



EMAN

Euro Mediterranean Academic Network

A brief outline



Issued by



ACCADEMIA NAZIONALE DEI LINCEI

Rome 2012

*(...) Oh! Méditerranée! Et le miracle de ton histoire,
Tu l'enfermes tout entier
Dans l'explosion de ton sourire (...)*

Albert Camus, Méditerranée, 1933



EMAN's fundamental mission is to foster science and culture in order to promote development and scientific excellence in the Mediterranean Region, and thereby attempt to be a driving force to human wellbeing in Countries belonging to three continents, admittedly a challenging and ambitious task.

This pamphlet is intended to illustrate very briefly the nature and the structure of EMAN and the fundamental motivations that inspired its inception at the initiative of the GID, as well as to make public its STATUTES approved by the first General Assembly in Alexandria (Egypt) on June 21st, 2010.

MAURIZIO BRUNORI
President of EMAN
Accademia Nazionale dei Lincei, Italy

Professor François Gros, Président Honoraire du Groupe Inter-académique pour le Développement (GID) et Secrétaire Perpétuel Honoraire de l'Académie des sciences (France), made the following statement at the first Conference of GID (Paris, June 2008).

«A new role is clearly outlined for the Mediterranean Academies, which raises planetary level issues. The conclusions drawn by the 3 workshops on June 26th morning, clearly justify the Mediaterranean Academies' missions. Multidisciplinary environment issues, the emergence of knowledge in societies lie in the core of them. Science, inequality, poverty are at the heart of the current problems of knowledge, education, development, and peace. All this needs an integrative vision which can be provided by rejuvenated Academies. EMAN could give an example to the world in these fields. The current challenges nurture a legitimate enthusiasm».

The MISSION

EMAN, an autonomous network including the Academies of Science of the Mediterranean Countries, is a non-governmental, non-political and non-profit organization, whose mission is to promote the growth and coordination of a *Mediterranean Science Area*. In view of its unique identity, a blend of its bio-genetic unity and its cultural and biological diversity, the Mediterranean Region is an ideal laboratory for a shared scientific and technological as well as social and human development, an urgent endeavor in a global world.

The general objective of the EMAN is to act as an independent Euro-Mediterranean forum to encourage the Academies of all Mediterranean Countries to cooperate and discuss the scientific aspects of problems of common concern, to prepare joint statements on major issues relevant to the development of the Mediterranean Region, and to provide mutual support to Member Academies. Eligible for membership of EMAN are all Academies of science of the Mediterranean Region that elect their members on the basis of scientific merit and that do not deny membership on ideological, ethnical, religious or gender-related grounds. In pursuing its objective, EMAN seeks collaboration with Academies outside the Region as well as with international organizations.

Specific aims of EMAN are: to elaborate and provide advice to governments and regional organizations; to promote cooperation among the Academies in the Mediterranean Region; to built their capacity to improve their role as independent expert advisors to governments; to assist science communities to set up national independent Academies where such bodies do not exist; to organize conferences, workshops and symposia; to issue statements and prepare reports on topics of major Mediterranean concern.

The mission of the EMAN is fulfilled by the GID (*Groupe Inter-académique pour le Développement*) that has undertaken several concrete initiatives, including the organization of the *Parmenides IV Conference on Water and Sanitation: Health Challenges in the Mediterranean Region* (Rabat, 22-24 November 2011). This followed three previous Conferences held, respectively, in Alexandria at the the Bibliotheca Alexandrina in June 2010 (*Parmenides III Conference on Mediterranean wealth and diversity: biology and culture*), in Rome at the Accademia Nazionale dei Lincei in October 2009 (*Science and health in the Mediterranean Countries*), and in Paris at the Académie des sciences in June 2008 (*Environment and sustainable development*). The last Conference *Parmenides V*, held in Paris on 20-21 March 2012, has been a unique opportunity to present an integrated version of the scientific, technical and cultural development in the Mediterranean, through *innovation, integration, and investment* (see: www.g-i-d.org).

The Mediterranean is an area of our planet endowed with unique features being at the same time the birthplace of civilization/s and the site of diversity *par excellence* encompassing social, cultural, ecological and political diversity. EMAN, with its center of gravity in the Mediterranean, may acquire the role of a challenging model and a laboratory for North-South cooperation for scholarship and science. IAP, the global network of science academies, has recognized to EMAN a status of Observer regional network (see: <http://www.interacademies.net/Academies/11796/Observers/18869.aspx>).

