


**Tarek Kapiel, B.Sc., M.Sc., Ph.D. Plant Biotechnology**  
*Curriculum Vitae*  
**Résumé**

**PERSONAL INFORMATION**

<b>Name:</b>	<b>Tarek Yehia Soliman Kapiel</b> B.Sc., M.Sc., Ph.D. (Plant Biotechnology) Assistant Professor of Plant Biotechnology, Freelance Science Editor, Translator, and Digital Artist.	
<b>First name:</b>	<b>Tarek</b>	
<b>Family name:</b>	<b>Kapiel</b>	
<b>Sex:</b>	Male	
<b>Date of birth:</b>	1 <sup>st</sup> April, 1964	
<b>Place of Birth:</b>	Port-Said, Egypt	
<b>Nationality:</b>	Egyptian	
<b>Tel. (Mobile):</b>	00966-552819624, KSA.	
<b>Current Position:</b>	- Assistant Professor, Biology Department, Faculty of Arts and Science, Al-Baha University, Baljurashy, Kingdom of Saudi Arabia - Assistant Professor (Lecturer) at Botany and Microbiology Department, Faculty of Science, Cairo University (on leave).	
<b>Contact Address:</b>	- Biology Department, Faculty of Science and Arts, Al-Baha University, Baljurashy, Kingdom of Saudi Arabia.	
<b>Websites:</b>	<a href="http://scholar.cu.edu.eg/tkapiel">Cairo University Scholars: http://scholar.cu.edu.eg/tkapiel</a> <a href="https://www.linkedin.com/in/tarekkapiel/">Linkedin: sa.linkedin.com/in/tarekkapiel/</a> <a href="https://www.facebook.com/tkapiel">Facebook: https://www.facebook.com/tkapiel</a> <a href="https://twitter.com/tkapiel">Twitter: https://twitter.com/tkapiel</a> <a href="http://about.me/tkapiel">About me: http://about.me/tkapiel</a> <a href="https://www.researchgate.net/profile/Tarek_Kapiel/?ev=hdr_xprf">Researchgate: https://www.researchgate.net/profile/Tarek_Kapiel/?ev=hdr_xprf</a> <a href="https://cairo.academia.edu/TarekKapiel">Academia: https://cairo.academia.edu/TarekKapiel</a>	
<b>e-mail:</b>	<a href="mailto:tkapiel@sci.cu.edu.eg">tkapiel@sci.cu.edu.eg</a> , <a href="mailto:tkapiel@gmail.com">tkapiel@gmail.com</a> , <a href="mailto:tarekkapiel@hotmail.com">tarekkapiel@hotmail.com</a> , Skype: dr.tkapiel.	
<b>Military Service:</b>	Attended 1986 - 1988.	

**EDUCATION**

Date from - to	Institution & Qualifications
1979 - 1982	General Certificate of Secondary Education (Equals G.C.E).
1982 - 1986	<b>B.Sc.</b> degree in Botany (Awarded a <b>Very Good</b> marks, The 1 <sup>st</sup> of the rank). Botany Department, Faculty of Science, Cairo University.
1988 - 1989	Successfully passed postgraduate courses as partial fulfillment for the master degree in Cytology and Genetics.
1989 - 1996	<b>M.Sc.</b> degree in Genetics and Cytology. The thesis title is: "The production of Cantaloupe (Cucumis melo L.) Salt-Resistant Calli and Cell Lines through Genetic Engineering Techniques". Botany Department, Faculty of Science, Cairo University.
1998 - 2004	Ph.D. degree in Genetics and Cytology. The thesis Title is: "Production of Autotetraploid Watermelons using Molecular and Cytogenetic Approaches". Clemson University, SC., USA and awarded from Botany Department, Faculty of Science, Cairo University.

## LANGUAGE SKILLS

Language	Reading	Speaking	Writing
ARABIC	Native (Excellent)	(Excellent)	(Excellent)
ENGLISH	(Excellent)	(Excellent)	(Excellent)
GERMAN&FRENCH	Fair	Fair	Fair

## PROFESSIONAL EXPERIENCE

Date from - to	Location	Institution / University	Position	Description
1987 - 1988	Egypt	Egyptian Army	Teacher	Teaching
1988 -1996	Egypt	Cairo University	Teaching Assistant	Teaching and Research
1988 -1996	Egypt	NRC	Researcher	Research
1990 - 1996	Egypt	Cairo University	Lecturer Assistant	Teaching and Research
1998 - 2000	Egypt	GEBRI, Menofiya University	Member of Research Project	Research
1998 - Present	Global	Many Arabic Journals, Magazines and Websites.	Freelance Writer	Freelance writer, Editor and Scientific correspondent
2000 - 2001	USA	Clemson University	Visiting Scientist	Teaching and Research
2001 - 2003	USA	Clemson University	Visiting Professor	Teaching and Research
2001 - 2003	USA	Governor School of Science and Mathematics	Mentor	Teaching and Research
2001 - 2003	USA	Southern Sun Biosystems	Expert	R & D
2004 - Present	Egypt	Cairo University	Associate Professor	Teaching and Research
2005 - 2010	Egypt	Cairo University	Academic Advisor for Student Registration	Administration
2005 - 2008	Egypt	Faculty of Dentistry, MSA University	Associate Professor	Teaching
2005 - 2008	Egypt	Faculty of Biotechnology, MSA University	Program Leader	Program Leader
2005 - 2008	Egypt	Faculty of Dentistry, MSA University	Associate Professor	Teaching
2006 - to 2010	Egypt	Cairo University	Head of Cytology and Genetic Division	Administration
2006 - Present	Global	World Journal of Agricultural Sciences	Associate Editor	Referee and Editor
IDOSI International Digital Organization for Scientific Information <a href="http://www.idosi.org/wjas/wjas.htm">http://www.idosi.org/wjas/wjas.htm</a> , <a href="http://www.idosi.org/wjas/wjasa.htm">http://www.idosi.org/wjas/wjasa.htm</a>				
2006 - Present	Egypt	Journal of Biotechnology Research	Member of the Editorial Board and Reviewer	Editing & Reviewing
<a href="http://www.arabbiotech.net/magazine">http://www.arabbiotech.net/magazine</a>				
2008 - 2009	USA	COPUS an organization committed to public understanding of science, Year of Science 2009.		National coordinator
<a href="http://www.copusproject.org/yearofscience2009/international.php">http://www.copusproject.org/yearofscience2009/international.php</a>				
2008 – 2010	Egypt	Academy of Scientific Research & Technology (ASRT)	Supervisor of the Technology Development Sector and Scientific Services	Administration
2008 – 2010	Egypt	(ASRT)	Advisor of the President of ASRT	Administration
2008 – 2010	Egypt	Science Magazine (El-elm)	Member of the Editorial Board	Editor

