

High-Level Summit

on

Fundamental Life Science meets Climate, Environment and Sustainability **new bridges w new partnerships w new opportunities**

under the distinguished patronage of President Emmanuel Macron

in contribution to

*the United Nations International Year of Basic Science for Sustainable
Development*

27 June 2023, Académies des Sciences, 23 Quai Conti, Paris

13.15–14.00 **Opening and Welcome Remarks**

President Emmanuel Macron, France (tbc)

Hirofumi Nakasone, House of Councillors, Japan (and son of former Prime Minister Nakasone who proposed the creation of the Human Frontier Science Program Organization (HFSP) to G7 leaders in 1987)

Yosei Ide, State Minister of Education, Culture, Sports, Science and Technology (MEXT), Japan

Fusae Ota, State Minister of Economy, Trade and Industry (METI), Japan

Xing Qu, Deputy Director-General, UNESCO

Sylvie Retailleau, Minister of Higher Education and Research, France and Summit Co-Host

Shigekazu Nagata, President, International Human Frontier Science Program Organization (HFSP) and Summit Co-Host

Alain Fischer, President, Academy of Sciences, France, and on behalf of convening partners

Michel Spiro, Chair of the Steering Committee, International Year of Basic Sciences for Sustainable Development (IYBSSD), and on behalf of convening partners

Chaired and moderated by **Pavel Kabat**, Secretary-General, HFSP

14.00 – 14.45 **Setting the Scene**

Presentations and discussions by representatives of the major groups convening at the Summit

Robbert Dijkgraaf, Minister of Education, Culture and Science, the Netherlands

Marcia McNutt, President, National Academy of Sciences, USA

Jules Hoffmann, University of Strasbourg, Nobel Laureate Nobel Prize 2011 (Physiology and Medicine)

Nebojsa Nakicenovic, Deputy Chair, Group of Chief Scientific Advisors (GCSA) to the European Commission

Chaired and moderated by: **Mona Nemer**, Chief Science Advisor to the Government of Canada

14.45–15.30 **Strategic and science policy implications of employing basic science to support transformation to sustainability**

Ministerial and Heads of (Inter) Governmental Agencies Panel

Ofir Akunis, Minister of Innovation, Science and Technology, Israel

Stephen Lucas, Deputy Minister of Health, Canada

Anna-Maria Bernini, Minister of University and Research, Italy (tbc)

Thomas Dermine, State Secretary for Economic Recovery and Strategic Investments, with responsibility for Science Policy, Belgium, (tbc)

Blade Nzimande, Minister of Higher Education, Science and Technology, South Africa (tbc)

Alejandro Adem, President, Global Research Council

Claire Giry, Director-General of the Ministry for Higher Education and Research, France

Ottoline Leyser, Chief Executive, UK Research and Innovation (UKRI)

Signe Ratso, Deputy Director-General, DG Research and Innovation, European Commission

Tara Schwetz, Acting Principal Deputy Director, National Institutes of Health, USA

Other Ministers in attendance (Ministers Yosei Ide, Fusae Ota, Sylvie Retailleau and Robbert Dijkgraaf) deliver their remarks in the previous sessions.

Chaired and moderated by: **Abraham Domb**, Chief Scientist, Ministry of Innovation, Science and Technology, Israel

15.30–15.50 **In conversation with:**

Ukrainian scientists and their hosts supported by the HFSPO Scientists for Scientists Initiative

Brief statement by **Vadim Omelchenko**, Ambassador of Ukraine to France (tbc)

Signe Ratso, Deputy Director-General, DG Research and Innovation, European Commission

with:

Anastasiia Maljuk, National Museum of Natural History at the National Academy of Sciences of Ukraine, Kyiv hosted by **Mehran Moazen**, University College London, UK

Solomiya Lebid, Lviv Polytechnic National University hosted by **German Sumbre**, Institut de Biologie, Ecole Normale Supérieure, France