The EXECUTIVE COMMITTEE

The first General Assembly of EMAN was held at the Bibliotheca Alexandrina, Alexandria (Egypt), on June 21st, 2010. On that occasion the General Assembly approved the Statutes of EMAN and elected the members of the Executive Committee.

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The CONSTITUENCY

Albania:	Albanian Academy of Sciences
Algeria:	<i>no academy of science</i>
Bosnia and Herzegovina:	Academy of Sciences and Arts of Bosnia and Herzegovina
Croatia:	Croatian Academy of Arts and Sciences
Cyprus:	Cyprus Research and Educational Foundation
Egypt:	Academy of Scientific Research and Technology <i>and</i> Bibliotheca Alexandrina
France:	Académie des sciences, Institut de France
Greece:	Academy of Athens
Israel:	Israel Academy of Sciences and Humanities
Italy:	Accademia Nazionale dei Lincei
Jordan:	Royal Scientific Society of Jordan
Lebanon:	Lebanese Academy of Sciences
Libya:	<i>no academy of science</i>
Malta:	Malta Council for Science and Technology
Monaco:	Institut Océanographique - Fondation Albert 1 ^{er}
Montenegro:	Montenegrin Academy of Sciences and Arts
Morocco:	Académie Hassan II des Sciences et Techniques
Palestinian Nat. Authority:	Palestine Academy for Science and Technology
Portugal:	Academia das Ciências de Lisboa
Senegal:	Académie Nationale des Sciences et Techniques du Sénégal (<i>Observer</i>)
Serbia:	Serbian Academy of Sciences and Arts
Slovenia:	Slovenian Academy of Sciences and Arts
Spain:	Real Academia de Ciencias Exactas, Físicas y Naturales
Tunisia:	Académie Tunisienne des Lettres, des Sciences et des Arts Beït-Al-Hikma
Turkey:	Turkish Academy of Sciences

The STATUTES

*as approved in Alexandria (Egypt) by the 1st General Assembly of EMAN, 21 June 2010
and amended by the extraordinary General Assembly of EMAN in Rabat (Morocco) on 22 November 2011*

Article 1. Establishment

1.1 The Euro-Mediterranean Science Academies Network, hereinafter referred to as the EMAN, is an autonomous scientific organization established at the initiative of the Inter-Academic Group for Development (GID) by Academies of Science in the Mediterranean Region.

1.2 EMAN shall be a non-governmental, non-political and non-profit scientific organization.

Article 2. Objectives

2.1 The general objective of the EMAN is to act as an independent Euro-Mediterranean forum that brings together Academies of Science on the region to discuss the scientific aspects of problems of common concern, to make joint statements on major issues relevant to the Mediterranean region and to provide mutual support to Member Academies. In pursuing this objective EMAN shall collaborate with other Academies inside and outside the region as well as with international organizations concerned with Mediterranean issues.

2.2 The specific objectives of EMAN are to:

2.2.1 Facilitate the provision of advice to governments and regional organizations on scientific aspects of issues of importance to the Mediterranean region's development.

2.2.2 Promote cooperation among Academies in the Mediterranean region by exchanging information on program implementation and experiences as well as sharing common visions;

2.2.3 Assist in building the capacities of Academies in the Mediterranean region to improve their role as independent expert advisors to governments and to strengthen their national, regional and international functions;

2.2.4 Assist science communities in the Mediterranean region to set up national independent Academies where such bodies do not exist;

2.2.5 Organize conferences, workshops and symposia and issue statements or reports on topics of major Mediterranean concern.

Article 3. Activities

In pursuing its objectives EMAN may, inter alia, undertake the following activities:

3.1 Exchange information among academies of sciences on programs and experiences and develop common visions;

3.2 Facilitate, directly or through its members and other organizations, the provision of expert advice to governments and international organizations;

3.3 Assist in strengthening the capacities of academies of sciences, particularly newly established academies, in the Mediterranean region;

3.4 Assist Mediterranean science communities, to set up national or regional academies of sciences if no such body exists;

- 3.5 Organize conferences, workshops and symposia on themes and topics that fall within its objectives;
- 3.6 Participate in Joint Research Projects according to the specific missions of the academies; and
- 3.7 Undertake such projects and actions as it seems appropriate for achieving its objectives.

Article 4. Membership

4.1 Eligible for membership of EMAN are academies of sciences in the Mediterranean region that elect their members on the basis of scientific merit and that do not deny membership on ideological, ethnical, religious or gender-related grounds. For national academies there will in principle be one member academy per country.

4.1.1 If a country does not have an academy of sciences that is a member of EMAN, an equivalent merit-based, representative organization may be admitted to membership.

4.1.2 If a country has multiple academies of sciences, those academies may be represented by one of them or by another single representative as agreed by them.

4.2 Application for Membership must be made in writing to the EMAN Secretariat and shall first be considered by the Executive Committee, followed by the final decision by the General Assembly. Correspondence in this regard shall either be through electronic or postal mail.

4.3 Associations of national academies of sciences and academies from non-Mediterranean countries may be admitted to the EMAN as observers, without the right to vote. Observers cannot be elected as members of the Executive Committee of EMAN.

4.4 Non-member academies or those not yet members of EMAN may participate in EMAN programs and activities if invited to do so by the Executive Committee.

4.5 If a member academy has not participated in EMAN or its programs and activities for more than five consecutive years, the EMAN Executive Committee shall consult with that academy and, if the situation of non-activity persists for one additional year, they may propose to the General Assembly that membership be suspended and a decision be made on the termination of membership.

4.6 In case of controversy about membership, particularly in relation to the criteria for membership as provided for in article 4.1, the EMAN General Assembly shall make a final decision, taking account of the advice of the EMAN Executive Committee.

Article 5. General Assembly

5.1 As the highest decision-making body of EMAN, the EMAN General Assembly shall have final authority, subject to the provisions of these Statutes, on all matters affecting the EMAN.

5.2 The General Assembly shall consist of the Presidents of all academies of sciences that are members of EMAN. The President of an academy of sciences may designate a representative from among the leadership of the academy.

5.3 The General Assembly shall, in particular, make the following decisions:

- a. Approve general EMAN strategies and policies;
- b. Elect new member academies and observer academies; elect members to the EMAN Executive Committee; and decide the academy hosting the EMAN Secretariat;

c. Direct the Executive Committee to carry out any tasks deemed necessary for achieving the objectives of EMAN.

5.4 The General Assembly shall adopt and may amend these Statutes and/or Rules of Procedure with a two-thirds majority vote; an abstention is not considered a vote.

5.5 The General Assembly may delegate specific tasks or responsibilities to the EMAN Executive Committee.

5.6 The General Assembly may only take formal decisions if at least two-thirds of all EMAN member academies are represented at a meeting. Unless explicitly provided otherwise in these Statutes or in rules of procedure, the General Assembly shall decide by a majority vote; an abstention is not considered a vote. A vote shall be taken by hand-raising unless at least five members request a secret ballot. Decisions relating to a specific person or persons shall always be taken by a secret ballot.

5.7 The EMAN President or Executive Committee may invite other organizations to participate as observers without the right to vote in a meeting of the General Assembly if that organization contributes, or may contribute, to EMAN programs and activities.

5.8 The General Assembly shall meet in an Ordinary Session every three years, and that meeting shall coincide normally with a general conference. The place and date of the Ordinary Session shall be decided by the General Assembly, or, failing that, by the Executive Committee. A 3-month notice is required for these meetings. Countries that do not have National Academies, but do have Scientific Associations can be invited to the General Assembly as observers.

5.9 In between Ordinary Sessions of the General Assembly, the Executive Committee may appoint Member Academies to undertake specific assignments of principal importance. A decision to authorize this appointment would be reached through fifty percent (50%) of the votes cast by Member Academies, received either electronically or through postal vote; and

5.10 The EMAN Executive Committee shall convene an extraordinary session of the General Assembly if at least 25% of EMAN member academies request them to do so.

Article 6. Executive Committee

6.1 The Executive Committee shall comprise the following:

- a. The President
- b. Three Vice-Presidents
- c. The Secretary-General
- d. The Treasurer

6.2 The Executive Committee shall, in particular, be responsible for:

- a. Setting the time and venue for the meetings of the General Assembly;
- b. Preparing the agenda of the meetings of the General Assembly;
- c. Implementing the decisions taken by the General Assembly;
- d. Securing funding for EMAN programs and activities;
- e. Approve programs and activities, as well as their budgets;
- f. Establishing the budgets for programs and activities; and
- g. Ensuring that actual spending is in accordance with these budgets;

- h. Implementing the policies approved by the General Assembly and managing the affairs of EMAN;
- i. Setting up such standing or ad hoc committees for programs or projects as it deems necessary for the work of EMAN;
- j. Initiating and maintaining programs and projects designed to meet EMAN objectives;
- k. Polling member academies on a specific issue with a view to preparing a EMAN statement on that issue. Such statements may be made public in accordance with special Rules of Procedure to be adopted by the General Assembly.

6.3 Election of the Executive Committee Members, to reflect a wide geographical distribution, shall be held once every three years by those Member Academies present at an Ordinary Session of the General Assembly.

6.4 Members of the Executive Committee shall serve for a period of three years and can be re-elected for only one successive term; no Member Academy can serve for more than six consecutive years on the Executive Committee.

6.5 If any Member Academy of the Executive Committee resigns or is unable to carry out their duties, the vacancy shall be filled by the Executive Committee until the next Ordinary Session of the General Assembly.

6.6 The Executive Committee shall meet at least once a year with provision to meet as often as is necessary.

Article 7. Secretariat

7.1 Under the guidance of the EMAN Executive Committee, the EMAN Secretariat shall support EMAN governing organs in the discharge of their respective responsibilities. Secretariat official(s) shall therefore always be present at the Executive Committee and General Assembly meetings in ex-officio capacity.

7.2 The EMAN Secretariat shall be hosted by a EMAN member academy elected by the General Assembly for a term of six years.

- a. The term of a host academy shall be renewed automatically unless at least one year before the end of a term the Executive Committee decides to propose to the General Assembly to elect another host academy.
- b. If the host academy wishes to terminate its role as host academy, it shall notify the Executive Committee of that intention at least one year before the end of its term as host academy.

7.3 The Secretariat shall, in particular, be responsible for:

- a. Establishing close cooperation between EMAN officers and member academies;
- b. Preparing for and organizing all official EMAN meetings;
- c. Disseminating relevant materials to member academies;
- d. Preparing an Annual Report on EMAN programs and activities;
- e. Maintaining working relations with other relevant organizations;
- f. Receiving and disbursing the funds of EMAN; and

7.4 The staff of the Secretariat shall be appointed and remunerated by the host academy. The Executive Committee shall establish the rules and regulations to govern the tasks and responsibilities of the Secretariat.

7.5 The Secretariat shall be responsible for the finances of EMAN in accordance with the directives of the Executive Committee and shall establish appropriate conditions for receiving funds from governmental and private sources.

7.6 The Secretariat shall prepare and present reports of the finances and audited accounts to the Executive Committee and the General Assembly.

Article 8. The President

8.1 The President shall be the Chief Executive Officer (CEO) of EMAN.

8.2 The President shall be the Chairperson of the Executive Committee and shall present to the Executive Committee all matters related to EMAN.

8.3 The President shall preside at meetings of the General Assembly and shall present to the General Assembly a report on the activities of EMAN.

Article 9. The Vice-Presidents

9.1 There shall be three Vice-Presidents.

9.2 Each Vice-President shall have specific tasks to be specified by the EMAN Executive Committee.

9.3 In the absence of the President, one of the Vice-Presidents shall act as President.

Article 10. The Secretary-General

10.1 The Secretary-General shall be the administrative officer responsible to the Executive Committee for all official correspondence of EMAN and of the Executive Board.

10.2 The Secretary-General shall be responsible for the general conduct and control of the office work of EMAN. He or she shall be responsible for keeping official documents and publications pertinent to EMAN.

10.3 The Secretary-General shall attend and take minutes at the meetings of the Executive Committee and the General Assembly and shall be responsible for the accuracy of the minutes.

Article 11. The Treasurer

11.1 The Treasurer shall be responsible for managing the financial affairs of EMAN. He or she shall maintain the records of the financial accounts of the organization.

11.2 The Treasurer shall present financial reports, covering income and expenditure at all meetings of the Executive Committee and at the General Assembly.

Article 12. Internal relations

12.1 The official EMAN site through the GID portal shall be the main source of information for all academy members as well as the official format for all academy members to safely communicate with each other.

12.2 Correspondence through electronic or postal mail shall also be accepted as a valid and official format of communication among academy members.

Article 13. External relations

13.1 EMAN shall collaborate closely with all related and like-minded organizations.

13.2 The EMAN shall develop cooperative relations with other academies that are non-EMAN members or federations of academies for the purpose of sharing experiences.