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

2008 – Present	United Kingdom	AuthorAID	Mentor	Mentoring
AuthorAID helps researchers in developing countries to publish and otherwise communicate their work. It also serves as a wider global forum to discuss and disseminate research. <a href="http://www.authoraid.info/author/tkapiel">http://www.authoraid.info/author/tkapiel</a>				
2009 – 2010	Dubai, UAE	Biotechnology University College (BUC), Dubai, UAE	Registrar and Academic Faculty Administration	Teaching and Research
2009 – 2010	Egypt & Jordan	The Egyptian National Committee of Synchrotron Light Applications	Member	Research
2009 – Present	Egypt	Scientific Training Center	Consultant and Advisor	Consultations
2009 – Present	Global	African Journal of Biotechnology	Reviewer	Referee
2009 – Present	Global	Journal of Plant Breeding and Crop Science	Reviewer	Referee
2009 – Present	Global	Journal of Development and Agricultural Economics	Associate Editor	Referee and Editor
<a href="http://www.academicjournals.org/jdae/Editors.htm">http://www.academicjournals.org/jdae/Editors.htm</a>				
2009 – Present	Egypt	Journal of Biotechnology Research	Member of the Editorial Board	Referee and Editor
<a href="http://www.arabbiotech.net/magazine">http://www.arabbiotech.net/magazine</a>				
2012 – Present	KSA	Northern Borders University	Reviewer of Research Projects	Referee
<a href="http://www.nbu.edu.sa/">http://www.nbu.edu.sa/</a>				
2012 – Present	England, Egypt	Nature, Arabic Edition	Freelance Science Translator	Professional Scientific Translation
<a href="http://arabicedition.nature.com/">http://arabicedition.nature.com/</a>				
2010 – Present	Egypt	Arab Biodiversity Committee (ABC) in AEOL, The Encyclopedia of Life (EOL) in Arabic.	Member	Editing & Reviewing
<a href="http://www.bibalex.org/NB2010/Home/StaticPage.aspx?page=28">http://www.bibalex.org/NB2010/Home/StaticPage.aspx?page=28</a> <a href="http://eol.org/">http://eol.org/</a>				
2010 – Present	KSA	Al Baha University, Faculty of Science and Arts, Al Baha university, KSA	Assistant Professor	Administration, Teaching and Research
2010 – 2013	KSA	Al Baha University, Faculty of Science and Arts, Al Baha university, KSA	Secretary General of Biology Department	Administration, Teaching and Research
2011 – Present	Egypt	Reviewer for the BA/CSSP research grants.	Reviewer	Reviewing
2013	KSA	Al Baha University, Faculty of Science and Arts, Al Baha university, KSA	Commissioner Head of Biology Department	Administration, Teaching and Research
2013 – Present	England, Qatar, Lebanon	Reviewer of Scientific Articles Arab Scientific Community Organization	Editor & Reviewer	Editing & Reviewing
2013 – Present	Jordan	Editor in "TAGI-PEDIA"	Editor & Reviewer	Editing & Reviewing
2013 – Present	USA	Editorial board member of the <i>International journal of Modern Biology and Medicine</i>	Editorial board member	Editing & Reviewing
<a href="http://www.modernscientificpress.com/Journals/IJBioMed.aspx">http://www.modernscientificpress.com/Journals/IJBioMed.aspx</a>				
2013 – Present	Egypt	<i>Journal of Genetic Engineering and Biotechnology</i>	Reviewer	Reviewing
<a href="http://www.journals.elsevier.com/journal-of-genetic-engineering-and-biotechnology/">http://www.journals.elsevier.com/journal-of-genetic-engineering-and-biotechnology/</a>				
2013 – Present	Denmark	The Labster Ambassador	Ambassador	Promote science

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

		Program		teaching.
2013 – Present	USA	Coursera	Translator	Translation of Courses
2013 – Present	England	Arab Scientific Community Organization	Advisor	Advisor
<a href="http://arsco.org/home/Details?entityID=9bf2ecd5-9585-4540-942d-6ad623370659&amp;resourceId=2fbc2ad4-57f3-42b7-8e72-005b95494f91&amp;r=0.24433740834166745">http://arsco.org/home/Details?entityID=9bf2ecd5-9585-4540-942d-6ad623370659&amp;resourceId=2fbc2ad4-57f3-42b7-8e72-005b95494f91&amp;r=0.24433740834166745</a>				
2014 – Present	India	Disease Journal	Reviewer	Reviewing
<a href="http://www.springer.com/life+sciences/microbiology/journal/13337#">http://www.springer.com/life+sciences/microbiology/journal/13337#</a>				
2014 – Present	Egypt	Reviewer for the BA/CSSP Research Grants 2014 Proposals	Reviewer	Reviewing
2014 – Present	Egypt	BioVision Alexandria 2014 - Poster Session Reviewer	Reviewer	Reviewing
2014 – Present	USA	VRI-Bioinformatics & Proteomics (VRI-BP)	Technical Editor	Editing & Reviewing
<a href="http://vedicjournals.com/index.php/BP/about/editorialTeam">http://vedicjournals.com/index.php/BP/about/editorialTeam</a>				
2014 – Present	USA	VRI- Phytomedicine (VRI-PM)	Member of Editorial Board	Editing & Reviewing
<a href="http://vedicjournals.com/index.php/PM/about/displayMembership/18">http://vedicjournals.com/index.php/PM/about/displayMembership/18</a>				
2014 – Present	USA	Advances in Plants & Agriculture Research	Member of Editorial Board	Editing & Reviewing
<a href="http://medcraveonline.com/APAR/editorial-board">http://medcraveonline.com/APAR/editorial-board</a>				
2014 – Present	India	VirusDisease Journal	Reviewer	Reviewing
<a href="http://www.springer.com/life+sciences/microbiology/journal/13337#">http://www.springer.com/life+sciences/microbiology/journal/13337#</a>				
2015 – Present	Taylor & Francis, Group, USA.	GM Crops & Food: Biotechnology in Agriculture and the Food Chain	Reviewer	Reviewing
<a href="http://www.tandfonline.com/action/journalInformation?journalCode=kgmc20#.VO4xQ9SUcuI">http://www.tandfonline.com/action/journalInformation?journalCode=kgmc20#.VO4xQ9SUcuI</a>				
2015 – Present	KSA	3 Biotech	Reviewer	Reviewing
<a href="http://www.springer.com/chemistry/biotechnology/journal/13205">http://www.springer.com/chemistry/biotechnology/journal/13205</a>				
2015 – Present	Avens Publishing Group, USA	The Journal of Analytical & Molecular Techniques	Member of Editorial Board	Editing & Reviewing
<a href="http://www.avensonline.org/pharmaceutical/analytical-molecular-techniques-pharmaceutical/editorial-board-23/">http://www.avensonline.org/pharmaceutical/analytical-molecular-techniques-pharmaceutical/editorial-board-23/</a>				
2015 – Present	Germany	Springer, SpringerOpen and BioMed Central journal	Reviewer	Reviewing
2015 – Present	Symbiosis Group, USA	Symbiosis Journal of Biotechnology (SJB)	Member of Editorial Board	Editing & Reviewing
<a href="http://www.symbiosisonlinepublishing.com/biotechnology/">http://www.symbiosisonlinepublishing.com/biotechnology/</a>				

## SCIENTIFIC JOURNALISM AND REVIWING

Date from - Date to	Location	Institution / university	Position	Description
1998 - to date	Arab Countries	Many Arabic Journal, Magazines and Websites.	Freelance Writer	Freelance writer & Scientific correspondent
2014 – Present	Egypt	El Watan Newspaper / <b>جريدة الوطن</b>	Columnist	Writer
<a href="http://www.elwatannews.com/editor/334">http://www.elwatannews.com/editor/334</a>				
<b>Scientific writing</b>	- Published more than 300 articles (in Arabic and English) in magazines, journals, Newspapers, and Websites about science and related issues. These articles covered many hot topics in modern science, such as genetic engineering revolution, biotechnology, nanotechnology, bioinformatics, medicine, agriculture, information technology etc...			

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	- <b>The list of Publication of Arabic Articles is furnished at your request.</b>
<b>Experience</b>	- Working as Freelance writer in Arabic Journal, Magazines and Websites for more than 15 years. - Working as Scientific Advisor of the “ <b>Green Apple</b> ” Program, MBC Satellite Channel.
<b>Editing</b>	Member of the Editorial Board for “Science” magazine (El-Elm in Arabic) Published by the Academy of Scientific Research & Technology (ASRT) and Member of the Editorial Board of the African Journal of Biotechnology. Referee of the Journal of Development and Agricultural Economics and Associate Editor of the Journal of Plant Breeding and Crop Science.
<b>Workshops</b>	- Science Journalists Training Workshop, Cairo International Book Fair, 11–13 October 2009, Egypt. - Science Journalists Training Workshop, Nile Hotel, Cairo, Egypt, 15 <sup>th</sup> January, 2009.
<b>Labster</b>	Translated website into Arabic, <a href="http://www.labster.com/?lang=ar">http://www.labster.com/?lang=ar</a> The Labster Ambassador Program is a global community of selected Labster users and advocates who volunteer their time and knowledge to promote easily accessible, affordable and engaging science teaching around the world.
<b>Moutarjam</b>	Translator & Editor at Moutarjam. <a href="http://www.moutarjam.com">www.moutarjam.com</a>
<b>Arab Science Journalists Association</b>	<b>Founder member and member</b> of Arab Science Journalists Association, and active Member of Membership Committee. <a href="http://tech.groups.yahoo.com/group/arabsciencejournalists/">http://tech.groups.yahoo.com/group/arabsciencejournalists/</a>
	Member of The International Federation of Science Journalists.
	Member of the Organizing Committee of The 7 <sup>th</sup> World Conference for Science Journalists.

