Monday 7 April 2014			
9:00-11:00	Registration (During all days of the conference)		
11:00-13:00 Day 1	Registration (During ut days of the conjerence) Conference Opening Session (Great Hall) Welcome Note: Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt) Laila Iskandar, Minister of State for Environmental Affairs (Egypt) Koji Omi, Founder and Chairman, the Science and Technology in Society (STS) forum (Japan) James Moran, Head, Delegation of the European Union to Egypt Keynote Address: Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt)		
13:00-14:30	Networking Break (Visit BioFair	and Poster Session Area)	
14:30-15:30 Day 1	The Role of Youth in Future Egypt (Great Hall) Farouk El-Baz, Director, Center for Remote Sensing, Boston University (USA)		
15:30-16:00	Networking Break (Visit BioFair		
16:00-17:30 Day 1	 Plenary Session 1: Systems and Synthetic Biology: The Way Forward (Great Hall) Chair: Malak Kotb, Founding Chair, Department of Basic Sciences, School of Medicine and Health Sciences, University of North Dakota (USA) co-Chair: Ramy Aziz, Assistant Professor, Faculty of Pharmacy, Cairo University (Egypt) Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates) HC Lee, University Chair Professor of Biophysics, Institute of Systems Biology and Bioinformatics, National Central University (Taiwan) François Képès, Research Director, The National Center for Scientific Research-CNRS (France) 	 Track 1: The German Science Centre Cairo – Excellent Opportunities for Students and Researchers from Egypt (Lectures Hall) <i>Co-organized with German Science Centre Cairo (DWZ Cairo</i> Chair: Michael Harms, <i>Director</i>, <i>DWZ</i> Rapporteur: Mohammed Yahia, <i>Editor</i>, <i>Nature Middle East</i> (<i>Egypt</i>) Michael Harms, <i>Director</i>, <i>DWZ</i> Florian Kohstall, <i>Liason Officer</i>, <i>FU Berlin</i> Kordula Schwarzwälder, <i>TU München</i> Kester von Kuczkowski, <i>Managing Director</i>, <i>TU Berlin-Campus El Gouna</i> Philip Hanna, <i>Liaison Officer</i>, <i>TU München</i> <i>Panel Discussion</i> Moderator: Michael Harms, <i>Director</i>, <i>DWZ</i> Panelists: Florian Kohstall, Kordula Schwarzwälder, Kester von Kuczkowski, Philip Hanna and Martin Bergfelder 	

Monday 7 April 2014				
17:30-18:00	Networking Break (Visit BioFair and Poster Session Area)			
	Plenary Session 2: Sustainable Agriculture: New Models (Great Hall)	Track 2: H2020 and Erasmus Plus: The New EU Programmes for Research, Innovation		
	Chair: Magdy Madkour, Professor, Arid Lands Agricultural Research Institute,	and Higher Education (Lectures Hall)		
	Faculty of Agriculture, Ain Shams University (Egypt)			
	$\mathbf{D}_{\mathbf{r}}$	<u>Co-organized with Delegation of the European</u>		
	<u>Rapporteur:</u> Rafik Nakhla, Director, Corporate Services, Tamas Projects (United	<u>Union to Egypt</u>		
	Arab Emirates)			
	Norman Uphoff, Professor of Government and International Agriculture, Cornell	Chair: Heba Gaber, Research and Innovation		
18:00-19:30	University (USA)	Officer, Delegation of the European Union to		
	Rusty Rodriguez, CEO, Adaptive Symbiotic Technologies (USA)	Egypt (Egypt)		
	Mahmoud Solh, Director General, ICARDA (Syria)	<u>Rapporteur:</u> Mohammed Yahia, <i>Editor</i> ,		
Day 1	Florence Wambugu, Chief Executive Officer, Africa Harvest Biotech Foundation	Nature Middle East (Egypt)		
·	International (Kenya)	Habe Cabon Deserved and Investing Officer		
		Heba Gaber, Research and Innovation Officer,		
