



CONVENTION ON BIOLOGICAL DIVERSITY

Distr.
GENERAL

UNEP/CBD/BS/TE-BCH/1/5
16 September 2000

ORIGINAL: ENGLISH

MEETING OF TECHNICAL EXPERTS ON
THE BIOSAFETY CLEARING-HOUSE
Montreal, 11-13 September 2000

REPORT OF THE MEETING OF TECHNICAL EXPERTS ON THE BIOSAFETY CLEARING-HOUSE

Introduction

1. On 29 January 2000, the Conference of the Parties to the Convention on Biological Diversity adopted the Cartagena Protocol on Biosafety at its first extraordinary meeting. It also adopted decision EM-I/3, in paragraph 13 of which it requested the Executive Secretary to commence preparatory work on the functioning of the Biosafety Clearing-House referred to in Article 20 of the Protocol. At its fifth meeting, in May 2000, the Conference of the Parties requested the Executive Secretary to convene, prior to the first meeting of the Intergovernmental Committee for the Cartagena Protocol on Biosafety (ICCP), the meeting of technical experts on the Biosafety Clearing-House referred to in the table at the end of decision EM-I/3 (decision V/1, para. 3).

2. Accordingly, the Meeting of Technical Experts on the Biosafety Clearing-House was held in Montreal from 11 to 13 September 2000 at the office of the Secretariat of the Convention to consider issues relevant to information-sharing requirements and the Biosafety Clearing-House as reflected in the work plan of the ICCP endorsed by the Conference of the Parties to the Convention (decision V/1, annex).

I. OPENING OF THE MEETING

3. The Meeting was opened by Mr. Hamdallah Zedan, Executive Secretary of the Convention at 9 a.m. on Monday, 11 September 2000. He welcomed the participants and reminded them of the mandate of the meeting. He also thanked the Governments that contributed financially to ensure a large participation in the meeting and to its successful organization: Austria, Norway, the United Kingdom and the United States of America.

II. ORGANIZATIONAL MATTERS

2.1. Attendance

4. A list of participants in the meeting is annexed to this report.

2.2. Election of officers

5. The following officers were elected by acclamation at the opening session of the Meeting:

Chair: Mr. François Pythoud (ICCP Bureau member, Switzerland)
Rapporteur: Ms. Eliana Fontes (Brazil)

2.3. Adoption of agenda

6. The Meeting adopted the following agenda on the basis of the provisional agenda that had been circulated under the symbol UNEP/CBD/BS/TE-BCH/1/1:

1. Opening of the meeting.
2. Organizational matters:
 - 2.1. Election of officers;
 - 2.2. Adoption of the agenda;
 - 2.3. Organization of work.
3. Issues for in-depth consideration:
 - 3.1. Establishment of the Biosafety Clearing-House;
 - 3.2. Operation of the Biosafety Clearing-House;
 - 3.3. Partnership opportunities.
4. Other matters.
5. Conclusions and recommendations.
6. Adoption of the report.
7. Closure of the meeting.

2.4. Organization of work

7. The Meeting adopted the proposed programme of work as contained in annex II to the annotations to the provisional agenda (UNEP/CBD/BS/TE-BCH/1/1/Add.1).

III. ISSUES FOR IN-DEPTH CONSIDERATION

3.1. Establishment of the Biosafety Clearing-House

8. In considering agenda item 3.1, the Meeting had before it a note by the Executive Secretary on the establishment of the Biosafety Clearing-House (UNEP/CBD/BS/TE-BCH/1/2). A representative of the Secretariat provided an overview of the objectives and development of the clearing-house mechanism of the Convention on Biological Diversity to assist the meeting in its consideration of how the Biosafety Clearing-House and the clearing-house mechanism could fit together conceptually.

9. The conclusions and recommendations of the Meeting under this item are contained in section V below.

3.2. Operation of the Biosafety Clearing-House

10. In considering agenda item 3.2, the Meeting had before it a note by the Executive Secretary on the operation of the Biosafety Clearing-House (UNEP/CBD/BS/TE-BCH/1/3).

11. An introduction to information management issues, system architecture and confidentiality considerations was provided by experts from the International Centre for Genetic Engineering and Biotechnology (ICGEB) and the European Commission.