## RESEARCH EXPERIENCE

Date	Research Experience
1989 -1990	M.Sc. Student and Research Assistant in Cytology Lab. NARP, NRC, Egypt.
1990-1996	M.Sc. Student and Research Assistant in Department of Genetic Engineering and Biotechnology, NRC, Egypt.
1996-2000 2003-2004	Research Assistant, Botany Department, Faculty of Science, Cairo University, Egypt.
2000-2003	Visiting Scientist and Researcher, Department of Horticulture, Clemson University, South Carolina, USA.
2001-2003	R&D Expert, Southern Sun Bio-systems, South Carolina, USA.
2004 - Present	Researcher, Botany Department, Faculty of Science, Cairo University.
2004 - to date	Head of Research at Cytology and Genetic Division, Botany Department, Faculty of Science and Supervisor of More than 10 M.Sc. and Ph.D. Thesis.
2010 - to date	Supervisor of Student Activity Biology Department, Faculty of Arts and Science, Al-Baha University, Baljurashy, Kingdom of Saudi Arabia.
2013 - to date	Member of many research Project in Faculty of Arts and Science, Al-Baha University, Baljurashy, Kingdom of Saudi Arabia.

## PROFESSIONAL ACTIVITIES

### Research Projects

Date	Research Project
1998 -2004	Research Assistant and member of Research team at GEBRI (Genetic Engineering And Biotechnology Research Institute) Minufiya University, Sadat City. ULP Project, No. 104/93 (Genomic and Genetic manipulation of watermelon and melon to increase the economic diversity) between GEBRI and Clemson University, USA.



- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

2005 - 2007	Member of Research team at Botany Department, Faculty of Science, Cairo University, Egypt. Project Title: "Conservation and Sustainable Use of Medicinal Plants: The North Eastern Desert and the Red Sea Coast".
2009 - 2012	Member of Research team of the "EMAP" Project (EDIBLE, MEDICINAL AND AROMATIC PLANTS), PEOPLE MARIE CURIE ACTIONS, FP7-PEOPLE-2009-IRSES, "EMAP"-FP7-2009.
2009 – 2011	Member of the "InVentConnect" Project, ASRT, FP7-2009.
2009 – 2011	SESAME-Collaboration Center of Excellence at Cairo University In The Field of Structural Biology. (Proposed and submitting to the funding agencies).
2013	Detecting Genetically Modified Plants and the Bio-Safety Assessment of GM-Derived Food and Feed. (Proposed and submitted to a funding agency).
2013	Production of Pharmacologically Active Natural Compounds from Some Egyptian Plants Raised Under Economic Propagation Techniques. (Proposed and submitted to a funding agency).
2013	The use of environmentally safe approaches to produce transgenic melon plants resistant to Zucchini yellow mosaic potyvirus (ZYMV). (Proposed and submitted to a funding agency).
2013	Implementing Biotechnological Applications for the Production of Anti-Alzheimer Agents (Nervonic acid and DHA) from Egyptian Plants. (Proposed and submitted to a funding agency).
2013	Redirection of Photosynthesis to Produce Hydrogen as Fuel. (Proposed and submitted to a funding agency).
2013	Improvement of Drought Tolerance in Lentil through Genetic Transformation (Proposed and submitted to a funding agency).
2013-2015	Member of Research Project entitled "Effect of photoperiod and melatonin on reproductive efficiency of animals", Al Baha Univeristy.
2013-2015	Member of Research Project entitled "Effect of photoperiod and melatonin on reproductive efficiency of animals", Al Baha Univeristy.

## PROFESSIONAL ACTIVITIES

### Training Courses and Workshops

Date	Training Course or Workshop
January 6 -18, 1990	Sponsored by CIDA supported project (CEMARP) of CANADA and the Ministry of Agriculture and Land Reclamation (Egypt), Successfully completed a Plant Science Training Course in "TISSUE CULTURE TECHNIQUES", (The 1 <sup>st</sup> of the rank), McGill University, <b>Canada</b> .
July 15 - August 5, 1991	Sponsored by UNIDO & ICGEB, Successfully completed a Plant Science Training Course in "PLANT TRANSFORMATION" ICGEB, New Delhi, <b>India</b> . (This course included 28 lab session and 16 lectures)
November 17 -28, 1991.	Sponsored by ROSTAS (UNESCO) and NARP (ARC) attended an INTERNATIONAL TRAINING COURSE ON THE USE OF RFLP'S AND PCR FOR CROP IMPROVEMENT, NARP, ARC, Egypt.
November. 1991	Lab Assistant in a plant science training course in "GENETIC ENGINEERING AND BIOTECHNOLOGY", Dept. Of Genetic Engineering and Biotechnology, NRC, Egypt.
November 1992	Lab Assistant in a plant science training course in "PRINCIPALS OF GENETIC ENGINEERING", Dept. Of Genetic Engineering and Biotechnology, NRC, Egypt.
May 2-12, 1994	Sponsored by FAO (RNEA) ROSTAS (UNESCO) and (ARC) Successfully completed a "REGIONAL TRAINING COURSE ON TISSUE CULTURE AND MICROPROPAGATION IN PLANTS WITH SPECIAL EMPHASIS ON DATE PALM", AGERI, ARC, and Egypt. (This course included 20 lab session and 12 lectures).
September 24 - 28, 1994	Sponsored by AraBN (Arab Biosciences Network) (RNEA) & Jordan University of Science and Technology Participated in "THE WORKSHOP ON PLANT TISSUE

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	CULTURE", The Center for Agricultural Research and Production, Jordan University of Science and Technology, <b>Jordan</b> . (This course included 20 lab session and 12 lectures).
19-31 July 1997	Sponsored by Institute of Plant Genetics & Crop Research (Gastralleben) and Marten-Lothar Univ. (Halla) Germany, Participated in "Egyptian-German training course on plant biotechnology", the (GEBRI institute) Menoufia Univ.
6-16 September, 1997	Attended a Plant Science Training Course in "GENE TRANSFER TO PLANTS, Genetic Engineering Center, Faculty of Agriculture, Cairo University, Egypt.
1-14 February 1999	Sponsored by Biotech. Center, Univ. Technology Niugini, North of Australia, Participated in "Training course on plant biotechnology and conservation of genetic resources", (GEBRI institute) Menoufia Univ.
12-15 December 2004	Attended a Plant Science Training Course on "APPLICATION OF CYTOGENETICS AND GENETIC ENGINEERING IN BIOTAXONOMY, Center for genetic Engineering, Fac. Sci. Al-Azhar University, Nasr city, Cairo, Egypt.
24 <sup>th</sup> March 2005	Attended a Training Course on "THE SIXTH FRAMEWORK PROGRAM FP6 (AT A GLANCE), COMMUNITY RESEARCH & DEVELOPMENT INFORMATION SERVICE AND HUMAN RESOURCES AND MOBILITY (MARIE CURIE ACTION), Academy of Scientific Research and Technology Egyptian Information Point (Egyptian InP).
6 <sup>th</sup> November 2008	Workshop on Water Resources Management, Japan-Egypt Science and Technology Year 2008 (JESTY-08), Nile Ballroom, Fourseasons Nile Plaza Hotel, Cairo, Egypt.
8 <sup>th</sup> November 2008	Nanobiotechnology Workshop, Japan-Egypt Science and Technology Year 2008 (JESTY-08), Cairo University, Faculty of Science, Giza, Egypt.
16 <sup>th</sup> November 2008	Workshop on Molecular and Conventional Breeding To Improve Forages For Use In Animal And Biofuel Production Systems, Japan-Egypt Year of Science and Technology. AGERI hall, ARC, Egypt.
10 <sup>th</sup> January, 2009	YeEgypt-Italy Science year (EISY09) Launching Ceremony at Bibliotheca Alexandrina, Egypt.
4-6 January, 2009	1 <sup>st</sup> international joint conference on Materials science, Nanotechnology and Biotechnology - MNB 09 - Future Challenges - National Research Centre (NRC), Egypt.
15-19 March, 2009	International Workshop on Nuclear Science and Education. Organized by The Center of Nuclear Science and its Peaceful Applications In collaboration with Faculty of Science, Cairo University, Egypt.
14-15 June, 2009	The Opening Ceremony of the "Joint cooperation project on Solar Energy with the Italian National Agency for New Technologies, Energy & the Environment (ENEA)" and the Scientific Workshop "Concentrating Solar Power Technologies", New & Renewable Energy Authority (NREA), Cairo, Egypt.
28-30 September, 2009	Introduction to Nanotechnology and its Applications. National Research Centre (NRC) Cairo, Egypt.
29 <sup>th</sup> September, 2009	Science Webinar on "Advancing Cell Biology: Understanding the Cell Through New Technologies". <a href="http://www.sciencemag.org/webinar/">http://www.sciencemag.org/webinar/</a>
17-18 October, 2009	The 2 <sup>nd</sup> International Conference for Applications of Biotechnology, (ICAB-2009), October University for Modern Sciences & Arts (MSA), Egypt.
22 <sup>nd</sup> October, 2009	The Seminar of Rice Waste Management at National Research Centre Thursday, Cairo, Egypt.
26-28 October, 2009	Workshop on Writing and management of FP7 projects for Mediterranean Partner Countries Scientists and Administrative officers. C.I.H.E.A.M. Mediterranean Agronomic Institute of Bari, Via Ceglie, 9 - Valenzano (BA), 70010 – <b>Italy</b> .
28 <sup>th</sup> October, 2009	Science <b>Webinar</b> on "From Genes to Proteins: The Impact of Gene Sequence on Translation and Expression". Special lives, interactive webinar presentation by the Science/AAAS Business Office. <a href="http://www.sciencemag.org/webinar/">http://www.sciencemag.org/webinar/</a>
1-2 November, 2009	Investment in Arabic Brains, the 3 <sup>rd</sup> Workshop on Management of Innovation and