13.3 EMAN shall constitute and support the work of any Expert Group or Advisory Board by transmitting to the Executive Committee a list of nominees proposed by EMAN member academies. These can be constituted on an ad hoc or programmatic basis.

Article 14. Resources

14.1 EMAN shall set up mechanisms to generate funds and accept donations and gifts provided that the conditions for such donations and gifts do not compromise its objectives.

14.2 The host academy shall bear all costs of the Secretariat, including salaries, office space, travel and communication.

14.3 The Executive Committee shall seek funding from governments, international organizations and other sources to meet operational costs, as well as the costs of programs and activities of EMAN.

14.4 The Executive Committee may also request member academies to make voluntary or in-kind contributions to EMAN as such or to any of its programs and activities.

Article 15. Audit of Accounts

The accounts of EMAN shall be audited annually by an external auditor and the audit report presented to the Executive Committee for approval and later to the General Assembly for endorsement.

Article 16. Amendments

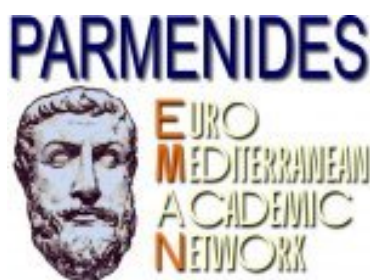
Any section of these statutes may be amended by a two-third majority of Member Academies present and voting at an Ordinary Session of the General Assembly.

Article 17. Dissolution

17.1 EMAN shall only be dissolved in such a manner as agreed upon by the two thirds of the membership.

17.2 The General Assembly shall decide on all pending issues at the time of the dissolution of EMAN.

The CONFERENCES



Initiated by the French *Académie des sciences*, an academic program (called *Parmenides*) was launched in order to promote collaboration between the Academies of sciences from all Mediterranean Countries, with the common mission to foster development and scientific excellence, and create a Mediterranean space of science.

The Academies from Italy, Morocco, Senegal, Spain and Turkey, along with the Bibliotheca Alexandrina (Egypt) and the Malta Council for Science and Technology, joined immediately the initiative, that was supported by UNESCO and, in France, by the *Groupe Inter-académique pour le Développement* (GID, Inter-Academic Group for Development) of the Académie des sciences and other French institutions (the Academies of Moral and Political Sciences, of Medicine, of Agriculture, of Technologies, and the Arab World Institute in Paris).

The goals of the *Parmenides* Conferences are:

- **Promote and foster a scientific identity of the Mediterranean region;**
- **Use science as a permanent vector for development, as well as for social and economic progress;**
- **Organize excellence based inter-academic workshops focused on specific topics in S&T;**
- **Enhance continuous collaboration through the scientific academic network.**

The *Parmenides* Conferences were held in Paris (*Parmenides I*, 2008), in Rome (*Parmenides II*, 2009), in Alexandria (*Parmenides III*, 2010), in Rabat (*Parmenides IV*, 2011), in Paris again (*Parmenides V*, 2012).

The programs of the *Parmenides* Conferences I through V are summarized below.

Parmenides I (Paris, 2008)

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Vers un espace méditerranéen de la science

Paris, 24 - 26 juin 2008

Ateliers

Mardi 24 juin

14h - 15h Séance plénière d'ouverture

15h - 18h Ateliers en parallèle (Atelier 1: Agriculture et développement durable - Atelier 2: Halieutique et environnement marin - Atelier 3: Impacts du changement climatique et adaptations)

Mercredi 25 juin

9h - 12h Suite des ateliers

14h - 18h Séance plénière: restitution des ateliers et débat

Conférence Scientifique Méditerranéenne

Jeudi 26 juin

8h30 - 8h40 Ouverture par le Chancelier de l'Institut de France

8h40 - 9h00 Le projet d'Union pour la Méditerranée

9h00 - 9h40 La Méditerranée et l'Union Européenne

9h40 - 10h40 Les dimensions scientifiques. Synthèse des ateliers et synthèse générale par M. Kemal Derviş

11h00 -12h30 L'avenir

Le réseau *Parmenides* (Pr. André Capron)

Sciences et espace méditerranéen (M. Dominique Baudis, Président de l'Institut du Monde Arabe)

The future of our Mediterranean civilisation – Science, Culture and Economics of Development (Pr. Ahmed Zewail, Prix Nobel de Chimie)