		Delegation of the European Union to Egypt		
		(Egypt) Yasser Elshayeb , Director, CULTNAT,		
		Bibliotheca Alexandrina (Egypt)		
		Guillaume Acloque , Scientific Cooperation		
		Attaché, French Embassy in Cairo		
		Indene, i Tenen Embussy in Curto		

BioVisionAlexandria 2014 7-9 April 2014*

	Tuesday, 8 April 2014			
8:30	Registration			
8:30 09:00-10:30 Day 2	Plenary Session 3: The Coming Revolution in Higher Education (Great Hall) Co-organized with World University Consortium Chair: Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt) Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates) Garry Jacobs, Chief Executive Officer, World Academy of Art & Science (USA) Alberto Zucconi, President, Instituto dell'Approccio Centrato sulla Persona-IACP (Italy)			Track 3: Digital Health for Better Care to All (Delegates Hall)Co-organized with Simon Bolivar University (Prof. Rafael Rangel-Aldao)Chair: Rafael Rangel-Aldao)Chair: Rafael Rangel-Aldao)Chair: Rafael Rangel-Aldao)Science Group (Venezuela)Rapporteur: MohammedMohammedYahia, Editor, Nature Middle East (Egypt)TomásSanabria, co- Chairman Centro Médico (Venezuela)
10:20 11:00	Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt) Ljudmila Popović, Associate Fellow, World Academy of Art and Science (USA)	Laboratory, Facultad de Psicología, University of Seville (Spain)	and Chair, Biology Department, American University in Cairo (Egypt) Mostafa Elshahed, Associate Professor, Department of Microbiology and Molecular Genetics, Oklahoma State University (USA) Alejandra Prieto Davo, Profesor Asociado, Universidad Nacional Autónoma de México, Facultad de Química, Unidad Sisal (Mexico)	(Venezuela) Martine Berger, Director, Health Innovation in Practice (Switzerland) Rafael Rangel-Aldao, Chairman, Digital Science Group (Venezuela)
10:30-11:00	Networking Break (Visit BioFair and Poster Session Area)			

Plenary Session 4: Emerging Pathogens: Preventing the Next Pandemic (Great Hall)Panel C-2: Green Innovation and Entrepreneurship – Towards a Sustainable Future of Egypt – Environment (Small Theatre)Track 4: Future of Educe Opportunities and Chall (Delegates Hall)Chair: Ramy Aziz, Assistant Professor, Faculty of Pharmacy, Cairo University (Egypt)Environment (Small Theatre)Co-organized with World University ConsortiumRapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates)Co-organized with Sekem Development FoundationCo-organized with World University ConsortiumMalak Kotb, Founding Chair, Department of BasicChair: Hani Sewilam, Academic Director, Department of EngineeringChair: Garry Jacobs, O of Art & Science (USA)	
Next Pandemic (Great Hall)Entrepreneurship – Towards a Sustainable Future of Egypt – Environment (Small Theatre)Opportunities and Chall (Delegates Hall)Chair: Ramy Aziz, Assistant Professor, Faculty of Pharmacy, Cairo University (Egypt) Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates)Co-organized with Sekem Development FoundationCo-organized with World University ConsortiumMalak Kotb, Founding Chair, Department of BasicChair: Hani Sewilam, Academic Director, Department of EngineeringChair: & Science (USA)	nges
Chair: Ramy Aziz, Assistant Professor, Faculty of Pharmacy, Cairo University (Egypt)Sustainable Future of Egypt - Environment (Small Theatre)(Delegates Hall)Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates)Co-organized with Sekem Development FoundationCo-organized with World University ConsortiumMalak Kotb, Founding Chair, Department of BasicChair: Hani Sewilam, Academic Director, Department of EngineeringChair: Science (USA)	0