12. The conclusions and recommendations of the Meeting under this item are contained in section V below.

3.3. Partnership opportunities

13. In considering agenda item 3.3, the Meeting had before it a note by the Executive Secretary on partnership opportunities (UNEP/CBD/BS/TE-BCH/1/4).

14. Representatives from OECD and UNIDO gave a presentation to highlight the opportunities for possible cooperation between their existing information exchange resources and the Biosafety Clearing-House.

15. The conclusions and recommendations of the Meeting under this item are contained in section V below.

IV. OTHER MATTERS

16. Two issues were raised under this item: (i) the role of an advisory/steering committee to assist the Secretariat in the setting up of the Biosafety Clearing-House; and (ii) a review mechanism for the Biosafety Clearing-House. The recommendations reached on these issues are elaborated below.

V. CONCLUSIONS AND RECOMMENDATIONS

17. The Meeting considered the types of information to be processed by the Biosafety Clearing-House identified in paragraphs 25-28 of document UNEP/CBD/BS/TE-BCH/1/2.

18. The Meeting adopted the following conclusions and recommendations for consideration by the Intergovernmental Committee for the Cartagena Protocol on Biosafety at its first Meeting.

19. The Meeting recognized that the clearing-house mechanism and the Biosafety Clearing-House have distinctly different roles; the clearing-house mechanism is for information exchange and to promote scientific and technical cooperation, whereas the Biosafety Clearing-House is also central to the actual implementation of the Protocol.

20. Given the need for the Biosafety Clearing-House to be operational by the time the Protocol enters into force, the Meeting recommended that the Biosafety Clearing-House should be implemented in a phased manner, beginning with a pilot phase.

21. This pilot phase should extend at least until the second meeting of the ICCP, and should have as its objectives:

- (a) Incorporation of the information necessary for implementing the Protocol in a timely manner;
- (b) Ready availability of information to Parties through the Biosafety Clearing-House; and
- (c) Efficient functioning of the Biosafety Clearing-House.

22. Future development of the Biosafety Clearing-House will ensure that all types of information to be processed by the Biosafety Clearing-House are effectively incorporated.

23. This pilot phase should concentrate on:

(a) Information to facilitate decision-making, including that required under the advance informed agreement (AIA) procedure, such as national focal points and competent national authorities; regulations; and summaries of risk assessments and other decisions,

(b) Those requirements for which the Biosafety Clearing-House is part of the procedure for living modified organisms intended for direct use for food or feed, or for processing (LMO-FFPs) (i.e. Article 11, paragraph 1).

24. In discussing the operation of the pilot phase of the Biosafety Clearing-House, the following elements were considered: storage, data submission, validation, indexing and access. Issues related to partnership and resources were also considered by the Meeting.

25. The Meeting recommended using a combination of centralized/decentralized information systems to offer the Biosafety Clearing-House the necessary flexibility for better coordination of the submission of data while ensuring timeliness and links to complementary distributed information.

Information to facilitate decision-making, including that required under the advance informed agreement (AIA) procedure

26. The Meeting recommended the development of a central portal to assist users to access information. The web-page structure used by BIO-BIN may serve as a model.

27. The Meeting recommended a distributed approach to storage of information falling outside of Article 11, paragraph 1. This will consist of a central portal providing the basic information with links directing users to specific information on national and other data sources. The central portal should also be available in the interim for countries without the technological capabilities to host their own information.

28. The Meeting recommended the use of metadata (i.e. descriptive identifiers such as name, author, date, etc.) to facilitate the submission, searching, location and retrieval of information.

29. With regard to submission and validation of information, the Meeting recalled that Parties should ensure the accuracy of the information provided by them through the Biosafety Clearing-House.

Information related to procedures for LMO-FFPs (Article 11, paragraph 1)

30. The Meeting recommended a centralized approach to storage and management of information relating to procedures for LMO-FFPs provided to the Biosafety Clearing-House.

31. The Meeting recommended the development of standard formats/templates and use of metadata to facilitate the submission, searching, location and retrieval of information.

32. With regard to submission and validation of information, the Meeting recalled that Parties are responsible for the accuracy of the information provided to the Biosafety Clearing-House.

33. The Meeting considered that the use of all six United Nations official languages for the submission of information in the standard formats/templates would have resource implications. The Meeting recommended that limiting the number of languages during the pilot phase may facilitate establishment of the Biosafety Clearing-House, and facilitate usability and more efficient administration of the system.

