

5, Hassan Abd El-Mawgood St
Tersa St, El Haram,
Giza, Egypt. Postal code: 12613

Mobile:00201014464674
Mohannad.dardiry@evobio.eu
Mohannad.mostafal@gmail.com



Mohannad Mostafa Sayed Dardiry

Personal data

Nationality: Egyptian **Date of birth:** 22nd, December 1989
Place of birth: Cairo, Egypt **Marital status:** Married **Gender:** Male

Education

- April - August 2015** Second master's thesis at Institute of Molecular Genetics of Montpellier(IGMM),Centre National de la Recherche Scientifique(CNRS), Dr.Robert Feil, Montpellier, France.
- Sep. 2014 - March 2015** First master's thesis at Friedrich Miescher Laboratory- Max Plank Society- Dr. Frank Chan,Tuebingen, Germany.
- March -August 2014** Master's student, MEME program for evolutionary biology, Ecology, evolution and systematic department, LMU, Munich, Germany.
- Courses:** - Basic evolutionary genomics (1.7/5) very good
- Advanced evolutionary genomics (2/5) very good
- Evolutionary ecology modeling (1.3/5) Excellent
- Evolutionary medicine (1.3/5) Excellent.
-Besides two lab rotations.
- Sep. 2013- Feb.2014** Master's student,MEME program for evolutionary biology, Evolutionary biology center,Uppsala, Sweden.
- Courses:** Evolutionary process (4/5) very good
Evolutionary patterns (5/5) Excellent
- 17-25/ Aug 2013** Summer school, MEME master's program for evolutionary biology,Groningen University, The Netherlands.
- Feb 2012-July2013** MSc. student at Genetics Department, Faculty of Agriculture, Cairo University (Courses. 1 lab rotation)
- May-Aug. 2011** Postgraduate diploma "Global studies and management", Al Sawy culture institute, Egypt, Saqia academy for cultural management
Grade: Excellent (89.8%)

2006-2010

Bachelor of Biotechnology (English section), Faculty of Agriculture, Cairo University, Egypt. **Ranking:** First on (2010) batch, **Grade:** Excellent with rank of honor (90.77%), **GPA:** 3.8.

Languages

- **Arabic**(native)
- **English** TOEFL iBT "Score: 94" – Advanced English level, American University, Cairo (AUC), Egypt.
- **Swedish** (Basic) - **German** (Basic) - **French** (Basic)

Professional Experience

- Oct. 2011 - Jun. 2012** - **Assistant staff member** at strategic and planning committee for environmental and society services (only one assistant staff member under the age of 30), Faculty of Agriculture, Cairo University (CU), Giza, Egypt
- Jul. 2011-April 2013** - **Research assistant** at plant molecular genetics and cytology laboratory (PMGCL), Genetic engineering research center (GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.
- Jan. 2011 – now** - **Teaching assistant** at genetics department, Faculty of Agriculture, Cairo University, Giza, Egypt.
- Oct. 2010-Feb 2011** - **Research Assistant** at plant tissue culture and transformation laboratory (PTCTL), (GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.

Research Experience

- April - August 2015** - Robert Feil group, IGMM, CNRS, Montpellier, France "Evolution and chromatin regulation of the *Dlk1-Dio3* imprinted mammalian domain"
- Sep. 2014- March 2015** - Frank Chan group, FML, MPI, Tübingen, Germany 'Dissection of *cis* and *trans* components of gene regulatory network evolution in different mouse strains'
- July - August 2014** - John Prasch group, LMU, biozentrum, Munich, Germany 'Functional analysis of gene regulation in *Drosophila melanogaster*'

- April - June 2014** - Nicolas Gompel group, LMU, biozentrum Munich, Germany
"Examine P- element transformation system efficiency in *Drosophila biarmipes*"
- Jul.2011– April 2013** - (GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.
"Generation of salt-tolerant Egyptian superior soybean cultivar expressing phospholipase C protein (PLC 2)"
- Oct.2010-Feb 2011** - (GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.
"Propagation of soybean cultivars using tissue culture techniques."
- 16th -27th Apr. 2012** - Study visit to federal republic of Germany
"Research Institutes and Organic Farms "
Funded by Deutscher Akademischer Austausch Dienst (DAAD)

Courses and workshops

- November 2010** **1- International workshop "Advanced molecular biology techniques in plants"**(GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.
- 13th -20th Feb 2010** **2- International workshop "Recent advances in biotic Stress tolerance in plants "**"International Center for genetic Engineering and Biotechnology (ICGB), (GERC), Faculty of Agriculture, Cairo University (CU), Giza, Egypt.
- Sep 2009** **3- Practical training course "Food microbiology"**, Microbiology laboratory (MBL), Microbiology Department, Faculty of Agriculture, Cairo University, Giza, Egypt
- Aug 2009 (2 weeks)** **4- Sessions "organic farming: principles and future"**
Central lab of organic farming, Agriculture research center (ARC), Giza, Egypt
- Aug 2009 (2 weeks)** **5- Exchange funded program with Florence University,**
Italy "Modern agriculture challenges at Mediterranean region"
- 19th -30th Jul. 2009** **6- International workshop "Advanced molecular biology and biotechnology techniques "**, Agricultural Genetic Engineering Research Institute (AGERI), Agricultural Research Center (ARC), Giza, Egypt.
- Jun 2008 (2 weeks)** **7- Workshop "Tissue culture techniques"**(GERC), Faculty of Agriculture, (CU), Giza, Egypt.