Chair: Ramy Aziz, Assistant Professor, Faculty of Pharmacy, Cairo University (Egypt) Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates)Environment (Small Theatre)Co-organized with World University ConsortiumChair: Garry Jacobs, O Director, Department of EngineeringChair: Garry Jacobs, O Executive Officer, World A Director, Department of Engineering	
Pharmacy, Cairo University (Egypt) Co-organized with Sekem Development Co-organized with World Rapporteur: Rafik Nakhla, Director, Corporate Services, Co-organized with Sekem Development University Consortium Tamas Projects (United Arab Emirates) Foundation Chair: Garry Jacobs, O Malak Kotb, Founding Chair, Department of Basic Chair: Hani Sewilam, Academic Chair: Garry Jacobs, O	
Rapporteur: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates) Co-organized with Sekem Development Foundation University Consortium Malak Kotb, Founding Chair, Department of Basic Chair: Hani Sewilam, Academic Director, Department of Engineering Chair: Garry Jacobs, Organized with Sekem Development of Art & Science (USA)	
Tamas Projects (United Arab Emirates) Foundation Chair: Garry Jacobs, O Malak Kotb, Founding Chair, Department of Basic Chair: Hani Sewilam, Academic Director, Department of Engineering Executive Officer, World A	
Malak Kotb, Founding Chair, Department of Basic Chair: Hani Sewilam, Academic Director, Department of Engineering Chair: Garry Jacobs, C Executive Officer, World A of Art & Science (USA)	
Malak Kotb, Founding Chair, Department of BasicChair: Hani Sewilam, Academic Director, Department of EngineeringExecutive Officer, World A of Art & Science (USA)	hief
Malak Kotb, Founding Chair, Department of BasicDirector, Department of Engineeringof Art & Science (USA)	
	,)
Sciences, School of Medicine and Health Sciences, Hydrology, RWTH Aachen University Rapporteur: Mohammed	Yahia.
University of North Dakota (USA) (Germany) Editor, Nature Middl	· · ·
F. Dewolfe Miller, Full Tenured Professor of Epidemiology, Rapporteur: Mohamed Khalil , (Egypt)	
Microbiology, Public Health, and Tropical Medicine, John A Professor, Geophysical Department,	
	esident,
Center of Environmental Hazard Instituto dell'Approccio	
Mitigation (CEHM) Cairo University sulla Persona IACP (Italy	
11:00-12:30 <i>(Egypt)</i> Junit guide (CEIIIII), Carlo Oniversity Ljudmila Popović, Associ	
Fellow World Academy o	
Day 2 Helmy Abouleish, CEO, SEKEM and Science (USA)	
(Egypt) Azza El-Kholy, Head, A	cademic
	liotheca
Engineering, Heliopolis University Alexandrina (Egypt)	
(Egypt) Rita Wilson, Student,	English
Khaled Elsaadany, Manager, Grants, Department, Faculty	Arts,
Innovation and Technology Transfer Alexandria University (Eg	
Center, Alexandria University (Egypt) Maram El-Gendy,	Student,
Maria Chiara Pastore, Professor, English Department, Facu	
Department of Architecture and Urban Alexandria University (Eg	-
Studies Politecnico di Milano (Italy)	<i>p••)</i>
Lorenzo Mattarolo, Program Manager	
and UNESCO Chair in Energy for	
Sustainable Development, Politecnico di	
Milano (Italy)	
12:30-14:00 Networking Break (Visit BioFair and Poster Session Area)	

RioVisionAlexandria 2014 7-9 April 2014*

	BioVisionAlexandria 2014, 7-9 April 2014 [*]			
	Panel A-2: Genomics and Infectious Diseases- From	Green Revolution: the Next Hundred	Panel C-3: TriNex: Making the Water-Energy-Food Nexus the	Track 5: Consciousness According to Science,