15.50 –16.30 **Break**

16.30 – 17.30 **Science Highlights:**

Tandem talks to illustrate the opportunities to connect science communities for the advancement of the sustainable development agenda

Climate change and health

Andy Haines, London School of Hygiene and Tropical Medicine, UK

Arnaud Fontanet, Institut Pasteur, Paris, France

Chaired and moderated by: **Stewart Cole**, President, Institut Pasteur and **Glenda Gray**, President and CEO, South African Medical Research Council (tbc)

Ocean biodiversity and resources at risk

Chris Bowler, CNRS and Ecole Nationale Supérieure, Paris, France and Stazione Zoologica Anton Dohrn, Naples, Italy

Martin Visbeck, Helmholtz-Centre for Ocean Research, Kiel, Germany

Chaired and moderated by: **Thierry Damerval**, President-Director, Agence nationale de la recherche, France (tbc)

Food security in a changing world

Gabriela Schlau-Cohen, Massachusetts Institute of Technology, USA
Jean-Francois Soussana, French National Institute for Agriculture,
Environment and Food (INRAE), Paris

Chaired and moderated by **Peter Langridge**, Fellow, Australian Academy
of Sciences and **Beverley Glover**, University of Cambridge and Chair of the
HFSP Council of Scientists (tbc)

Individuals, institutions, and societal transformations

Tomomi Shimogori, Riken Center for Brain Science, Japan
Ulf Dieckmann, Okinawa Institute of Science and Technology, Japan and
International Institute for Applied Systems Analysis, Austria

Chaired and moderated by **Ted Hewitt**, Chair, Canada Research
Coordinating Committee and **Gabriela Ramos**, Assistant Director-General
for the Social and Human Sciences, UNESCO (tbc)

17.30-18.45 **How to respond to this Call ?**

17.30-18.00 *Discussion panel of heads of international science policy funding and
coordination organizations*

Maria Leptin, President, European Research Council

Gabriela Ramos, Assistant Director-General for the Social and Human
Sciences, UNESCO

Marc Schiltz, President, Science Europe

Valerie Masson-Delmotte, Co-Chair, Intergovernmental Panel on Climate
Change (IPCC)

Pascale Braconot, Vice Chair of the Joint Scientific Committee, World
Climate Research Programme (WCRP)

Edith Heard, Director General, European Molecular Biology Laboratory

Chaired and moderated by: **Sir Peter Gluckman**, President, International
Science Council (tbc)

18.00–18.45 *Round table of Funding Agency Presidents*

Katja Becker, President, German Research Foundation (or a representative)

Kian Teik Beh, Chief Executive, National Research Foundation, Singapore

Paula Eerola, President, Academy of Finland

Matthias Egger, President of the National Research Council, Swiss National Science Foundation (SNSF) (or a representative)

Anne Kelso, Chief Executive Officer, National Health and Medical Research Council, Australia

Yoshinao Mishima, President, Japan Agency for Medical Research and Development (AMED)

Fulufhelo Nelwamondo, Chief Executive Officer, National Research Foundation, South Africa

Antoine Petit, Chairman and Chief Executive Officer, CNRS, France

Mahmoud Sakr, President, Academy of Scientific Research and Technology, Egypt

Michael Strong, President, Canadian Institutes of Health Research

Mari Sundli Tveit, Chief Executive, Research Council of Norway

Laksana Tri Handoko, Chair, National Research and Innovation Agency, Indonesia (tbc)

Hasan Mandal, President, Tübitak, Turkey (tbc)

Chaired and moderated by: **Lidia Borrell-Damian**, Secretary-General, Science Europe (tbc) and **Theresa Good**, Division of Molecular and Cellular Bioscience, National Science Foundation, USA and Vice President of HFSP (tbc)

18.45 –19.00 ***The Way Ahead***

Sylvie Retailleau, Minister of Higher Education and Research, France

Shigekazu Nagata, President HFSP

Pavel Kabat, Secretary-General, HFSP

19.00–20.30 ***Refreshments***