Capacity building

34. The Meeting recommended that emphasis be placed on strengthening the capacities of all Parties to access the Biosafety Clearing-House, particularly with reference to electronic access capabilities. The Meeting considered that the development of regional nodes or networks would facilitate the capacity of Parties to access and provide information to the Biosafety Clearing-House.

35. The Meeting also emphasized the important role of the Biosafety Clearing-House for capacity-building, especially for developing countries and countries with economies in transition, in relation to information-exchange for risk assessment and risk management.

Partnerships

36. The Meeting recommended that partnerships with relevant initiatives be established.

Resources

37. The Meeting recommended that the Secretariat prepare an estimate of resources that would be required to establish the pilot phase of the Biosafety Clearing-House, taking into account the other recommendations of the Meeting, for consideration by the ICCP.

Confidential information

38. The Meeting recommended that all information provided to the Biosafety Clearing-House should be information that is not considered confidential.

Follow-up and evaluation

39. The Meeting recommended that the development of the pilot phase be monitored and reviewed, as a basis for future planning and development of the Biosafety Clearing-House.

VI. ADOPTION OF THE REPORT

40. The present report was adopted on the basis of the draft report that had been circulated as document UNEP/CBD/BS/TE-BCH/1/L.1, on the understanding that the Rapporteur would be responsible, with the assistance of the Secretariat, for its finalization to reflect the proceedings of the closing session and to incorporate the conclusions and recommendations adopted by the Meeting.

VII. CLOSURE OF THE MEETING

41. The Chair declared the Meeting of Technical Experts on the Biosafety Clearing-House closed at 3:30 p.m. on Wednesday, 13 September 2000.

Annex

LIST OF PARTICIPANTS

Government-nominated Experts:

Argentina

Dr. Esteban H. Hopp
Scientific Coordinator
Institute of Biotechnology
CICYA-CNIA INTA, CC25 1712
Castelar, Argentina
Tel. +54-11-4621-1447/1676/1278/1127
Fax: +54-11-4481-2975/4661-4360
Email: ehopp@inta.gov.ar
Website: inta.gov.ar or cnia.inta.gov.ar

Australia

Dr. John Watson
Principal Research Scientist
CSIRO (Commonwealth Scientific & Industrial
Research Organisation) Plant Industry
GPO Box 1600
Canberra City, ACT 2601, Australia
Tel. +61-2-6246-5145
Fax: +61-2-6246-5000/4950
Email: john.watson@pi.csiro.au
Website:

Belgium

Dr. Didier Breyer
Biosafety Expert/Webmaster
Service of Biosafety and Biotechnology
Scientific Institute of Public Health
Rue Juliette Wytsmanstraat 14
Brussels, B-1050, Belgium
Tel. +32-2-642-5293
Fax: +32-2-642-5292
Email: dbreyer@sbb.ihe.be
Website: biosafety.ihe.be

Brazil

Dr. Eliana Fontes
Manager, Nucleus of Technological
Administration on Genomes and GMOs
EMBRAPA/CENARGEN
C.P. 02372
Brasilia, Brazil
Tel. +55-61-448-4683/448-4672
Fax: +55-61-448-4673
Email: eliana@cenargen.embrapa.br
Website:

Bulgaria

Dr. Maria Karadimova
Expert
National Nature Protection Service
Ministry of Environment and Water
22 Maria Louisa Blvd.
Sofia - 1000, Bulgaria
Tel. +359-2-940-6629
Fax: +359-2-980-5561/980-9641
Email: mariakara@moew.govrn.bg
Website:

Cameroon

Mr. Johannes Agbor Takang Eyong
Head, Division of Norms and Environmental
Inspections, Focal Point CHM
Permanent Secretariat for Environment
Ministry of Environment and Forestry
P.O.Box 7814
Yaounde, Cameroon
Tel. +237-234-349
Fax: +237-228-738/219-405
Email: cbd.chmcam@camnet.cm
Website:

Colombia

Dr. Rodrigo Artunduaga-Salas
Head, Biosafety and Genetic Resources Unit
Colombian Agricultural Institute
Calle 37 #8-43 Of 507
Bogota D.C., Colombia
Tel. +571-288-4427
Fax: +571-288-4037
Email: rartunduaga@usa.net
Website:

Croatia

Mr. Marijan Jošt
Professor of Plant Breeding and Seed Production
Plant Breeding and Seed Production
Agricultural College Krizevci
S.Radica 21
48260 Krizevci, Croatia
Tel. +385-48-682-837/681-597
Fax: +385-48-682-790
Email: marijan.jost@kc.tel.hr
Website:

Cuba

Mr. Adolfo Díaz Cordero
Systems Computers Specialist
Ministry of Science, Technology and
Environment
Colon #106, e/Maceo y Virtudes Pinar del Río
Cuba CP 20100
Tel.: +53-082-5183
Fax: +53-082-771-010/082-5183
Email: adiaz_pr@vega.inf.cu

Estonia

Mr. Lauri Klein
Chief Specialist of Biodiversity
Estonian Environment Information Centre
Mustamäe Tee 33
Tallinn, 10616, Estonia
Tel. +372-2-6527-401
Fax: +372-2-6273-312
Email: lauri@ic.envir.ee
Website: envir.ee/itk

European Community

Dr. Karl Doehler
Administrator
European Commission, Directorate-General,
Environment
Avenue de Beaulien 5, Office BU-5, 2/193
Brussels, B-1049, Belgium
Tel. +32-2-299-0409
Fax: +32-2-296-6233
Email: Karl.Doehler@cec.eu.int
Website:

Indonesia

Dr. Pratiwi Pujilestari Sudarmono
Head, Senior Scientist and Researcher
Department of Microbiology, Medical Faculty
University of Indonesia
Jalan Pegangsaan Timur 16
Jakarta 10320, Indonesia
Tel. +62-21-310-0828/0806
Fax: +62-21-310-0810
Email: pratiwi@cbn.net.id
Website:

Iran (Islamic Republic of)

Dr. Nematollah Khansari
Chairman of Biosafety Committee, Professor of
Biotechnology
Department of Environment
Ostad Nejatolahi Ave. No.187
Tehran, Iran (Islamic Republic of)
Tel. +9821-809-6160
Fax: +9821-890-8246
Email: khansari@sina.tums.ac.ir
Website:

Japan

Dr. Yutaka Tabei
Head, Laboratory of Cell Engineering
Department of Biotechnology
National Institute of Agrobiological Resources
2-1-2 Kan-nondai,
Tsukuba, Ibaraki, 305-8602, Japan
Tel. +81-298-8372
Fax: +81-298-8372
Email: tabei@abr.affrc.go.jp
Website:

Kenya

Mr. Joseph Masinde
Environment Officer/Biodiversity Database
Officer
National Environment Secretariat
Ministry of Environment Natural Resources
P.O.Box 67839
Nairobi, Kenya
Tel. +254-2-243-088
Fax: +254-2-248-851
Email: mec@nbnet.co.ke
Website:

Madagascar

Ms. Chantal Nicole Andrianarivo
Head, Research and Biodiversity Cell
National Association for the Management of
Protected Areas (ANGAP)
BP 1424
Antananarivo 101, Madagascar
Tel. +261-20-22-41-554
Fax: +261-20-22-41-539
Email: angap@dts.mg or val@dts.mg
Website: parcs-mada.com

Mexico

Dr. Ariel Alvarez-Morales
Senior Scientist
Center for Research and Advanced Studies
(CINVESTAV)
IPN Unidad Irapuato, Km 9.6
Libramiento Nte. Carr. Irapuato-Leon, Apdo.
Postal 629
Irapuato, Gto., C.P. 36500, Mexico
Tel. +52-4-623-9600/52-4-623-9666
Fax: +52-4-624-5849
Email: aalvarez@ira.cinvestav.mx
Website:

Nigeria

Mr. Mathew Pendry Omare Dore
Assistant Director, Head Biodiversity and
Species Management
Ministry of Environment
P.M.B. 468
Garki, Abuja
Tel.:
Fax: +234-9-523-4931/4119
Email: mpo_dore@yahoo.com
Website:

Pakistan

Dr. Sheikh Riazuddin
Professor of Molecular Biology and Director
National Centre of Excellence in Molecular
Biology
University of the Panjab
Lahore, Pakistan
Tel. +92-42-542-1235/1350
Fax: +92-42-516-4155
Email: riaz@lhr.comsats.net.pk
Website:

Philippines

Mr. Jose Maria Ochave
Legal Advisor and Member of the National
Committee on Biosafety of the Philippines
Center for Science and Technology Law
405 Buena Vida Homes, Merville Park
Parañaque City, Metro Manila, Philippines
Tel. +632-631-8501 ext. 7363
Fax: +632-637-5171/822-0670
Email: ochave@qinet.net or
jaochave@unilab.com.ph
Website:

Poland

Dr. Wieslaw Podyma
Head, National Centre for Plant Genetic
Resources
Plant Breeding and Acclimatisation Institute
(IHAR)
Radzikow
05-870 Blonie, Warsaw, Poland
Tel. +48-22-725-2611
Fax: +48-22-725-4715
Email: w.podyma@ihar.edu.pl
Website: ihar.edu.pl/gene_bank

Republic of Korea

Mr. Jaehoon Kim
Webmaster, Researcher
Korean Chemicals Information Centre
National Institute of Environmental Research
Division of Environmental Risk Research
Environmental Research Park, Kyungseo-Dong,
Seo-Gu
Inchon City, Republic of Korea
Tel. +82-32-560-7067
Fax: +82-32-560-7068
Email: clean@me.go.kr
Website: kcic.nier.go.kr

Slovenia

Ms. Julijana Lebez Lozej
Senior Counsellor
Nature Conservation Office
Ministry of the Environment and Spatial Planning
Dunajska 48
Ljubljana, 1000, Slovenia
Tel. +386-1-478-7318
Fax: +386-1-478-7424
Email: julijana.lebez-lozej@gov.si
Website:

South Africa

Ms. Christelle Du Preez
Assistant Director, Biodiversity Management
Department of Environmental Affairs and
Tourism
Private Bag x447
Pretoria, 0001, South Africa
Tel. +27-12-310-3722
Fax: +27-12-320-7026
Email: cdupreez@ozone.pwv.gov.za
Website:

**United Kingdom of Great Britain and
Northern Ireland**

Dr. William Parish
Principle Scientific Officer
Chemicals and Biotechnology Division
Department of Environment
Ashdown House, 123 Victoria Street
London SW1E 6DE, United Kingdom of Great
Britain and Northern Ireland
Tel. +44-207-944-5237
Fax: +44-207-944-5221/5229
Email: Bill_Parish@detr.gsi.gov.uk
Website: environment.detr.gov.uk

United States of America

Dr. Sally McCammon
Science Advisor
Animal and Plant Health Inspection Service
United States Department of Agriculture
(USDA-APHIS), Unit #98
4700 River Road
Riverdale, MD-20737, United States of
America
Tel. +1-301-734-5761
Fax: +1-301-734-5992/8724
Email: Sally.L.McCammon@usda.gov
Website: aphis.usda.gov

Observers:

ICCP Bureau

Cameroon

H.E. Mr. Philémon Yang
Chairman of ICCP Bureau, Ambassador
Cameroon High Commission to Canada
170 Clemow Ave.
Ottawa, Ontario K1S 2B4, Canada
Tel. +613-236-1522
Fax: +613-236-3885
Email: philyunji@aol.com
Website:

Denmark

Mr. Veit Koester
ICCP Bureau member, Director
International Division
Ministry of Environment and Energy
Haraldsgade 53
DK-2100 Copenhagen, Denmark
Tel. +45-39-47-20-00
Fax: +45-39-27-98-99
Email: vko@sns.dk
Website:

Peru

Dr. Antonietta Gutiérrez Rosati
ICCP Bureau member
Instituto De Investigaciones de la Amazonía
Peruana (IIAP)
Jr. Huayna Capac 1105 - Jesus Maria
Lima 11, Perú
Tel. +511-332-2795
Fax: +511-479-2866
Email: angel@amauta.rcp.net.pe
Website:

Switzerland

Dr. François Pythoud
Senior Scientific Officer, ICCP Bureau member
SAEFL (Swiss Agency for the Environment,
Forests and Landscape)
CH-3003 Berne, Switzerland
Tel. +41-31-322-9395
Fax: +41-31-324-7978
Email: francois.pythoud@buwal.admin.ch
Website: buwal.admin.ch/slobobio/biotech

France (ex-officio)