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	Support Creativity and Innovation, held by the LAS in cooperation with WIPO, Cairo, Egypt.
9 <sup>th</sup> November, 2009	Science and Societies Information, Cairo University Conference Center, Cairo, Egypt.
10 <sup>th</sup> November, 2009	Science <b>Webinar</b> on "microRNA Research Design: Strategies from the Experts." Special lives, interactive webinar presentation by the Science/AAAS Business Office and sponsored by Exiqon. <a href="http://www.sciencemag.org/webinar">http://www.sciencemag.org/webinar</a>
20 <sup>th</sup> November, 2009	Workshop on IR Spectroscopy. 8 <sup>th</sup> SESAME (Synchrotron light for Experimental Science and Applications in the Middle East) USERS MEETING, Petra, <b>Jordan</b> .
10 - 11 December, 2009	WIPO's International Convention on Intellectual Property and Competitiveness of Micro, Small and Medium-Sized Enterprises (MSMEs), Consiglio Nazionale dell'Economia e del Lavoro, Rome, <b>Italy</b> .
March 2013	" <b>Impacts of genomics and other 'omics' for the crop, forestry, livestock, fishery and agro-industry</b> , FAO. The FAO Biotechnology Forum.
December 2 - 3, 2014	<b>A Virtual Ebola Reporting Workshop</b> targeted specialized and non-specialized journalists in territories directly and indirectly affected by the Ebola Virus Disease (EVD). The workshop is coordinated by the World Federation of Science Journalists (WFSJ) with support from U.S. Department of State.
March, 2015	Academic Onefile. Saudi Digital Library
March, 2015	Saudi Digital Library Your Gate to Knowledge World. Saudi Digital Library.
April, 2015	ResearcherID Promote you research. Saudi Digital Library.
April, 2015	Searching Wiley Resources. Saudi Digital Library
April, 2015	McGraw Hill Access Medicine Training. Saudi Digital Library.
April, 2015	ClinicalKey Find the answers to your questions. Saudi Digital Library.
April, 2015	Your essential tools from BMJ. Saudi Digital Library.
April, 2015	Safari Books Online Training. Saudi Digital Library.
April, 2015	Taylor and Francis Journals Enrich your research. Saudi Digital Library.
April, 2015	Definition of Dar Al Manzoma rules and methods of using it. Saudi Digital Library.
April, 2015	CABI. Saudi Digital Library.
April, 2015	Explore Oxford Scholarship Online. Saudi Digital Library.
April, 2015	Taylor and Francis Journals Enrich your research. Saudi Digital Library.
April, 2015	Explore Oxford Scholarship Online. Saudi Digital Library.
April, 2015	Cambridge Journals Online. Saudi Digital Library.
April, 2015	Discovering Oxford Academic Studies on the Internet. Saudi Digital Library.
April, 2015	Research to Publication The Basics. Saudi Digital Library.
May 2015	Oxford Journals and Oxford Scholarship Online as you have never experienced before. Saudi Digital Library.
May 2015	Supporting teaching learning and research in the library. Saudi Digital Library.
May 13-14, 2015	<b>Genetics and Genomics</b> . The theme of this conference is a range of genetics and genomics topics such as RNAi, Next-generation sequencing, Cancer research, Sequencing, Genome-wide association studies GWAS, Epigenetics, Mapping, Exomes, Genomic medicine, Human Genome Structural Variation, Pharmacogenetics, DNA/RNA Purification, Mutations, Translational Genomics, Bioinformatics, Genotyping, Pharmacogenomics, Screening, Cloning, Gene Expression, Phenotyping, Transcription, Functional Genomics, Synthetic Biology, Genome Engineering, Immunology, qPCR/Real-Time PCR, PCR, Biomarkers, Stem Cell research, Human Identification, Bioproduction, Molecular Diagnostics and much more. <a href="http://labroots.com/virtual-event/id/5#">http://labroots.com/virtual-event/id/5#</a>
July 20, 2015	<b>CME Online Genetics: Molecular Genetic Testing Methods</b> . THE HARVARD MEDICAL SCHOOL. July 20, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.



- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

July 20, 2015	<b>CME Online Down Syndrome: Healthcare Updates for the Primary Care Pediatrician.</b> THE HARVARD MEDICAL SCHOOL. July 23, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 21, 2015	<b>CME Online Genetics: Dilated Cardiomyopathy.</b> THE HARVARD MEDICAL SCHOOL. July 21, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 23, 2015	<b>CME Online Genetics: Hypertrophic Cardiomyopathy.</b> THE HARVARD MEDICAL SCHOOL. July 23, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 23, 2015	<b>CME Online Genetics: Hereditary Breast Cancer.</b> THE HARVARD MEDICAL SCHOOL. July 23, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 23, 2015	<b>CME Online Genetics: Myoclonic Epilepsy of Infancy.</b> THE HARVARD MEDICAL SCHOOL. July 23, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 23, 2015	<b>CME Online Arrhythmogenic Right Ventricular: Cardiomyopathy (ARVC).</b> THE HARVARD MEDICAL SCHOOL. July 23, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 24, 2015	<b>CME Online Genetics: Williams-Beuren Syndrome (WBS).</b> THE HARVARD MEDICAL SCHOOL. July 24, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.
July 24, 2015	<b>CME Online Genetics: Usher Syndrome.</b> THE HARVARD MEDICAL SCHOOL. July 24, 2015. This activity was designated for 1.0 AMA PRA Category 1 Credit™.

