## BioVision Alexandria 2006, 26-29 April 2006\*

Wednesday 26 <sup>th</sup> April 2006			
8:30-	Registration (During all days of the conference)		
10:00-11:30	<ul> <li>Conference Opening Session (Great Hall)</li> <li>Hany Helal, Minister of Higher Education (Egypt)</li> <li>Koji Omi, Former Japanese Minister of State for Science and Technology Policy (Japan)</li> <li>Ismail Serageldin, Director of Bibliotheca Alexandrina (Egypt)</li> <li>Philippe Desmarescaux, Chairman, BioVision (France)</li> </ul>	<ul> <li>Elias Zerhouni, Director, National Institutes of Health (USA)</li> <li>Mohamed Hassan, Executive Director TWAS (Italy)</li> <li>Ibrahim Badran, Former Minister of Health (Egypt)</li> </ul>	
11:30-12:00		Break	
12:00-13:30	Session1: On the Quality of Science (Great Hall)  Chair: François Gros, Secrétaire Général, Académie des Science (France)  Rapporteur: Pierre Anhoury, IMS Health, Management Consulting (France)  Erling Norrby, Secretary General of the Royal Swedish Academy of Sciences (Sweden)  "More than 100 Years of Nobel Prizes"  Georges Charpak, Physics 1992 (France)		
13:30-14:30			
14:30-16:00	Session 2: Science for Humanity (Great Hall)  Chair: Roelof Rabbinge, InterAcademy Council (IAC) Study - Food for Africa (Netherlands)  Rapporteur: Rafik Nakhla, Bibliotheca Alexandrina (Egypt)  Harold Varmus, Medicine 1989 (USA)  Peter Doherty, Medicine 1996 (Australia)		
16:00-16:30	Break		
16:30-18:00	Session 3: Technology of Hope (Great Hall)  Chair: Margaret Catley-Carlson, Chair, Global Water Partnership (USA)  Rapporteur: Pierre Anhoury, IMS Health, Management Consulting (France)  Jean-Marie Lehn, Chemistry 1987 (France)  Stanley B. Prusiner, Medicine 1997 (USA)		
18:00-18:30	Break		
18:30-19:30	Evening Event: Nobel Round Table (Great Hall)		

Thursday 27 <sup>th</sup> April 2006			
8:00-	Registration (During all days of the conference)		
9:00-10:30	Plenary Session1: Health Discoveries (Great Hall)  Chair: Gabriel Persley, Chair, Doyle Foundation (UK)  Rapporteur: Rafik Nakhla, Bibliotheca Alexandrina (Egypt)  Elias Zerhouni, Director, National Institutes of Health (USA)  "Transforming Medicine in the 21st Century"  Sir Peter Lachmann, Emeritus Professor of Immunology, University of Cambridge (UK)  "The Ups and the Downs of Health Discoveries"  Frank Walsh, Executive Vice President, Discovery Research, Wyeth (USA)  "Innovative Drug Discovery"  Yoshihide Hayashizaki, Project Director and Chief Scientist, Genome Exploration Research Group, Genomic Science Center, RIKEN (Japan)	Track 1 Drought: Plenum 1  Chair: David McConnell, Co-ViceChairman, EAGLES (Irland)  Rapporteur:  Alain Godard, Ag/food strategic advisor, Biovision (France)  "The Development of Agriculture in Dry and Salty Areas: An opportunity for the South and the North"  Magdy Madkour, Assistant Director General, ICARDA (Syria)  Marc Van Montagu, Chairman, Institute of Plant Biotechnology for Developing Countries, Ghent University, (Belgium)  "What Biotechnology Can Do For Water-saving Agriculture"  Luis Herrera, Head, National Laboratory of Genomics for Biodiversity, the National Polytechnic Institute (Mexico)  "Molecular and Genomic Approaches to Understand	
10:30-11:00	Break	Drought Tolerance Mechanisms"	