	Routine Diagnostics to	Years- Food and Agriculture Stream	Next Research Frontier in Egypt	Philosophy and
	Reverse Vaccinology-	(Lectures Hall)	– Environment Stream	Spirituality
	Health Stream (Great Hall)		(Small Theatre)	(Delegates Hall)
		Co-organized with The Norman Borlaug		
	<u>Co-organized with</u> Cairo	Institute for Global Food Security	<u>Co-organized with Knowledge-</u>	<u>Co-organized with World</u>
	<u>University (Prof. Ramy Aziz)</u>	(Prof. Malcolm Elliott)	<u>Triangle Platform for the Water-</u>	<u>Academy of Art & Science</u>
			<u>Energy-Food Nexus TEMPUS</u>	
	Chair: Malak Kotb,		<u>Project</u>	<u>Chair:</u> Garry Jacobs,
	Founding Chair, Department	Chair: Malcolm Elliott, Founding		Chief Executive Officer,
	of Basic Sciences, School of	Director, The Norman Borlaug Institute	Chair: Hani Sewilam, Academic	World Academy of Art &
	Medicine and Health	for Global Food Security (UK)	Director, Department of	Science (USA)
	Sciences, University of North	<u>Rapporteur</u>: Ola Al-Ghazawy,	Engineering Hydrology, RWTH	Rapporteur: Mohammed
	Dakota (USA)	Website Editor and Social Media	Aachen University (Germany)	Yahia, Editor, Nature
	Rapporteur: Rafik Nakhla,	Coordinator, Zewail City Science and	<u>Rapporteur</u>: Mohamed Khalil,	Middle East (Egypt)
14:00-15:30	Director, Corporate Services,	Technology (Egypt)	Professor, Geophysical	
	Tamas Projects (United Arab		Department, Faculty of Science	Alberto Zucconi
	Emirates)		and Senior Advisor, Center of	President, Instituto
		Welcome: Ismail Serageldin, Director,	Environmental Hazard Mitigation	dell'Approccio Centrato
Day 2	Guilherme Oliveira,	Bibliotheca Alexandrina (Egypt)	(CEHM), Cairo University (Egypt)	sulla Persona-IACP (Italy)
	Professor and Coordinator,			Garry Jacobs, Chiej
	CEBio - Centro de Excelência	Clive James, Chairman Emeritus and	HaniSewilam, Academic	Executive Officer, World
	em Bioinformática (Brazil)	Founder, International Service for the	Director, Department of	Academy of Art & Science
	Jason Cole, NHMRC	Acquisition of Agri-Biotech Applications	Engineering Hydrology, RWTH	(USA)
	Biomedical Training Fellow,	(Cayman Islands)	Aachen University (Germany)	Ljudmila Popović,
	Department of Pediatrics,	Maria Mercedes Roca, Associate	Helmy Abouleish, CEO, SEKEM	Associate Fellow, World
	University of California San	Professor of Biotechnology, Zamorano	(Egypt)	Academy of Art and Science
	Diego School of Medicine	University (Honduras)	Rasha El Kholy, Dean, the	(USA)
	(USA)	Edward Cocking, Director, The Centre	Faculty of Engineering, Heliopolis	
	Adrian Turjanski, Director,	for Crop Nitrogen Fixation, Nottingham	University (Egypt)	
	the Argentinian Bioinformatic	University, (UK)	Gabriele Cassetti, UNESCO	
	Platform (Argentina)		Chair - Energy for Sustainable	
			Development, Department of	
			Energy - Politecnico di Milano	
			(Italy)	

15:30-16:00	Networking Break (Visit BioFair and Poster Session Area)			
10.00 10.00	Panel A-3: Phage Therapy: Old is	Panel B-2: Norman Borlaug	Panel C-4: Future of	Track 6: Science,
	New! - Health Stream (Great Hall)	and the Green Revolution: the	Sustainability I-Environment	Communication, Innovation
	,	Next Hundred Years- Food and	Stream (Small Theatre)	and Education: A Multiple
	Co-organized with Cairo University	Agriculture Stream		Perspective- Round Table
	(Prof. Ramy Aziz)	(Lectures Hall)	Chair: Mostafa Elshahed,	(Delegates Hall)
			Associate Professor,	