## PROFESSIONAL ACTIVITIES

### Conferences

Date	Conference
1991	Egyptian Society of Genetic Engineering 3 <sup>rd</sup> Annual Meeting, NRC, Egypt.
24-25th Jan, 1994	The AGERI/ABSP Intellectual Property Rights Workshop. Forte Grand Hotel, Giza, Egypt.
January, 26-27, 1994	The AGERI/ABSP UNIDO Regional Biosafety Workshop. Forte Grand Hotel, Giza, Egypt.
April, 1995	The Second Conference For Research Projects, Cairo University, Egypt.
1997	Genetic Engineering and Plant Pathology, AGERI, Giza, Egypt. December.
January, 4-7, 1997	4 <sup>th</sup> International conference on new trends in chemistry, Cairo.
March, 2-3, 1997	2 <sup>nd</sup> International conference on the role of Universities in community and environmental development. Cairo University.
May, 5-7, 1997	The Eighth Congress of Phytopathology, AGERI, Egypt.
Feb, 13-16, 1998	2 <sup>nd</sup> Euro-Mediterranean conference on application of photobiology and laser technologies in medicine and environment, Cairo,
Feb 7-9, 2001	Attended Ag Expo. Myrtle Beach, South Carolina, USA.
April, 4-6, 2004	BioVision Alexandria 2004, Bibliotheca Alexandrina, Alexandria, Egypt.
April, 8-11, 2004	Oral presentation of 2 papers. The International Conference of Genetic Engineering & Its Applications, Sharm El-Sheikh, South Sinai, Egypt.
January, 10-14, 2005	Attended ICLA Fifth International Conference on Laser Applications, NILES, and Cairo, Egypt.
Nov. 30-Dec. 2, 2006	The Egyptian National Committee of Synchrotron Light Applications Workshop on: "Synchrotron Applications in Macromolecular Crystallography" Cairo, Egypt.
May 4-9 July, 2006	Academy of Scientific Research & Technology (ASRT) & Faculty of science, Cairo University Summer School on "Protein Crystallography and Drug Design"
Nov. 17-22, 2008	SESAME & Japan Society for the Promotion of Science (JSPS) school conference,

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	Egypt on “Synchrotron light Applications” and practical lectures and PC on “Structural biology” training on: Practice of crystallization experiment, Simulation of diffraction experiments at SR beamline and Practice of data processing using softwares: Adxv, imosflm, scala(ccp4i) and scheck (ccp4i).
<b>Nov. 20-21, 2008</b>	SESAME 7 <sup>th</sup> Users’ Meeting, Egypt on “Synchrotron light Applications”, SESAME & Japan Society for the Promotion of Science (JSPS) school conference, Egypt on “Synchrotron light Applications”.
<b>Nov. 24, 2008</b>	Specialists meeting at the kickoff “Heliopolis Academy Innovation Award, INNOVA” are an RDI-Scheme 2 project under the umbrella of European-Egyptian Innovation Fund (EEIF).
<b>28<sup>th</sup> March 2009</b>	Member of the Organizing Committee of the 1st “Biotechnology Day”, New Program Biotechnology/Bimolecular Chemistry Division, Faculty of Science, Cairo University.
<b>July, 1<sup>st</sup>, 2009</b>	MEDA GO TO EUROPE, National Training, ARC main auditorium, AGER.
<b>28-30 September, 2009</b>	“Introduction to Nanotechnology and its Applications”: Fall Courses Program & Workshop (FCPN09) Organized by Egyptian Society of Advanced Materials and Nanotechnology (ESAMNT) & Centre of Excellence for Advanced Sciences (CEAS), National Research Centre.
<b>October 1<sup>st</sup>, 2009</b>	Member of the Organizing Committee of the First Biotechnology Symposium for Biotechnology Students”, and Chair of the Environmental biotechnology Session, New Program Biotechnology/Bimolecular Chemistry Division, Faculty of Science, Cairo University.
<b>3 -5 October 2009</b>	13 <sup>th</sup> International Conference & Exhibition Medicinal and Aromatic Plants- Access to Tomorrow's World. Egyptian Society For The Producers, Manufacturers & Exporters of Medicinal & Aromatic Plants, Agricultural Research Center, Agricultural Genetic Engineering Research Center, Ministry of Agriculture, Giza, Egypt.
<b>3-5 November, 2009</b>	3 <sup>rd</sup> International Conference of Genetic Engineering & Biotechnology Research Division: Biotechnology for Better Life. National Research Centre (NRC), Cairo, Egypt.
<b>15–16 November, 2009</b>	International Conference of Genetics & Genomics for Crops Development in the Mediterranean Area. The Agricultural Research Center, (AGERI Hall), Cairo Egypt.
<b>19-21 November, 2009</b>	8 <sup>th</sup> SESAME (Synchrotron light for Experimental Science and Applications in the Middle East) USERS MEETING, Petra, Jordan.
<b>December 2009</b>	Meeting: International Convention on Intellectual Property and Competitiveness of of (MSMEs) WIPO. December 10 to December 11, 2009 (Rome, Italy) Wipo – italy international convention on intellectual property and competitiveness of micro, small and Medium-sized enterprises (msmes).
<b>March 2010</b>	Speaker, Regional Seminar, at Al Bassel Fair Activities in innovation and invention. Al Bassel Fair, Invention and Innovation, Syria.
<b>Biovision 2010. April 2010 – 2010</b>	Speaker, Bibliotheca Alexandrina, Alexandria, Egypt. <a href="http://www.bibalex.org/bva2010/speakers/SpeakerDetails.aspx?m=1&amp;sp=x0C0rucX+aByeKNT4vwOw==">http://www.bibalex.org/bva2010/speakers/SpeakerDetails.aspx?m=1&amp;sp=x0C0rucX+aByeKNT4vwOw==</a> <a href="http://www.bibalex.org/bva2010/Attachments/Speakers/Presentations/Tarek%20Kapiel%20Innovation%20and%20Invention%20Development/Tarek%20Kapiel%20Innovation%20and%20Invention%20Development.swf">http://www.bibalex.org/bva2010/Attachments/Speakers/Presentations/Tarek%20Kapiel%20Innovation%20and%20Invention%20Development/Tarek%20Kapiel%20Innovation%20and%20Invention%20Development.swf</a>
<b>November 2012</b>	Invited as Innovation and Invention Expert, and a representative of Al Baha University to attend the inauguration of the i2 Institute and engaged in three workshops facilitated around innovation, leadership and entrepreneurship, learning from and ideating with the fellow speakers, each other, and the wider community of the Institute. I had fruitful discussions with Dr. Hayat Sindi, the Founder and CEO, of i2 Institute, UNESCO Goodwill Ambassador for Sciences and her team, and with the International intellect speakers from around the world.
<b>June 11, 2014</b>	Panelist in “Debate what's wrong with GM?”. a live text debate on genetically modified (GM) organisms hosted by SciDev.Net. <a href="http://www.scidev.net/global/gm/multimedia/GM-debate.html">http://www.scidev.net/global/gm/multimedia/GM-debate.html</a>
<b>May 12, 2015</b>	7th QNRF Annual Forum. Qatar National Research Fund. A member of Qatar

## TEACHING EXPERIENCE

<b>1987 - 1988</b>	Teaching Mathematics and Language (on Military Service)
<b>1988 -1996</b>	Teaching Assistant and Lab. Instructor in Plant Tissue Culture, Plant Biotechnology, Plant Genetics, Plant Cytology, Plant Anatomy, Plant Morphology, Plant Physiology, Systematic Botany, Plant Taxonomy, Plant Ecology, Crops, Pollen Grains, Mycology, Bacteriology and Virology.
<b>1996 -2000</b>	Assistant Lecturer in the above mentioned courses.
<b>2000 - 2003</b>	Visiting Scientist, Department of Horticulture, Clemson University, South Carolina, USA. Vegetable Teaching Crop Breeding.
<b>2000 - 2003</b>	Lecturer Assistant in Collaborative Learning Environment (CLE) course in Horticulture Department, Clemson University, USA. Teaching Pant Cell and tissue Culture.
<b>2001 - 2003</b>	Mentor in Governor School of Science and Mathematics, South Carolina, USA. Teaching Pant Cell and tissue Culture.
<b>2004 - 2005</b>	Develop and teach Post Graduate Course in plant Biotechnology. Botany Department, Faculty of Science, Cairo University.
<b>2004 - 2007</b>	Member of Science Sector Committee Research team, Faculty of Science, Cairo University, Egypt in Quality Assurance & Accreditation Project (QAAP), Project # 4, Project Title: "Development of Academic Reference Standards for Basic Sciences Education in Egypt."
<b>2004 - 2007</b>	Develop and teach a theoretical course in "Principals of Human Genetics", Faculty of Dentistry, MSA University.
<b>2005 - 2007</b>	Develop and teach theoretical and practical courses in "Introductory Botany", Faculty of Biotechnology, MSA University.
<b>2005 - 2008</b>	Develop and teach theoretical and practical courses in "Botany", Faculty of Dentistry, MSA University.
<b>2005 - 2008</b>	Develop and teach theoretical and practical courses in "Genetics", Faculty of Biotechnology, MSA University.
<b>2006 - 2008</b>	Develop and teach theoretical and practical courses in "Cell and Tissue Cuture", Faculty of Dentistry, MSA University.
<b>2005 - 2007</b>	Develop and teach theoretical and practical courses in "Cell Biology", Faculty of Biotechnology, MSA University.
<b>2005-2007</b>	Develop and teach theoretical and practical courses in "Cell hysiology", Faculty of Biotechnology, MSA University.
<b>2006- 2010</b>	Develop and teach a theoretical course in "Plant and Animal Genetics", Faculty of Science, New Program Biotechnology/Bimolecular Chemistry Division, Cairo University.
<b>2007 - 2010</b>	Develop and teach Post-Graduate Course in "Plant Tissue Culture and Biotechnology". For Plant Physiology, M.Sc. students, Botany Department, Faculty of Science, Cairo University.
<b>2007 - 2010</b>	Develop and teach Post-Graduate Course in "Plant Tissue Culture and Biotechnology". For Plant Genetics and Cytology, M.Sc. students, Botany Department, Faculty of Science, Cairo University.
<b>2008 - 2010</b>	Develop and teach Post-Graduate Course in "Cell Differentiation and Cellular Interaction". For Plant Genetics and Cytology, Ph.D. students, Botany Department, Faculty of Science, Cairo University.
<b>2008 - 2010</b>	Develop and teach Post- Graduate Course in "Cytological and Cytochemical Analysis". For Plant Genetics and Cytology, Ph.D. students, Botany Department, Faculty of Science, Cairo University.
<b>2008 - 2010</b>	Develop and teach Post- Graduate Course in "Biochemistry of the Nucleus". For

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	Plant Genetics and Cytology, Ph.D. students, Botany Department, Faculty of Science, Cairo University.
2008 - 2010	Develop and teach a theoretical and Practical Course in “Genetic Engineering of Plants” (BioT315). For 3 <sup>rd</sup> year Students, Faculty of Science, New Program Biotechnology/Bimolecular Chemistry Division, Cairo University.
2009 - 2010	Develop and teach a theoretical Course in “GMOs and Biosafety Regulations” (BioT413). For 4 <sup>rd</sup> year Students, Faculty of Science, New Program Biotechnology/Bimolecular Chemistry Division, Cairo University.
2009 - 2010	Develop and teach a theoretical Course in “Cell Analysis” for Ph.D. Students, Faculty of Science, Cytology and Genetic Division, Cairo University.
2009 - 2010	Develop and teach a theoretical Course in “Plant Biotechnology I” for M.Sc. Students, Faculty of Science, Cytology and Genetic Division, Cairo University.
2009 - 2010	Develop and teach a theoretical Course in “Plant Biotechnology II” for Ph.D. Students, Faculty of Science, Cytology and Genetic Division, Cairo University.
2010-2015	Develop and teach theoretical and Practical Course in Principles of Genetics, General Biology, Plant Physiology, Plant Anatomy, General Ecology, Biology Seminar, Principles of Biology I, Principles of Biology II, Biology Area Seminar (Cell and Molecular), Seminar Presentation, Genomics and Bioinformatics, Population Genetics, Microbiology, Cell and Molecular Biology, Public Health, Systematic Botany for Preparatory Biology and Chemistry Students, Biology Department, Faculty of Science and Arts, Al Baha university, Kingdom of Saudi Arabia.

## OTHER SKILLS

### COMPUTER and IT EXPERIENCE

Software Experience	Microsoft Windows (3.x, 95, 98, 2000, XP, Vista, Windows 7, Windows 8, Windows 10), MAC, Microsoft Office, Harvard Graphics, WinFax Pro, Xtalk, Kermit, Internet, World Wide Web Homepage Creation (HTML); Print Artist, Corel Draw, Adobe PhotoShop, Paint Shop Pro (versions 4.0-16.0), Visio, Smart Draw, IBM compatible and Graphics Design experience. Primer Premier, GenDoc, Mega, figtree, treeview, sigma plot, Cambridge Soft, ISIS, sigma plot, MathCAD and many other software.
Training Courses	Successfully passed the Training Course in Computer Sciences for Teaching Staff, Institute of Statistical Studies & Research, Cairo University, Egypt, July, 29 - August, 28, 1997.
Occupations relevant to Computer and IT	<p>Director of Computer and Internet Laboratory, Department of Botany, Faculty of Science, University Cairo, Egypt.</p> <p>Website developer, Department of Botany, Department of Zoology and Department of Entomology, Faculty of Science, University Cairo, Egypt.</p> <p>Member of Computer committee, Department of Botany, Faculty of Science, University Cairo, Egypt.</p> <p>Member of Computer committee and Website Reviewer, Faculty of Science, University Cairo, Egypt.</p>
Arabic Version of Wikipedia	Founder of the Arabic Domain of Wikipedia at Wikipedia .Arabic version of Wikipedia began in July 2003 and there are now more than 16,000 articles. The first proposal on the launch of Arabic Encyclopedia version is an Egyptian Academic Dr. Tarek Kapiel, in 2001 while he was studying for a doctoral degree in molecular genetics at a Clemson University, USA. The first mention of this proposal was written in an article published on "Islam online" Website, Science and Technology Division in the beginnings of the Wikipedia. He also sent an e-mail to the founder of Wikipedia to request starting of a new Arabic domain of the encyclopedia at this



- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	early beginning of Wikipedia. <a href="http://www.thebestlinks.com/User_3A_Dr._Tarek_Yehia_KAPIEL.html">http://www.thebestlinks.com/User_3A_Dr._Tarek_Yehia_KAPIEL.html</a>
Dolan DNA Learning Center Website	Website developer, for, CU-BIOTECHNOLOGY website. This website provides Cairo university Biotechnology Students with interactive Multimedia and the recent and updated Information about Genetics. <a href="http://www.dnai.org/lesson/go/19619">http://www.dnai.org/lesson/go/19619</a>
On-line Coaches and Course coordinator	Attended IFPRI E-Learning Course on 'How to Improve your Writing Skills'. This is a learning workspace for the IFPRI e-learning course. The users of this D-group are students, on-line coaches, and coordinators of this course. The aim is to provide a space for students to communicate with their virtual class colleagues and their online mentor. Students are encouraged to discuss and share their ideas and resources related to this e-course. 11/22/2006. <a href="http://www.dgroups.org/groups/cgiar/IFPRI">http://www.dgroups.org/groups/cgiar/IFPRI</a>
CU-BIOTECH	Website developer, for, CU-BIOTECHNOLOGY website. This Group helps Cairo university Biotechnology Students to get and share Course Materials, Multimedia and the recent and updated Information about Genetics. <a href="http://tech.groups.yahoo.com/group/CU-BIOTECH/">http://tech.groups.yahoo.com/group/CU-BIOTECH/</a>
MSA_genetics	Website developer, for, website, This Group helps MSA Dentistry and Biotechnology Students to get and share Course Materials, Multimedia and the recent and updated Information about GENETICS. <a href="http://tech.groups.yahoo.com/group/MSA_genetics/?yguid=21000469">http://tech.groups.yahoo.com/group/MSA_genetics/?yguid=21000469</a>
MSA_Biotech	This Group helps MSA Biotechnology Students to get and share Course Materials, Multimedia and the recent and updated Information about Cell and Tissue Culture. <a href="http://tech.groups.yahoo.com/group/MSA_Biotech/">http://tech.groups.yahoo.com/group/MSA_Biotech/</a>
Arabic_PTC	Website developer, and a group owner of Plant Tissue Culture Group in Arabic, a website, to discuss the recent advances in Plant Tissue Culture and its application in the Arab countries and to share information about the new technology. <a href="http://tech.groups.yahoo.com/group/Arabic_PTC_Group">http://tech.groups.yahoo.com/group/Arabic_PTC_Group</a>
Science Now (In Arabic)	A blog website which publishes and discusses the current Science News in Arabic. <a href="http://tkapiel.blogspot.com/">http://tkapiel.blogspot.com/</a>
Project Noah	Member of Project Noah from January 2011 to Present. It is an award-winning software platform designed to help people reconnect with the natural world. Launched out of NYU's Interactive Telecommunications Program in early 2010.
Cafe Scientifique	A group on Social Media for Arab Scientist to discuss science news and articles and it is daily updated. <a href="https://www.facebook.com/groups/291803760886441/">https://www.facebook.com/groups/291803760886441/</a>
Life Sciences	A group on Social Media publishing News and Articles in life science and it is daily updated. <a href="https://www.facebook.com/tarekkapiel">https://www.facebook.com/tarekkapiel</a>
Egyptian Scientist	A group on Social Media publishing News and Articles about Egyptian Scientist and their achievements. It is daily updated. <a href="http://egysci.blogspot.com/">http://egysci.blogspot.com/</a> . <a href="https://www.facebook.com/groups/766797950047962/">https://www.facebook.com/groups/766797950047962/</a>

