



<u>Personnel information :</u>	<p>Name: Marina Atef George. Date of birth: 24 January 1989. Marital status: Engaged. Nationality: Egyptian. Address: 5st aly bin aby taleb shoubra. Current City: Cairo, Egypt.</p>
<u>Objective</u>	A challenging opportunity in biotechnology _or related field where my academic background, training experience and personal skills can be applied and further enhanced.
<u>Contact information :</u>	<p>Mobile :(+2)0118626966. Home :(+202)22055508. E-mail: marina@niles.edu.eg.</p>
<u>Education :</u>	<ol style="list-style-type: none"> 1- M.Sc. in Photochemistry and Photobiology, thesis entitled " optimization of Gene delivery using laser and nano materials: In Vitro study" (NILES) - Cairo University 2- Pre M.Sc. in Photochemistry and Photobiology, (NILES) - Cairo University. 3- Diploma in Photochemistry and Photobiology, (NILES) - Cairo University. 4- College: Faculty of Sciences Biotechnology / Bio molecular chemistry department, Cairo University graduation year 2010 with GPA: 3.63, order on colleagues (4th) excellent with honor. 5- High school: American diploma St. Joseph private language school with GPA 4.5 and el Obour language school.
<u>Training Courses :</u>	<ol style="list-style-type: none"> 1- Training in National Research Center (NRC): <ul style="list-style-type: none"> • Plant tissue culture. • Application of Plant Cell Culture to Production of Secondary Metabolites. • Effect of biotic and Abiotic stress on accumulation of secondary metabolites. • Extraction of Plant Secondary Metabolites. • High performance liquid chromatography (HPLC). • Microbial Cell. 2- Training in The Holding Company for Biological Products & Vaccines (VACSERA): <u>Stem cell research lab</u> Cell culture, laminar air flow, hybridoma technique. <u>Virology lab</u> Fully automated ELISA technique for detection of HBS Ag, HIV Ab, HCV Ab, syphilis. <u>Diagnostic Lab</u> ELISA /ELISPOT /Flow cytometry.

	<p><u>Confirmatory Diagnostic Lab</u> Training in Principle and application of Real Time PCR.</p> <p><u>Molecular biology Lab</u> Introduction to molecular biology / Extraction of nucleic acid / PCR techniques Gel electrophoresis / High speed automated Centrifuge / U.V transilluminator. NRC.</p> <p>Fermentation technology/plant cell culture.....etc.</p> <p>3- Training in medical genetic center 6 weeks.</p> <ul style="list-style-type: none"> • Taking the peripheral blood or bone marrow. • Then setup. • Then harvest blood using colsemid. • Then put in hypotonic solution. • Fixing 3 times. • Slide making for forward to chromosomal study and imaging for analysis. • Also I trained how to setup FISH. <p>4- 2 day training in the GUC (German university in Cairo) biotechnology labs.</p> <p>5- A training on HPLC, Atomic absorption, G.C., Microbial analyses , biological analyses, water analyses and U.V.in the micro analytical center faculty of sciences Cairo university.</p>
<u>Projects</u>	<p>STDF-DAAD Plasmonic Nanoparticles for improved photodynamic activity of photosensitizing agents At Germany/ Jena Paradise IPHT institute</p>
<u>Professional Experience :</u>	<p>1- Learning all syllabus in English.</p> <p>2- Lecturer having the ability of making presentations.</p> <p>3- Making posters and presenting them in a scientific organized simple method.</p> <p>4- Excellent interpersonal communication skills.</p> <p>5-Capable of working successfully with both groups and independently.</p>
<u>Computer skills :</u>	<p>1- ICDL (Microsoft office 2007: word, power point, access, excel, internet) In the Cairo Academy.</p> <p>2- Adobe Photoshop CS4 in the Coptic Orthodox Bishopric of Youth.</p> <p>3- Skills Development in the Coptic Orthodox Bishopric of Youth.</p> <p>4- Leadership and management.</p>
<u>Working experience:</u>	<p>1. Working in National Institute of Laser Enhanced Science (NILES) Cairo University as Assistant Lecturer at photobiology and photochemistry division (3 October 2011 till now).</p> <p>2. Working in Agriculture Genetic Engineering Research Institute (AGERI) more than 8 Months (10 February 2011 to 10 October 2011).</p> <p>3. Working as medical representative in Egy Chem company (15 December 2010 to 31 March 2011).</p> <p>Working as chemical analysis at EL Khazndara shoubra/Egypt hospital (1 July 2010 to 1 December 2010).</p>