	Chair: Martha Clokie, Reader in	Co-organized with The Norman	Department of Microbiology	Chair: Mohammed Yahia,
	Microbiology, Department of	Borlaug Institute for Global Food	and Molecular Genetics,	Editor, Nature Middle East
	Infection, Immunity and Inflammation,	Security (Prof. Malcolm Elliott)	Oklahoma State University	(Egypt)
	University of Leicester (UK)		(USA)	
	Rapporteur: Rafik Nakhla, Director,	Chair: Malcolm Elliott,	<u>Rapporteur</u>: Mohamed	Katia Chalita, President,
	Corporate Services, Tamas Projects	Founding Director, The Norman	Khalil, Professor, Geophysical	ÁKBAR Produções Artisticas
	(United Arab Emirates)	Borlaug Institute for Global Food	Department, Faculty of	(Brazil)
	Martha Clokie, Reader in	Security (UK)	Science and Senior Advisor,	Susantha Goonatilake,
16:00- 17:30	Microbiology, Department of	<u>Rapporteur</u>: Ola Al-Ghazawy,	Center of Environmental	President Royal Asiatic
10:00-17:50	Infection, Immunity and Inflammation,	Website Editor and Social Media	Hazard Mitigation (CEHM),	Society Sri Lanka (Sri Lanka)
Day 2	University of Leicester (UK)	Coordinator, Zewail City Science	Cairo University (Egypt)	Amir Wassef, Chairman,
Day 2	Martha Vives, Associate Professor,	and Technology (Egypt)		UNITEL (Egypt)
	Department of Biological Sciences,		Margaret Catley-Carlson,	Claudio Carlone, Advisor,
	Universidad de los Andes (Columbia)	Magdy Madkour, Professor,	Chair, BOT, Crop Diversity	Italian Agency for Technology
	Ayman El- Shibiny, Associate	Arid Lands Agricultural Research	Trust (Canada)	and Innovation (Italy)
	Professor of Biomedical Sciences,	Institute, Faculty of Agriculture,	Mohamed El-Hamamsy,	Sherif Kandil, Professor of
	University of Science and Technology,	Ain Shams University (Egypt)	Former Chief Executive	
	Zewail City of Science and Technology	John Pickett, Michael Elliott	Officer, Vodafone Egypt and	÷
	(Egypt)	Distinguished Research Fellow	DESERTEC Representative in	Research (Egypt)
	Hany Anany, Postdoctoral	and Scientific Leader of Chemical	Egypt (Egypt)	Biljana Papazov Ammann,
	Researcher, Canadian Research	Ecology, Rothamsted Research,	Salif Diop, Former Senior	Dr. phil. nat., University of
	Institute for Food Safety, Department	(<i>UK</i>)	Staff Member, UNEP,	Sofia (Switzerland)
	of Food Science, University of Guelph	Richard Flavell, Chief Scientific	Scientific Assessment Branch -	
	(Canada)	Advisor, Ceres Inc. Thousand	Division of Early Warning and	
		Oaks, California (USA)	Assessment- DEWA (Senegal)	
17:30-18:00		Networking Break (Visit RioFair a	nd Poster Session Area)	
17.30-10.00	Networking Break (Visit BioFair and Poster Session Area)			

RioVisionAlexandria 2014 7-9 April 2014 [*]			
	Panel A-4: Health Care and the Medical	Panel C-5: Future of Sustainability II-	Track 7 (Plenary Session 5): Help
	Revolution- Health Stream (Lectures Hall)	Environment Stream (Small Theatre)	Desk: Helping Researchers
			(Delegates Hall)
	Chair: Rafael Rangel-Aldao, Chairman,	Chair: Mostafa Elshahed, Associate Professor,	
	Digital Science Group (Venezuela)	Department of Microbiology and Molecular	Chair: Ismail Serageldin, Director,
18.00 10.20	<u>Rapporteur:</u> Ola Al-Ghazawy, Website	Genetics, Oklahoma State University (USA)	Bibliotheca Alexandrina (Egypt)
18:00-19:30	Editor and Social Media Coordinator, Zewail	Rapporteur: Mohamed Khalil, Professor,	Rapporteur: Rafik Nakhla, Director,
	City Science and Technology (Egypt)	Geophysical Department, Faculty of Science and	Corporate Services, Tamas Projects