11:00-12:30	Plenary Session 2: Launching of the Disease Control Priorities Project- DCPP (Great Hall)  Chair: Elias Zerhouni, Director, National Institutes of Health (USA)  Rapporteur: Rafik Nakhla, Bibliotheca Alexandrina (Egypt)  Joel Breman, Senior Scientific Advisor, Fogarty International Center, National Institutes of Health (USA)  "Infectious Diseases and the Disease Control Priorities Project (DCPP)"  Adel Mahmoud, President, Merck Vaccines, Merck & Co. Inc. (USA)  "Priorities for Global Health Research and Product Development"  Dean Jamison, Senior Editor, Disease Control Priorities Project & Fellow, Fogarty International Center, National Institutes of Health (USA)  "Disease Control Priorities in Developing Countries: Progress and Challenges"  Sir George Alleyne, Director Emeritus PAHO: Editor DCPP (USA)  "Cardiovascular Diseases (CVD)"	Track 1: Drought: Plenum 2 (Middle Hall)  Chair: Alain Godard, Ag/food strategic advisor, Biovision (France)  Rapporteur: Luis Herrera, Head, National Laboratory of Genomics for Biodiversity, the National Polytechnic Institute (Mexico)  Kazuo Shinozaki, Director of Plant Science Center, Riken Yokohama Institute (Japan)  Gene networks in drought stress response and tolerance  Vincent Vadez, ICRISAT (India)  "What is the scope for molecular breeding and genetic engineering to improve crops' drought tolerance?"  Ahmed Baheildin, Professor of Genetics, Faculty of Agriculture, Ain Shams University (Egypt)  "Genetic Engineering for Drought in Cereals"	
12:30-13:30	Lunch Break		

13:30-15:00	Plenary Session 3: Agri-food and Environment: Meeting the global challenge (Great Hall)  Chair:  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  M. S. Swaminathan, Chairman M S Swaminathan Research Foundation, (India)  "Meeting the Challenge of Sea-level Rise"  Christian Patermann, Director, Directorate E, European Commission (Belgium)  "Food, Agriculture and Biotechnology research, in the context of global challenges"  Clive James, Chairman and Founder of International Service for the Acquisition of Agri-biotech Applications (USA)  "A Decade of Biotech Crops 1996-2005: Global Status and Future Prospects"	Track 2 Ethics (Middle Hall)  Bioethics in Changing Lives  Chair: Eric Huttner, General Manager, Diversity Arrays  Technology Pty Limited (Australia)  Rapporteur: Ehsan Masood  Sandy Thomas, Director, The Nuffield Council on Bioethics, (USA)  Peter Singer, Sun Life Financial Chair in Bioethics & Director, University of Toronto Joint Centre for Bioethics (Canada)  Ibrahim Badran, Former Minister of Health, Egypt	
15:00-15:30			
15:30-17:00	Plenary Session 4: Africa Biotechnology Panel (Great Hall)  Co Chairs: Calestous Juma, Director, Science Technology & Innovation, Belfer Center for Science and International Affairs, Harvard University (USA)  Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt)  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  Abdallah Daar, Professor of Public Health Sciences, Toronto University (Canada)  "Life Sciences and Development in Africa"  George Sarpong, Professor, Faculty of Law, Ghana University (Ghana)  Florence M. Wambugu, CEO, Africa Harvest (Kenya)  "Africa Biofortified Sorghum (ABS) Project"  Soumya Swaminathan, Deputy Director, Tuberculosis Research Centre (India)	Track 3 Diabetes: Plenum1 (Middle Hall) EAGLES Session  Chair: David McConnell, Co-ViceChairman, EAGLES (Irland)  Rapporteur: Quentin Cooper  Sir Michael Hirst, Former Minister of Health (UK) "Burden of Diabetes – Need for Global Action"  Boerge Diderichsen, Vice President, Corporate Research Affairs, Novo Nordisk (Denmark) "Changing Diabetes - a Perspective from Industry"	
15 00 15 20	"Tuberculosis and HIV: Overlapping Epidemics, Multiple Challenges"		
17:00-17:30	Break  Evening Events Learnshing Learning à la Dâte. Anchie Website (Court Hall)	Trock 2 Dishetes + Plenum 2 (ACAR-II II)	
17:30-18:30	<ul> <li>Evening Event: Launching La main à la Pâte, Arabic Website (Great Hall)</li> <li>Chair: Ismail Serageldin, Director of Bibliotheca Alexandrina (Egypt)</li> <li>Georges Charpak, Nobel Laureate, Physics 1992 (France)</li> <li>Mostafa Abdel Samie, Director, World Bank/ European Union Education Enhancing Program, Program Planning&amp; Monitoring Unit (Egypt)</li> <li>David Wilgenbus, Project "La Main à la Pâte" (France)</li> <li>Noha Adly, Direcotor, ICT Department, Bibliotheca Alexandrina (Egypt)</li> <li>Hoda El Mikaty, Direcotr, Planetarium Science Center, Bibliotheca Alexandrina (Egypt)</li> </ul>	Track 3 Diabetes: Plenum 2 (Middle Hall)  Health Societal and Economic Challenges  Chair: David McConnell, Co-ViceChairman, EAGLES (Irland)  Rapporteur: Quentin Cooper  Gojka Roglic, Technical Officer Diabetes, WHO (Switzerland)  "The Global Burden of Diabetes and the WHO Response to Face the Challenge"  Viswanathan Mohan, Chairman, Diabetologist (India)  "What is driving the diabetes Epidemic?"  Jaakko Tuomilehto, Professor, University of Helsinki (Finland)  "Lessons from Diabetes Prevention Studies,"  Wiam Younis, Phil Riley, Gojka Roglic, V Mohan, Jaakko Tuomilehto, Boerge Diderichsen  "Panel Discussion: Promoting Healthy Living – Whose responsibility?"	

	Friday 28 <sup>th</sup> April 2006			
9:00-10:30	Panel A-1: Biotechnology for Affordable Health Care (Great Hall)  Chair: Claudio Carlone, Chairman, Hypothesis (Italy)  Rapporteur: Rafik Nakhla, BA (Egypt)  Muhammad Choudhary, Acting Director, International Center for Chemical Sciences (Pakistan)  "Sustainable Utilization of Biological Resources for Health Care Needs"  Werner Christie, Science and Technology Counsellor, Royal Norwegian Embassy, Beijing (China)  "Facilitating Biotech to Make a Good Impact for a More Balanced Development of the World"  Ysbrand Poortman, Vice President, World Alliance of (Netherlands)  "New Approaches for Prevention by Integrating Genetic/Genomic/Biotech Knowledge in Primary and Secondary Healthcare"  Ikeda Chieko, Ministry of Education, Culture, Science and Technology (Japan)  "Personalized Medicine and Health Care"	Panel B-1: Environmental Issues & Agriculture (West Hall)  Chair: Effat Badr, Professor Emeritus, Faculty of Agriculture, Alexandria University (Egypt)  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  Brian Johnson, Environmental Consultant (UK)  "Potential Environmental Impacts of Salt And Drought Tolerance Traits in Crop Plants"  David Todd, Senior Evaluation Specialist, The Global Environment Facility (USA)  "The Global Environment"  Weber Amaral, CEO Brazilian Biofuels Programme (Brazil)  "Agroenegy and Biofuels Program in Brazil"  Marie Ricciarione, USA Embassy in Egypt (USA)	Track 3 Diabetes: Plenum 3 _(Middle Hall) Diabetes around the World 1  Chair: Anil Kapur, Vice Chairman, Board of the World Diabetes Foundation (Denmark) Rapporteur Quentin Cooper  Morsi Arab, IDF Regional Chair Diabetes, EMME region (Egypt)  "Diabetes in the EMME"  Kaushik Ramaiya, Vice president IDF and Regional Chair IDF Africa "Diabetes in Sub Saharan Africa,"  Samir Assaad-Khalil, Professor of Internal Medicine. Unit of Diabetes & Metabolism. Faculty of Medicine, Alexandria University. Alexandria (Egypt) "Diabetes in Egypt"	
10:30-11:00	Tersonanzea meante ana mean Care	Break		
11:00-12:30	Panel A-2: How the New Life Sciences Can Respond to Today's Challenges (Great Hall)  Chair: Peter Singer, Director, University of Toronto Joint Centre for Bioethics (Canada)  Rapporteur: Rafik Nakhla, BA (Egypt)  Joel Nobel, Founder and Professor Emeritus, Emergency Care Research Institute (USA)  "The Impact of Progress in Life Sciences on Health in Developing Nations"  Yasuhiro Suzuki, Ministry of Health, Labour & Welfare (Japan)  "Life Sciences Research Responding to Challenges Faced by the Japanese Society"  Lewis Collens, President, Illinois Institute of Technology (USA)  "The Role of Biotechnology Research Parks in Economic Development, Technology Transfer, and Public Health"  Cynthia P. Schneider, Distinguished Professor, George Town University (USA)  "The "Virtual Incubator": A new model of public-private partnership to facilitate technology transfer in Africa"	Panel B-2:Rethinking Priorities in Food & Agriculture (West Hall)  Chair: Channapatna Prakash, Professor, Plant  Molecular Genetics, Tuskegee University (USA)  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  Patrick Cunningham, Professor of Animal Genetics, Trinity College, Dublin (Ireland)  Stefano Padulosi, Senior Scientist, Diversity for Livelihoods Programme, IPGRI (Syria)  "Eliminating Hunger and Poverty: Priorities and Delivery through Agricultural Biodiversity  Daniel Pagliano, President, Latin American Federation of National Biotechnology Companies Association (Uruguay)  Klaus Ammann, Director, Botanical Garden, University of Bern (Switzerland)  "Poverty Alleviation and Biotechnology: Not a contradiction,"	Track 3 Diabetes: Plenum 4 (Middle Hall) Diabetes around the World 2  Track 3 Diabetes: Diabetes around the World 2 Chair: Anil Kapur, Vice Chairman, Board of the World Diabetes Foundation (Denmark) Rapporteur Quentin Cooper  Changyu Pan, Professor, Chinese PLA General Hospital (China)  "Diabetes in China: Meeting the Challenge"  Viswanathan Mohan, Chairman & Chief of Diabetologist (India)  "Diabetes Epidemic in India"	

12:30-13:30	Lunch Break		
13:30-15:00	Panel A-3: Public Health and Private Medicine: The role of science (Great Hall)  Chair: Obsis Madkour, Professor, Faculty of Medicine Cairo University (Egypt)  Rapporteur: Rafik Nakhla, Bibliotheca Alexandrina, Egypt  Kiyoshi Kurokawa, President, Science Council of Japan (Japan)  "Healthcare Policy; Global and Local Perspectives"  Christian Suojanen, Secretary General, European Federation of Biotechnology (Spain)  Michael Oborne, Director, International Futures Programme, OECD - French Delegation (France), Iain Gillespie, Head of Biotechnology Division, Science, Technology and Industry, OECD (France)  "Reinventing the Clinical Innovation Enterprise"  Ellis Rubinstein, President, New York Academy of Sciences (USA)  "Bridging the Gaps from Bench to Bedside and from North to South – Two Seminal Scientific Challenges of Our Time"	Panel B-3: Regulations for Food, Agriculture & the Environment (West Hall)  Chair: Magdy Madkour, Assistant Director General, ICARDA (Syria)  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  Frederic Erbisch, Former Director, Office of Intellectual Property, Michigan State University (USA)  "Intellectual Property Management As a Regulation Tool"  Philip Pardey, Professor, Science and Technology Policy, University of Minnesota (USA)  Willy De Greef, Executive Director, International Biotech Regulatory Services (Belgium)  "The 20th Anniversary of the OECD Blue Book: Taking Stock"  Hanaiya El-Itriby, Director, AGERI (Egypt)	Track 3 Diabetes: Plenum 5 _(Middle Hall) Panel Discussions: Key Common Issues Across the Developing World  Chair: Rapporteur Quentin Cooper  Morsi Arab, IDF Regional Chair Diabetes, EMME region (Egypt)  Kaushik Ramaiya, Regional Chair IDF Africa Region (Tanzania)  Samir Khalil, Professor of Internal Medicine. Unit of Diabetes & Metabolism. Faculty of Medicine, Alexandria University. Alexandria. (Egypt)  Changyu Pan, Professor, Chinese PLA General Hospital (China)  V. Mohan, Chairman & Chief of Diabetologist (India)
15:00-15:30	own Time	Break	
15:30-17:00	Panel A-4: International Collaborations (Great Hall) Chair: Yehia Zaky, Head of Acacemic and Cultural Affairs Sector, Bibliotheca Alexandrina (Egypt) Rapporteur: Rafik Nakhla, BA (Egypt) Joe Harford, Director, National Cancer Institute International Office (USA) Rafael Rangel-Aldao, Professor of Biotechnology, Simon Bolivar University (Venezuela) "North-South Collaboration: Digital Molecular Medicine" Alfredo Aguilar, Head, Community Cooperation Activities Unit, International Scientific Cooperation, EU (Belgium) "The International Scientific Dimension in Framework Programme 7 (2007-2013) and Success Stories from Previous Framework Programmes" Sohail Luka, Scientific Officer, European Commission - DG Research, International Scientific Cooperation (Unit N2), EU (Belgium) "Non-EU Country Participation in Framework Programme 6 (FP6) and Funding Opportunities to International Scientific Cooperation in the Upcoming FP7"	Panel B-4: Old & New Issues: A review of some key points (West Hall)  Chair: Joao Paes de Carvalho, Executive Director, Associação Brasileira das Empresas de Biotecnologia (Brazil)  Rapporteur: Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)  Malcolm Elliott, Executive Director, The Norman Borlaug Institute for Crop Improvement (UK)  "Starvation, Obesity, or: Quo Vadis?"  Frank Shotkoski, Director, Agricultural Biotechnology Support Project II (USA)  "Eggplant: A Story af Public/Private Cooperation"  Marta Valdez, Coordinator at the Biotechnology Commission in University of Costa Rica (Costa Rica)  Eric Huttner, General Manager, Diversity Arrays Technology Pty Limited (Australia)  "New Plant Breeding Strategies Using an Affordable and Effective Whole-Genome Profiling Method"	Track 3 Diabetes: Plenum 6 (Middle Hall) Addressing the problem Chair: Stig Pramming, Executive Director, Oxford Health Alliance, (Sweden) Rapporteur Quentin Cooper  Anders Green, Professor and Consultant, Department of Applied Research and HTA (Denmark)  "Economic Burden of Poor Health - A Case For Targeting Chronic Disease Prevention in The Developing World"  Carani Sanjeevi, Associate Professor, Karolinska Institute (Sweden)  "Immunogenetics of Diabetes in the Developing world"  Oussama Khatib, Regional WHO Medical Advisor, EMRO (Egypt)  "Regional Overview, Diabetes Prevention and Care"  Mourad Rezk, Regional Medical Director, Novo Nordisk, (Egypt)  "Role of Allied Health Care Professional In Prevention and Care of Diabetes"

17:00-17:30	Break		
	Evening Event: CEO Panel (Great Hall)	Track 3 Diabetes: Plenum 7 (Middle Hall) Closing Session	
	<u>Chair</u> : Ismail Serageldin, Director of Bibliotheca Alexandrina (Egypt)	<u>Chair:</u> David McConnell, Co-ViceChairman, EAGLES	
	■ Villoo Patell, Avesthagen, Founder & CEO (India)	(Irland) Rapporteur Quentin Cooper	
17:30-19:00	■ Brian Clark, Vice President, European Federation of Biotechnology (Denmark)  "International Strategic Cooperations in Biotechnology for Europe via the EFB"	Stig Pramming, Executive Director, Oxford Health Alliance, (Sweden)	
17.30-17.00	■ Mohamed Abbadi, President Vacsera Holding Company (Egypt)	"Disease: A Global Pandemic"	
	■ Tadashi Hirata, Former Chairman, CEO, Kyowa Hakko Kogyo Co.Ltd. & Member of the Board of Japan Bioindustry Association (Japan)  "A Breakthrough in Monoclonal Antibody"	<ul> <li>Anil Kapur, Vice Chairman of the Board of the World Diabetes Foundation (Denmark)"</li> <li>"The WDF Initiative: Brief Overview of Projects"</li> </ul>	
	Magid Abou Gharbia, Senior Vice President & Head, Chemical & Screening Sciences, Wyeth Research (USA) "Public/Private Partnerships"	Recommendations and conclusions	

Saturday 29 <sup>th</sup> April 2006			
	Panel A-5 Biotechnology in the Developing World: Friend or	Panel B-5 Agri-Food & Environment :Food production &	
9:00-10:30	foe? (Great Hall)	biofortification (West Hall)	
	<u>Chair:</u> Ahmed Massoud, Professor of Dentistry, Alexandria University & Director, Egyptian Association for Continuing Education and Training (Egypt)	<u>Chair</u> Alain Godard, Ag/food strategic advisor, Biovision (France) <u>Rapporteur:</u> Salah Soliman, Professor, Faculty of Agriculture, University of Alexandria (Egypt)	
	Rapporteur: Rafik Nakhla, BA (Egypt)  Magid Abou Gharbia, Senior Vice President & Head, Chemical &	■ Ingo Potrykus, Chairman, Humanitarian Golden Rice Board and Network to fight micronutrient malnutrition in developing countries (Switzerland)  "Golden Rice and Beyond – the Power of Biofortification"	
	Screening Sciences, Wyeth Research (USA) "Innovative Pathways For A healthier world"	■ Gurdev Khush, Professor, University of California (USA) "Rice For Feeding Half the World Population"	
	■ Joanna Rubinstein, Director Health and Science Initiatives, UN Millennium Project (USA)  "Biotechnology and Sustainable Development"	■ Howarth Bouis, Director, HarvestPlus (USA)- Marilia Nutti, Researcher, National Research Center on Food Technology, Embrapa (Brazil) "HarvestPlus: Breeding Crops for Better Nutrition"- "Progress in Brazil"	
	■ Steven Jarrett, Deputy Director, UNICEF Supply Division (USA) "Successes and Constraints in Introducing New Biotechnologies Into Developing Countries"	■ Zhangliang Chen, President, China Agricultural University (China)	
	■ Vishvanath Nene, Investigator, The Institute for Genomic Research (USA)		
10:30-11:00		Break	
11:00-12:30	Plenary Session5: Super Course (Great Hall)  Chair: Lewis Collens, President, Illinois Institute of Technology (USA)  Rapporteur: Rafik Nakhla, Bibliotheca Alexandrina (Egypt)  Ronald LaPorte, Professor of Epidemiology, Graduate School of Public Health, University of Pittsburgh (USA)  "Building a Supercourse of Science"  Sauer Francois, CEO Trans Am Group (USA)  "Supercourse and Social Responsibility for Behavioral Changes in Health"  Ismail Serageldin, Director of Bibliotheca Alexandrina (Egypt)		
12:30-13:30	Lunch Break		
13:30-15:00	Plenary Session 6: Reporting on Parallel Sessions (Great Hall)  1- Health, 2- Agri-Food & Environment, 3- Drought, 4- Diabetes, 5- Ethics, 6- EAGLES		
15:00-15:30	Break		
15:30-17:00	<ul> <li>Plenary Session 7: Closing Session (Great Hall)</li> <li>Ismail Serageldin, Director, Bibliotheca Alexandrina (Egypt)</li> <li>Philippe Desmarescaux, Chairman, The World Life Sciences Forum, Bid</li> </ul>	oVision (France)	