## MEMBERSHIP OF PROFESSIONAL BODIES

- **Founding Member** of the Arab Science Journalists Association (ASJA).
- **Founding Member** of the Egyptian Network for Bioinformatics.
- Member of Cairo University Staff Club.
- Member of the Science Advisory Board (<http://www.scienceboard.net>).
- Member of PLANT-TC Listserv, University of Minnesota.
- Member of the African Crop Science Society.
- Member of the Agricultural Biotechnology Network in Africa (ABNETA) <http://www.abneta.org>.
- Member of the Egyptian Botanical Society.
- Member of the Egyptian National Committee of Synchrotron Light Applications.



- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.
- Member of the Egyptian Society of Genetic Engineering and Biotechnology.
- Member of the Egyptian Society of Plant Pathology.
- Member of the International Federation of Science Journalists.
- Member of the of Membership Committee of ASJA.
- Member of the Society of Environmental Development.
- Member of the Syndicate of Scientific Professions, Egypt.
- Member of the Union of Arab Biologists.
- Member of the MyNetResearch Network.
- Member of the Science Advisory Board. <http://www.scienceboard.net/profile/90304>

## LIST OF PUBLICATIONS

**Kapiel, T. Y. and Ali, A.M.M. (1994).** Callus Induction and Plants Regeneration from calli of different explants of melon (*Cucumis melo* L., cv. Ananas El Dokki and cv. Shahd El Dokki). Egyptian Society of Genetic Engineering, 5<sup>th</sup> Annual Meeting Report, NRC, Egypt.

**Kapiel, T. Y. (1996).** The Production of Cantaloupe (*Cucumis melo* L.) Salt-Resistant Calli and Cell lines through Genetic Engineering Techniques, M.Sc. Thesis, Cairo University, Egypt.

**Kapiel, Y. K. (1997).** Induced Mutation in Tissue Cultur, (A commentary Article), Plant-TC Listserv, University of Minnisota, <http://www.agro.agri.umn.edu/plant-tc>.

**Kapiel, T. Y. and Ali, A.M.M. (1997).** Salt Tolerance in Melon Tissue Cultures. I. Selection of NaCl tolerant line of cultured cells. Egyptian Society of Genetic Engineering, 8<sup>th</sup> Annual Meeting Report, NRC, Egypt.

**Kapiel, T. Y. and Ali, A.M.M. (1997).** Salt Tolerance in Melon Tissue Cultures. II. Induction of NaCl tolerant mutants through genetic engineering techniques. Egyptian Society of Genetic Engineering, 8<sup>th</sup> Annual Meeting Report, NRC, Egypt.

**Nasr, M.I.; Ibrahim, I.A.; Habib, H.M. and Kapiel, T.Y. (1999).** Rapid Micropropagation and Grafting of Watermelon (*Citrullus lanatus*) Cultivar. The First International Conference, In Egypt, On Plant Tissue Culture And Its Application. 145-159.

**Permenter, C.; T. Y. Kapiel and B. Rhodes (2001).** Determination of the effects of slice thickness and location on shoot bud induction from immature cotyledon explants of triploid (seedless) Watermelons. Twelfth Annual Research Colloquium, GSSM, SC, USA.

**Kapiel, T. (2001).** Rapid Micropropagation of Watermelon, <http://www.kitchenculturekit.com/Index.htm>.

**Kapiel, T. (2004).** Production of autopolyploid watermelons in tissue culture using molecular and cytogenetic techniques. Ph.D. Thesis, Cairo University, Egypt.

**Mahmoud I. Nasr, Hala M. Habib, Ibrahim A. Ibrahim and Tarek Y. Kapiel (2004).** Novel Approach for the Accelerated Production of Triploid (Seedless) Watermelon. Proceed. Int. Conf. Eng. & Appl. (April 8-11 Sharm Elsheik, Egypt).

---

**Mahmoud I. Nasr, Hala M. Habib, Ibrahim A. Ibrahim and Tarek Y. Kapiel (2004).** In Vitro Induction of Autotetraploid Watermelons Using Colchicine and Four Dinitroaniline Compounds. Proceed. Int. Conf. Eng. & Appl. (April 8-11 Sharm Elsheik, Egypt).

---

**Kapiel, T.; Rhodes, B.; Dane, F. and Zhang, X. (2004).** Advances in Watermelon Breeding. Journal of New Seeds, 6(4): 289 -321.

---

**Kapiel, T.; Rhodes, B.; Dane, F. and Zhang, X. (2005).** Advances in Watermelon Breeding In: Hybrid Vegetable Development. Edited by P. K. Singh, S. K. Dasgupta, and S. K. Tripathi, Published by Haworth Press, Incorporated, USA.

**Google Books Website**

<http://books.google.com.eg/books?id=f7djBk80Z6oC&pg=PA289&dq=TAREK+KAPIEL>

---

**Kapiel, T.Y.S., Narguess Hossameldin Marei, Kareem Dorri Zaki, Ahmed M. Osman, Eman Galal Zakaria, Menat-tallah Elserafy, Ahmed M. Yara (2010).** “Structural Analysis of Toxic Waste-Induced Chromosome Aberrations by Atomic Force Microscopy” . J. Biotechnol. 150S (2010) S435]

---

**Abdel-Rahman, T. M., T. Y. S. Kapiel, D. M. Ibrahim, and E. A. M. Ali (2010).** Elicitation of alkaloids by biotic and abiotic stress factors in *Catharanthus roseus* L. (G) Don. Egypt. J. Bot. (27), pp. 207-224.

---

**Ayman A. Diab, El-Sadi, Ageez, Kapiel, T., Abd El-Salam E (2012).** Cloning and Expression Analysis of Betaine Aldehyde Dehydrogenase from *Pseudomonas fluorescens*. Egypt. J. Genet. Cytol. 01/2012; 40:161-173.

---

**Amira M. Abu Taleb , Eman R. Hamed Shimaa, A. Zaki, Adel B. Salama, Ahmed Abdel-Fattah, Tarek Y. S. Kapiel (2014).** Enhancement of alkaloids production in tissue culture of *Narcissus tazetta* var. *italicus* I: Effect of growth regulators and fungal elicitors. Journal of Agricultural Technology. Vol. 10(6):1413-1429.  
[http://www.ijat-aatsea.com/pdf/v10\\_n6\\_14\\_november/6\\_IJAT\\_10\(6\)\\_2014\\_Amira%20M.\\_Abu-Riad-Botany\\_revision.pdf](http://www.ijat-aatsea.com/pdf/v10_n6_14_november/6_IJAT_10(6)_2014_Amira%20M._Abu-Riad-Botany_revision.pdf)

---

**Kapiel, T. (2014).** Arab countries need better GMO detection systems. Sci.dev. <http://www.scidev.net/global/gm/opinion/Middle-East-GMO-English.html>

---

## LIST OF PUBLICATIONS

EDUCATIONAL Materials, Books, CDs, Multimedia, Websites...etc.

**Kapiel, T. (2005).** **Plant Biotechnology.** Educational Scientific Book for Theoretical Course for Postgraduate Students, Botany Department, Faculty of Science, Cairo University, Egypt.