		Senior Advisor, Center of Environmental Hazard	(United Arab Emirates)
Day 2	Alastair Kent, Director, Genetic Alliance	Mitigation (CEHM), Cairo University (Egypt)	
Day 2	(UK)		Ismail Serageldin, Director, Bibliotheca
	Abdallah Al-Agha, Professor, Faculty of	Mohamed Abdrabo, Professor of Environmental	Alexandrina (Egypt)
	Medicine, Cairo University (Egypt)	Economics, Environmental Studies Department,	Francois Sauer, Founder and CEO,
	Sameh S. Ali, Founding Director, Center for	Institute of Graduate Studies and Research,	Trans Am Group (USA)
	Aging and Associated Diseases, Helmy	Alexandria University (Egypt)	Eugene Shubnikov, Research Scientist,
	Institute of Medical Sciences, Zewail City of	Joao Paes de Carvalho, Principal, BiznessBrazil	Institute of Internal Medicine,
	Science and Technology (Egypt)	(Brazil)	Novosibirsk (Russia)
	Heba Kassem, Assistant Professor of	Salah Hassouna, Professor Emeritus of	Eman El-Tahlawy, Assistant Professor
	Medical Genetics and Director, Clinical	Environmental Microbiology, Institute of Graduate	of Public and Environmental Health,
	Genomics Centre, Faculty of Medicine,	Studies and Research, Alexandria University	National Research Center (Egypt)
	Alexandria University (Egypt)	(Egypt)	

Wednesday, 9 April 2014				
8:30	Registration			
	Plenary Session 6: New Trends in Life Sciences (Great Hall)			
9:00-10:30	<u>Chair:</u> Yousry El-Gamal, Former Minister of Education for Egypt (Egypt) <u>Rapporteur:</u> Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates)			
Day 3	 Mona Marei, Head, Tissue Engineering Laboratories, Faculty of Dentistry, Alexandria University (Egypt) Hassan Azzazy, Chairman, Department of Chemistry, The American University in Cairo (Egypt) Mahmoud Abdel-Kader, President, German University in Cairo (Egypt) Mohamed Bahie Abou Donia, Professor of Pharmacology, Cancer Biology & Neurobiology, School of Medicine, Duke University (USA) 			
10:30-11:00	Networking Break (Visit BioFair and Poster Session Area)			
11:00-12:30	CEO Panel (Great Hall) <u>Chair: Margaret Catley-Carlson, Chair, BOT, Crop Diversity Trust (Canada)</u>			
Day 3	Jacques-François Martin, President and CEO, Parteurop (France) John Kilama, Director, Kilama International Consulting Group (USA) Francois Sauer, Founder and CEO, Trans Am Group (USA) Sherif Medhat, Senior Medical Manager, Sanofi Egypt (Egypt)			
12:30-14:00	Networking Break (Visit BioFair and Poster Session Area)			
14:00-15:00	Plenary Session 7: Reporting Session (Great Hall) BioVisionAlexandria Conference Movie Plenary Sessions and Health Stream: Rafik Nakhla, Director, Corporate Services, Tamas Projects (United Arab Emirates) and Ola Al-Ghazawy, Website Editor and Social Media Coordinator, Zewail City of Science and Technology (Egypt) Food and Agriculture Stream: Ola Al-Ghazawy, Website Editor and Social Media Coordinator, Zewail City of Science and Technology (Egypt) (Egypt)			
Day 3	 Environment Stream: Mohamed Khalil, Professor, Geophysical Department, Faculty of Science and Senior Advisor, Center of Environmental Hazard Mitigation (CEHM), Cairo University (Egypt) Tracks: Mohammed Yahia, Editor, Nature Middle East (Egypt) BVA 2014 Conference at a Glance: Marwa Elwakil, Head Scientific Activities Section, Center for Special Studies and Programs, Bibliotheca Alexandrina (Egypt) Plenary Session 8: Closing Session (Great Hall) 			
15:00-16:00 Day 3	Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt)			