Jun-jul.2007

8-Internship “Rhizobacteria interactions with plants” Environmental studies research unit (ESRU), (FA), (CU) Giza, Egypt.

Trainee” Developing teaching and communication practices”

Faculty and leadership developing center (FLDC), Cairo University Giza, Egypt 10th -13th Jul 2011 - 26th-29th Jul 2012

Lab experience

Molecular biology techniques:

- Total nucleic acid (DNA and RNA) from plant and animal tissues.
- Miniprep plasmid isolation.
- Polymerase chain reaction (PCR), RT-PCR, inverse PCR and real time PCR.
- Agarose and polyacrylamide gel electrophoresis.
- Cross linking ChIP, ChIP seq.
- Quantification methods like Nanodrop, bioanalyzer, and Qubit.
- Heat shock bacterial transformation and X-gal screening.
- Agrobacterium and biolistic-based plant transformation as well as fly transformation via embryonic microinjection.
- Dissection of both flies and mouse embryos.
- Plant tissue culture and media preparation.
- Stem cell culture
- RNAseq library preparation.

Bioinformatics skills:

- Handling and analyzing next generation sequencing datasets.
- Basic shell scripting and R.- Basic alignment and sequence conservation tests.

Contact references

1-**Professor John Parsch**,: Faculty of biology, Ludwig Maximilian University of Munich, Munich, Germany. E-mail: parsch@zi.biologie.uni-muenchen.de

2- **Dr. Frank Chan**; Friedrich Miescher Laboratory- Max Plank Society, Tuebingen, Germany. E-mail: frank.chan@tue.mpg.de

3- **Professor Robert Feil**; The Institute of Molecular Genetics of Montpellier(IGMM), Centre National de la Recherche Scientifique (CNRS), Montpellier, France. Email:robert.feil@igmm.cnrs.fr

Academic or field-related achievements

- Erasmus Mundus scholarship for studying master's degree in Europe, MEME program for evolutionary biology.(2013-2015)
- Awarded a certificate of honor for being ranked 1st **biotechnology bachelor program 2010 batch.**
- Awarded certificate of honor for being ranked 2nd **Faculty of Agriculture, CU. 2010 batch.**
- 1st place, Genetics department presentation competition, (FA), (CU) intitled “Nano biotechnology and future”(2008)
- 2nd place at Shora's competition between faculties of Agriculture around Egypt.(2009)
- Ideal student, Faculty of Agriculture (FA), Cairo University (CU)(2010)
- Ideal supervisor for the project "science and life", community development competition for students, (FA), (CU) (2013)

Field related conferences and activities

- April 2015 - ongoing** **Attendant** weekly molecular biology journal club at IGMM, CNRS, Montpellier, France.
- Sep. 2014 -March 2015** **Attendant** weekly Evo-Devo journal club at Max Planck institute for developmental biology, Tuebingen, Germany.
- Nov.2012** **Member of the organizing committee** "international conference for genetic modified crops and food ", Egyptian biotechnology center (EBIC), Cairo university, Giza, Egypt.
- June 2009** **Member of the organizing and scientific committee** "The 4th conference of challenges in agriculture modernization", Faculty of Agriculture, Cairo University, Giza, Egypt.
- June 2008** **Organizer** "International Symposium on Egyptian flora as anti-carcinogenic agents “with co-operation of Hiroshima University (Japan) , Cairo University, Giza, Egypt.
- Jan. 2008** **Attendant** "international conference for applications of biotechnology University of Modern Sciences and Arts, Cairo, Egypt.

Extracurricular activities

- Founder and human resources head “You Turn “Group (social and cultural developing aims) 2009 –now
- Head “Enlightencommittee “at (Friends of world agriculture, undergraduate student activity). 2007
- Founder of future building team (student activity with educational aims) 2008
- Planned & directed (First biotechnology day) at Cairo University. 2009
- Planned and directed (Microbiology101) event “Latest microbiology aspects “2010

- Presented a scientific topic in Midwest Universities consortium for international activity project funded by United State Agency for International Development (USAID) with the participation of Florida University. 2009
- Introduced a session about “Swine Flu “at Al Yosr Primary school. 2009
- Presented different sessions at (Al Sawy Institute, Cairo University) about human development and creativity. 2009-2010-2011-2012
- Participated in the organizing team of “The1st and 2nd Egyptian-German Cooperation symposia ", Cairo University. 2008-2012
- SIFE member, student activity (Marketing committee). 2008
- Member of International youth dialogue association (Al Maadi , Cairo, Egypt) 2010
- Participated at (AL ELM QWAH) initiative for literacy, with Sonaa Al Hiah association, Cairo, Egypt. 2012
- Leading and supervising 6 months"seeds of life" project for increasing students awareness, preparatory schools, toward their role in community development. 2013