---

**Kapiel, T. (2005). Principals of Human Genetics.** Educational Book for Theoretical Course for Dentistry Students, Faculty of Dentistry, MSA University.

---

**Kapiel, T. (2006). Principals of Genetics (SGS 124).** Educational Book for Theoretical Course for Dentistry Students, Faculty of Dentistry, MSA University.

---

**Kapiel, T. (2006). Genetics.** Educational Book for Theoretical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2006). Genetic, Practical Manual.** Educational Book for Practical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2006). Cell Biology.** Educational Book for Theoretical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2006). Cell Physiology.** Educational Book for Theoretical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2006). Cell Physiology Laboratory Manual.** Educational Book for Practical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2007). Cell and Tissue Culture.** Educational Book for Theoretical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2007). Cell and Tissue Culture Laboratory Manual.** Educational Book for Practical Course for Biotechnology Students, Faculty of Biotechnology, MSA University.

---

**Kapiel, T. (2008). Plant Biotechnology.** Educational Scientific CD, Interactive Multimedia covering the Theoretical Course for M.Sc. and Ph.D. Postgraduate Students, Botany Department, Faculty of Science, Cairo University, Egypt.

---

**Kapiel, T. and Barakat, N. (2008). A course in Genetics.** Educational Book for Theoretical Course for 2<sup>nd</sup> year Biology Students, Botany Department, Faculty of Science, Cairo University.

---

**Kapiel, T. (2009). Genetic Engineering of Plants.** Educational Book for Theoretical Course for 3<sup>rd</sup> year Students, New Program Biotechnology/Bimolecular Chemistry Division, Faculty of Science, Cairo University.

---

---

**Kapiel, T. (2009). Lab Manual: Genetic Engineering of Plants.** Educational Book for Practical Course for 3<sup>rd</sup> year Students, New Program Biotechnology/Bimolecular Chemistry Division, Faculty of Science, Cairo University.

## SUPERVISED THESISES

1. **Yousry Said Abd Alhameed**, Studies on Identification, Cloning and Osmotic induced Gene Expression and Coding for We report here high-level expression of betaine aldehyde dehydrogenase Enzyme from *Aspergillus fumigatus* fungus. M.Sc. Thesis registered in Faculty of Science, Cairo University. [**Awarded the M.Sc. Degree, 9/2009**]
2. **Eman Abdallah Mohamed Ali**, Influence of Some Fungal Elicitors on Production of Bioactive Indole Alkaloids in Callus and Cell Cultures of *Catharanthus roseus*, M.Sc. Thesis registered in Faculty of Science, Cairo University. [**Awarded the M.Sc. Degree, 10/2009**]
3. **Asmaa Abd Elnaby Adlan**, Variation of chemical constituents in some medicinal plants under environmental stress and mode of propagation, M.Sc. Thesis registered in Faculty of Science, Cairo University. [**Awarded the M.Sc. Degree, 6/2010**].
4. **Amaal Hussein Sobhy Maghraby**, Construction and Characterization of cDNA Libraries from Egyptian Durum Wheat (*Triticum turgidum* var. durum) Under Drought Stress, M.Sc. Thesis registered in Faculty of Science, Cairo University [**Awarded the M.Sc. Degree, 9/2010**].
5. **Walaa Adly**, Biotechnological Studies on Watermelon (*Citrullus lanatus* L.); M.Sc. Thesis registered in Faculty of Science, Cairo University.
6. **Marwa Sayed Fouad Abd Elaziz**, Molecular Characterization of Somaclonal Variants Producing Phytoalexins in vitro as a result of exposure of Legumes to fungal elicitor. Ph.D. Thesis registered in Faculty of Science, Cairo University.
7. **Hosam Saad Anwar**, Genetic diversity in populations of *Peganum harmala* L. in Egypt M.Sc. Thesis registered in Faculty of Science, Cairo University.
8. **Basama Hussein Mostafa**, Molecular and Diagnostic (Serological) Studies on Egyptian Isolate of Plum Pox Virus (EL Amar); M.Sc. Thesis registered in Faculty of Science, Cairo University.
9. **Marwa Mohammed Ali Amar**, Production of transgenic melon plants resistant to a Zucchini yellow mosaic potyvirus (ZYMV). M.Sc. Thesis registered in Faculty of Science, Cairo University.
10. **Eman Abdallah Mohamed Ali**, Preservation of library materials from biodeterioration using conventional and molecular techniques. Ph.D. Thesis registered in Faculty of Science, Cairo University.
11. **Shimaa Ahmed Zaki Abdel El Halim**, Effect of Fungal Elicitors on Production of Bioactive Alkaloids in Tissue Culture of Narcissus Species. M.Sc. Thesis registered in Faculty of Science, Cairo University.
12. **El-Sayed Abd El-Aal El-Sayed**. Proteomic Studies on the Egyptian Isolate of Hepatitis C Virus. M.Sc. Thesis registered in Faculty of Science, Cairo University.

## ACADEMIC REFERENCES

### Egypt

**Prof. Mahmoud Sakr**

Head of the Academy of Scientific Research & Technology (ASRT), Cairo, Egypt.  
Executive Director  
Science and Technology Development Fund (STDF)  
101 Kasr Al-Aniy Street, Cairo, Egypt  
E-mail: [Mahmoud.sakr@stfd.org.eg](mailto:Mahmoud.sakr@stfd.org.eg)  
[sakrmahmoud@yahoo.com](mailto:sakrmahmoud@yahoo.com)  
[sakrasrt@gmail.com](mailto:sakrasrt@gmail.com)

**Prof. Gamal Fahmy**

Head of Botany Department, Prof. of Ecology,  
Botany Department, Faculty of Science, Cairo University, 12613

- Dr. Tarek Kapiel, Résumé (*Curriculum Vitae*) 2015.

	Giza, Egypt.
<b>Prof. Ibrahim A. Ibrahim</b>	Dean of Genetic Engineering and Biotechnology Research Institute and Prof. of Plant Biotechnology, Minufiya University, Sadat City, Egypt.
<b>Prof. Maguid Amin Ahmed</b>	Dean, Faculty of Dentistry, MSA, Emeritus Professor of Oral Surgery, Former Dean, Faculty of Oral and Dental Medicine, Cairo University Former Secretary General of the Supreme Council of Universities.
<b>Kingdom of Saudi Arabia</b>	
<b>Prof. Mohamed E. waih</b>	Professor of Genetics and Biotechnology & University Advisor for Academic Affairs, Al Baha University, Kingdom of Saudi Arabia. E-mail: <a href="mailto:wagih@wlu.a">wagih@wlu.a</a>
<b>Prof. Tito Habib</b>	Professor of Genetics & and Molecular, Head of Biology Department, Faculty of Science and Arts, Al Baha University, Kingdom of Saudi Arabia. E-mail: <a href="mailto:tito Habib99@yahoo.com">tito Habib99@yahoo.com</a>
<b>United State of America</b>	
<b>Prof. Bill Rhodes</b>	Prof. of Plant Breeding, Department of Horticulture, Poole Agriculture Center, Clemson University, Box 340375, Clemson South Carolina, 29634-0375, USA.
<b>Germany</b>	
<b>Prof. Francesco Salamini</b>	Director of Max-Planck-Institute for Plant Breeding Research Department of Plant Developmental Biology. Carl-von-Linné-Weg 10 D-50829 Köln, GERMANY Phone: (+49 221)-5062-400 Email: <a href="mailto:salamini@mpiz-koeln.mpg.de">salamini@mpiz-koeln.mpg.de</a>
<b>Japan</b>	
<b>Prof. Hajime Unno</b>	Head of the Department of Bioengineering, Faculty of BioScience and Biotechnology, Tokyo Institute of Technology, 4259 Nagatsuta-cho, Midori-Ku, Yokohama 266, Japan. Tel. +81-45-924-5762 Fax. +81-45-924-5818 E-mail: <a href="mailto:hunno@bio.titech.ac.jp">hunno@bio.titech.ac.jp</a>
<b>Canada</b>	
<b>Prof. Danielle Donally</b>	Prof. of Tissue Culture, McGill University, Faculty of Agriculture, Canada