<u>Practical skills :</u>	<u>Handling good the following techniques:</u> <ol style="list-style-type: none"> 1- Polymerase chain reaction (PCR). 2- Gel electrophoresis. 3- Polyacrylamide gel electrophoresis (PAGE). 4- Interpreting data coming from (nuclear magnetic resonance (NMR) , Mass Spectrometry, Ion exchange chromatography). 5- Northern and southern plot. 6- Plant tissue engineering. 7- How to set up stem cell experiment. 8- Protein Purification using chromatography columns. 9- fluorescence spectroscopy, electron and optical microscopy.
<u>Languages:</u>	<ol style="list-style-type: none"> 1- Mother language: Arabic. 2- First language: English (speaking and writing fluently). 3- TOEFL with score 572 4- Second language: (French speaking and writing fair).
<u>Referees:</u>	<ol style="list-style-type: none"> 1. Taher Salah, Ph.D., Associate Prof. of Nanotechnology Manager of Nanotechnology & Advanced Materials Central Lab. (NAMCL) 9 El Gamaa St., Giza, Egypt. B.O.Box: 588 Orman Cell phone: +2 0100 1030534 fax: +2 02 35713250 Facebook :http://www.facebook.com/#!/taher.salah1 E-mail: T1salah@hotmail.com / T1salah@yahoo.com 2. Salwa Sabet ,Ph.D., Associate professor of Molecular Biology, Faculty of Science, Cairo University Cell phone: +2 01221041628 E-mail: salwasabet@gmail.com 3. Tareq Youssef, Ph.D. Professor of Biophysics National Institute of Laser Enhanced Science (NILES) - Cairo University Gamaa St., P.Code 12613, Giza-Egypt Tel (Office): +20-2-3567 5233, (Room No. 404) Tel (Lab) : +20-2-3567 5239, (Room No. 423) Cell : +20-122 1000 33 Fax : +20-2-35729499 http://scholar.cu.edu.eg/?q=tareqyoussef/ E-mail: tareq.youssef@niles.edu.eg 4. Matthias Thiele MSc. Leibniz Institute of Photonic Technology (IPHT) Dept. Nano Biophotonics Albert-Einstein-Straße 9 07745 Jena / Germany Phone: +49-(0)3641-206 360 E-mail: matthias.thiele@ipht-jena.de


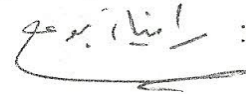


شهادة خبرة

يشهد معهد بحوث الهندسة الوراثية الزراعية - مركز البحوث الزراعية- وزارة الزراعة و استصلاح الاراضى بأن الانسة/ مارينا عاطف جورج الحاصلة على بكالوريوس علوم تخصص بيوتكنولوجيا / كيمياء حيوية جزيئية بتقدير عام امتياز مع مرتبة شرف عملت بذات المعهد بصفة مؤقتة اعتبارا من 2011/2/10 حتى 2011/10/6 و خلال هذه الفترة اكتسبت خبرات فى مجالات التكنولوجيا الحيوية و الهندسة الوراثية و منها :

1. DNA and RNA extraction
2. Polymerase Chain Reaction (PCR)
3. Molecular markers (i.e. SSR, RAPD and AFLP)
4. Automated DNA Sequencing
5. Training on Real Time PCR
6. Protein and DNA electrophoresis
7. DNA cloning
8. Training on theoretical aspects of next-generation DNA sequencing

و قد حررت هذه الشهادة بناء على طلب سيادتها دون ادنى مسؤولية على المعهد.

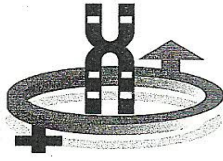
الرئيس المباشر: 
رئيس القسم: 

مدير معهد بحوث الهندسة الوراثية الزراعية



أ.د. دينا الخشن

تعريفاً فى: ٢٠١١/١٠/٧



Medical Genetics Center
مركز الوراثة الطبي

Certificate of training


This is to certify that Marina Atef George had successfully completed six weeks training program in cytogenetics, from July, 11, 2009 to August, 22, 2009. She was exposed to all stages of chromosomal study including culture setup, harvesting, slide making, banding, and karyotyping.

Miss Marina is a dedicated hard worker, highly motivated, goal-oriented student of lovely personality and creativity. She has also demonstrated a solid educational background and a remarkable ability in lab experimentation.

Yours sincerely

Director of Medical Genetic center

Ezzat Elsobky, MD, FACMG


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Director of training program

Ghada Mohamad Elsayed, MD

