizing the Use of Plant Genetic Resources for Food and Agriculture for Adaptation to Climate Change** |
| 2014 | ITPGRFA | Co-PI | **sustainable use of landraces and genetic resources to improve wheat tolerance to heat stress for food security** |

## Referees:

- **Prof. Dr. Hanaiya El-Itriby**

  President of National Gene Bank and Genetic Resources, Focal point of ITPGRFA

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- **Dr.Reda M.Rizk** PGR Consultant, Arab Organization for Agriculture Development Dr.redarizk@gmail.com ,

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