Dr. Eric Schoonejans
Ministère de l'Aménagement du Territoire et de
L'Environnement
Biotechnologies/BBIAA-SEI-DPPR,
20 Av. De Segur
75302 Paris 07 SP, France
Tel.: +33-1-4219-1417
Fax: +33-1-4219-1467
Email:
Eric.Schoonejans@environnement.gouv.fr
Website:

Mr. Olivier Letodé
Chargé de Mission Biotechnologies
Ministère de l'Agriculture et de la Pêche
251 rue de Vaugirard
75015 Paris, France
Tel. + (33-1) 49-55-84-13
Fax: + (33-1) 49-55-59-48
Email: olivier.letode@agriculture.gouv.fr
Website: agriculture.gouv.fr

United Nations and Specialized Agencies

Global Environment Facility (GEF)

Dr. Mario Ramos-Olmos
Program Manager, Biodiversity
Global Environment Facility (GEF)
1818 H.Street N.W.
Washington D.C. - 20433
United States of America
Tel. +1-202-473-3297
Fax: +1-202-522-3240
Email: mramos@worldbank.org
Website:

United Nations Environment Programme (UNEP)

Mr. Paul Chabeda
Head, Biodiversity related Conventions and Land Branch
Division of Environmental Conventions
UNEP
P.O.Box 30552
Nairobi, Kenya
Tel. +254-2-62-3877/3636
Fax: +254-2-62-3926/3400
Email: paul.chabeda@unep.org
Website: www.unep.org

Dr. Julian Kinderlerer
Programme Coordinator on Biosafety
UNEP
P.O.Box 30552
Nairobi, Kenya
Tel. +254-2-62-3377
Fax: +254-2-62-4041
Email: julian.kinderlerer@unep.org
Website: www.unep.org

Mr. Jeremy Harrison
UNEP World Conservation Monitoring Center
219 Huntington Road
Cambridge CB3 0DL, United Kingdom of Great Britain and Northern Ireland
Tel. +44-1223-277-314
Fax: +44-1223-277-136
Email: jerry.harrison@wcmc.unep.org
Website: www.unep-wcmc.org

United Nations Industrial Development Organization (UNIDO)

Dr. George Tzotzos
Chief, Biodiversity Unit
Environmental Management Branch
UNIDO
Vienna International Centre, P.O.Box 300
Vienna - 1400, Austria
Tel. +43-1-260-26-4336
Fax: +43-1-211-31-6810
Email: george@binas.unido.org
Website: binas.unido.org/binas

Intergovernmental Organizations

International Centre for Genetic Engineering and Biotechnology (ICGEB)

Mr. Giovanni Ferraiolo
Programme Officer, ICGEB Biosafety Unit
International Centre for Genetic Engineering and
Biotechnology - ICGEB
Area Science Park, Padriciano 99
Trieste - 34012, Italy
Tel. +39-40-3757-364
Fax: +39-40-226-555
Email: ferraiol@icgeb.trieste.it
Website: icgeb.trieste.it

Organisation for Economic Co-operation and Development (OECD)

Mr. Peter Kearns
Principal Administrator
OECD - Environment Directorate
2, rue André-Pascal
Paris - 75775, Cedex 16, France
Tel. +33-1-4524-1677
Fax: +33-1-4524-1675
Email: Peter.Kearns@oecd.org
Website: oecd.org/ehs/service.htm

European Commission

Mr. Guy Van Den Eede
Head of Sector, Biotechnology-Food and
Environment
Food Products Unit
Institute for Health and Consumer Protection,
European Commission Directorate General-Joint
Research Centre
Ispra, Italy
Tel. +39-0332-78-5239
Fax: +39-0332-78-5483
Email: guy.van-den-eede@jrc.it
Website: food.jrc.it/gmo

Non-governmental Organizations:

Third World Network

Ms. Li Lin Lim
Researcher
Third World Network
228 Macalister Road
Penang - 10400, Malaysia
Tel. +604-226-6159/226-6728
Fax: +604-226-4505
Email: twn@igc.apc.org
Website: twnside.org.sg

Industry:

Global Industry Coalition

Mr. Willy De Greef
Head, Regulatory and Government Affairs
Novartis Seeds AG
R-1004-825
Basel - 4002, Switzerland
Tel. +41-61-697-5765
Fax: +41-61-697-5234
Email: willy.degreef@seeds.novartis.com
Website:
