



Office of the Deputy Director-General

S/402/2004

11 February 2004

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NOTE BY THE DIRECTOR-GENERAL

COMPOSITION OF THE SCIENTIFIC ADVISORY BOARD

Background

1. In accordance with the terms of reference of the Scientific Advisory Board (SAB) (C-II/DEC.10, dated 5 December 1997), board members serve a term of three years. Their term of office can be extended for one additional term. The original members of the SAB were appointed by the Director-General in July 1998 (see S/62/98, dated 22 July 1998), and their first term of office ended in July 2001. Eighteen of the original members of the SAB were reappointed for a second term (see subparagraphs 3.3 and 3.4 of EC-XXIV/DG.2, dated 9 March 2001).
2. In April 2002 Professor Claudio Costa Neto of Brazil resigned from the SAB. Member States were informed by note verbale on 20 May 2002 about this vacancy, and were invited to submit the names of suitable candidates to fill it. The seat was kept vacant for some time, however, because it was not considered practical to fill it during the preparatory phase leading up to the First Special Session of the Conference of the States Parties to Review the Operation of the Chemical Weapons Convention (First Review Conference). Prior to and in the months following the First Review Conference, an additional five resignations were received: Professor Marjatta Rautio (Finland) resigned on 21 December 2002; Dr Will Carpenter (United States of America) resigned on 3 February 2003; Dr Claude Eon (France) resigned on 12 May 2003; Professor Weimin Li (China) resigned on 3 June 2003; and Professor Giorgio Modena (Italy) resigned on 23 September 2003.
3. The Director-General wishes to take this opportunity to thank these former members of the SAB for their valuable contributions to the work of the OPCW. All of them have contributed their vast experience and deep knowledge to the work of the SAB and in this way helped the OPCW identify and resolve problems. In addition, they have assisted Member States in understanding the impact of scientific and technological developments on the implementation of the Chemical Weapons Convention (hereinafter "the Convention"), and have responded to requests for scientific advice from the policy-making organs and the Director-General.



New appointments to the SAB in 2003

4. The names of 23 candidates from 16 Member States were received in response to the invitation for proposals for new SAB members, which was issued in May 2002. On this basis and in accordance with the terms of reference of the SAB (C-II/DEC.10), the following 6 new members have been appointed: Dr James Robert Gibson (United States of America), Professor Bjørn-Arne Johnsen (Norway), Dr Young-chul Lee (Republic of Korea), Dr Detlef Männig (Germany), Professor Miguel A. Sierra (Spain), and Dr Rolando A. Spanevello (Argentina).
5. The current composition of the SAB and information about the scientific credentials of all of its members are set out in the Annex to this Note.

Invitation to nominate candidates to the SAB in 2004

6. The Director-General wishes to draw the attention of Member States to the fact that the second (and final) term of those members of the SAB who were among the initial appointees in 1998 will expire in July 2004. Twelve vacancies will need to be filled at that time in order to retain the SAB's statutory strength of 20 members.
7. The Director-General therefore invites Member States to submit nominations to fill these impending vacancies. Nominees should be eminent persons active at such institutions as research institutes, universities, chemical-industry companies, and/or defence and military organisations, and should be experts in those scientific fields that are relevant to the implementation of the Convention. The Director-General will appoint the new members from the list of nominees in accordance with the terms of reference of the SAB. The Director-General will give preference to candidates with experience and scientific training in industrial chemistry, chemical engineering, and chemical defence, and to select candidates who come from currently under-represented regions. Nominations should be submitted by 30 April 2004.
8. In addition to new nominations received in accordance with paragraph 7 above, the Director-General will also consider candidates whose names have been submitted by Member States in the past if those Member States have indicated that their candidatures remain active.

Annex (English only):

Members of the Scientific Advisory Board As at 31 December 2003

Annex**MEMBERS OF THE SCIENTIFIC ADVISORY BOARD
AS AT 31 DECEMBER 2003****Dr Ashok Kumar DATTA**

Former Chief Controller of Research and Development, Defence Research and Development Organisation, Delhi, India. Areas of expertise: organometallic chemistry, applied defence science, environmental safety, material science, life science, safety standards, and chemical disarmament.

Dr Alfred FREY

Scientific and Technical Assessments (STA), Thun, Switzerland. Former Head of the Organic Chemistry Department, Spiez Laboratory. Areas of expertise: military chemistry, chemical defence, and disarmament.

Dr James Robert GIBSON

Currently a consultant in toxicology and occupational safety and health. Management positions in research and development, chemical manufacturing and corporate administration (Corporate Director of Safety and Health) at Dupont. Assistant Director of Dupont's Haskell Laboratory for Toxicology and Industrial Medicine and thereafter Director of Dupont's Crop Protection Products Division (the directorship ended in 2001). Eight years of service on the National Academy of Sciences/National Research Council's Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program. Member of the NRC Committee on Evaluation of Chemical Events at Army Chemical Agent Disposal Facilities. In October 2003, appointed as member of a new NRC Standing Committee on Chemical Demilitarization.

Dr Thomas D. INCH

Former Chief Executive, Royal Society of Chemistry, United Kingdom of Great Britain and Northern Ireland. Formerly Deputy Chief Scientific Officer at the Chemical and Biological Defence Establishment, Porton Down. Areas of expertise: carbohydrate

chemistry, phosphorus chemistry, medical chemistry, drug metabolism, asymmetric synthesis, nuclear magnetic resonance spectroscopy, chemical defence, and chemical disarmament.

Professor Bjørn-Arne **JOHNSEN**

Director of Research, Norwegian Defence Research Establishment, Division for Protection and Material. Areas of expertise: organic chemistry, medical chemistry, environmental toxicology, chemical defence, and physical and medical protection.

Dr Young-chul **LEE**

Senior Engineer at the Korean Institute of Industrial Technology in the fields of petroleum and fine chemicals, plastics, and ceramics, Republic of Korea. Former senior scientist at Oak Ridge National Laboratory and researcher at the Korean Atomic Energy Research Institute. Areas of expertise: polymer science and engineering, chemistry, chemical technology, and chemical disarmament.

Dr Detlef **MÄNNIG**

Director of Applied Technology, Degussa AG, Germany. Member of the German Chemical Industry Association (VCI) Working Group against Chemical Weapons. Chairman of the VCI Working Group against Chemical Weapons. Degussa AG's Manager for Convention issues. Chairman of the European Chemical Industry Association Working Group against Chemical Weapons. Former consultant to the German Delegation to the Conference on Disarmament in Geneva.

Professor Jiří **MATOUŠEK**

Professor of Environmental Chemistry and Toxicology, Faculty of Science, Masaryk University, Brno, Czech Republic. Former Director, Czechoslovak NBC-Defence research and development establishment; Member of the Czechoslovak delegation to the Conference on Disarmament. Areas of expertise: military chemistry and toxicology, chemical defence, and disarmament.

Professor Dr Gerhard **MATZ**

Professor at the Technical University Hamburg-Harburg, Germany. Areas of expertise: CW detection, environmental measurement technology, process measurement technology, and on-site analysis.

Professor Brahim Youcef **MEKLATI**

Director of the Technical and Scientific Research Centre in Physico-Chemical Analysis, Algiers, Algeria. Director of the Organic Functional Analysis Laboratory. Titular Professor at the Chemistry Faculty, University of Science and Technology Houari Boumedienne, Algiers. Areas of expertise: physical sciences, structural organic chemistry, and analytical chemistry.

Dr Koichi **MIZUNO**

Director of the Technology Information Department, National Institute of Advanced Industrial Science and Technology (AIST), Japan. Areas of expertise: destruction of hazardous chemicals, including the disposal of CW; environmental technology; and physical chemistry.

Professor Victor A. **PETRUNIN**

Director, National Scientific Research Institute of Organic Chemistry and Technology, Russian Federation. Academician at the International Academy of Ecology and Nature Utilisation. Areas of expertise: organophosphorus chemistry and CW demilitarisation.

Professor Dr Erno **PUNGOR**

Chairman, Bay Zoltan Foundation, Hungary. Former President of the National Committee for Technological Development. Subsequently, Minister without Portfolio. Area of expertise: analytical chemistry.

Professor Burkhard **SEGER**

Professor at the Faculty of Chemical Sciences, Universidad de Concepcion, Chile. Member of the Chilean Academy of Chemical Sciences. Member of the Chilean Academy of Pharmaceutical Sciences. Area of expertise: destruction of toxic substances by catalytic aqueous oxidation.

Professor Abbas **SHAFIEE**

Dean, Faculty of Pharmacy, Tehran University of Medical Sciences, Islamic Republic of Iran. Member of the Academy

of Medical Sciences. Member of the Board of Directors of the Iranian Pharmaceutical Association. Areas of expertise: pharmacy, pharmaceutical chemistry, organic chemistry, physical chemistry, heterocyclic chemistry, medical chemistry, instrumentation, and natural products.

Professor Miguel **SIERRA**

Professor of Organic Chemistry at the University Complutense of Madrid, Spain. Referee of several leading journals in the areas of organic, organometallic, agricultural, and inorganic chemistry. Member of the American Chemical Society and the Real Sociedad Española de Química. Areas of expertise: organic chemistry, organic synthesis, transition-metal mediated organic and organometallic transformations, environmental organic chemistry, and development of anti-infective agents.

Dr Rolando A. **SPANEVERELLO**

Assistant Professor, Department of Organic Chemistry, School of Biochemical and Pharmaceutical Sciences, Universidad Nacional de Rosario, Argentina. Research Scientist (Project Director) at the Argentine National Scientific Research Council. Areas of expertise: organic synthesis and industrial chemistry.

Professor Theodros **SOLOMON**

Professor, Department of Chemistry, Addis Ababa University, Ethiopia. Member, International Society of Electrochemistry. Former President of the Chemical Society of Ethiopia. Areas of expertise: physical chemistry, electrochemistry, and electro-analytical chemistry.

Professor Dr Branko **STANOVNIK**

Full Professor of Organic Chemistry, Faculty of Chemistry and Chemical Technology, the University of Ljubljana, Slovenia. Head of the Department for International Cooperation for the Slovenian Academy of Sciences and Arts. Member of the Executive Committee of the Federation of European Chemical Societies. Areas of expertise: organic chemistry, heterocyclic chemistry, and organic synthesis.

Professor Stanislaw **WITEK**

Full Professor of Chemical Technology, Department of Chemistry, Wrocław University of Technology, Poland. Scientific Advisor to the Ministry of Foreign Affairs of the Republic of Poland for chemical and biological weapons. Areas of expertise; chemical technology, industrial organic chemistry, chemistry of pesticides and other biologically active compounds, military chemistry, destruction of toxic chemicals, and CW disarmament.

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