Science et dialogue des cultures (Henri Guaino, Conseiller Spécial du Président de la République)

12h30 -13h00 Clôture, M le Ministre des Affaires étrangères et/ou Mme la Ministre de l'Enseignement supérieur et de la Recherche (*à confirmer*)

14h30 -17h30 Le réseau inter-académique et le programme *Parmenides*. Réunion constitutive

Parmenides II (Rome, 2009)

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Science and health in the Mediterranean Countries: genes, pathogens and the environment

Rome, 12 - 14 October 2009

ACCADEMIA NAZIONALE DEI LINCEI, PALAZZO CORSINI

Sponsored by

MINISTERO DELLA SALUTE, MINISTERO DEGLI AFFARI ESTERI, FONDAZIONE ROMA - MEDITERRANEO,
ISTITUTO SUPERIORE DI SANITÀ, FONDO «AMALIA BRUNO FRASSETTO»

Scientific advisory committee: Jean-François BACH (France), Maurizio BRUNORI (Italy), André CAPRON (France), Antonio CASSONE (Italy), Bruno DALLAPICCOLA (Italy), Rajae EL AOUAD (Morocco), Claude GRISCELLI (France), Lucio LUZZATTO (Italy), Arnold MÜNNICH (France), Giuseppe NOVELLI (Italy), Fabrizio OLEARI (Italy), Charles PILET (France), Albert SASSON (Morocco), Mario STEFANINI (Italy), Alain-Jacques VALLERON (France), Paolo VILLARI (Italy), Yehia Halim ZAKY (Egypt)

Organizing committee: Maurizio BRUNORI (*Chair*), Antonio CASSONE, Lucio LUZZATTO, Giuseppe NOVELLI, Mario STEFANINI

Monday, 12 October

Opening Ceremony

16.30 Welcome addresses:

Lamberto MAFFEI, Presidente, Accademia Nazionale dei Lincei; Ferruccio FAZIO, Vice Ministro, Ministero della Salute; Jean-Marc DE LA SABLIERE, Ambassadeur de France en Italie; Emmanuele F. M. EMANUELE, Presidente, Fondazione Roma - Mediterraneo; Enrico GARACI, Presidente, Istituto Superiore di Sanità; André CAPRON, President du GID

Opening remarks by Rita LEVI-MONTALCINI (Italy), Nobel Laureate in Medicine 1986

18.00 *Chair*: Maurizio BRUNORI (Italy)

Keynote lecture by Rino RAPPUOLI (Italy): *Vaccines, a health insurance of the 21st century*

Tuesday, 13 October

8.30 Symposium 1 - **Genetic diseases**

Chair: Bruno DALLAPICCOLA (Italy), Claude GRISCELLI (France)

Speakers: Arnold MÜNNICH (France), Nejat AKAR (Turkey), Marc BARTOLI (France), Abdelaziz SEFIANI (Morocco), Marina KLEANTHOS (Cyprus), Amos ETZIONI (Israel)

10.30 Symposium 2 - **Hereditary and environmental factors in chronic diseases**

Chair: Ruth ARNON (Israel), Magdi H. YACOUB (Egypt)

Speakers: Alain-Jacques VALLERON (France), Silvia NAITZA (Italy), Gideon REHAVI (Israel), Massimo FEDERICO (Italy), Carlos MARTINEZ-A. (Spain), Pier Luigi BENEDETTI PANICI (Italy), Abdelali HAOUDI (Qatar), Michèle GENDREAU-MASSALOUX (France)

14.00 Symposium 3 - **Epidemiology of infectious and emerging diseases**

Chair: Pietro CAPPUCCINELLI (Italy), François GROS (France)

Speakers: Antonio CASSONE (Italy), Suher ZADA (Egypt), Angelos HATZAKIS (Greece), Salah OTTMANI (Morocco/WHO), Ilaria CAPUA (Italy), Charles PILET (France), Giovanni ROMEO (Italy)

16.30 - 19.30

THE ROUND TABLES

Round Table 1 - **Genetic diseases**

Chairpersons and *Rapporteurs*: Claude GRISCELLI (France), Arnold MÜNNICH (France), Giuseppe NOVELLI (Italy)

Discussants: Nejat AKAR (Turkey); Antonio CAO (Italy); Bruno DALLAPICCOLA (Italy); Amos ETZIONI (Israel); Alex E. FELICE (Malta); Moien KANAAN (Palestine); Marina KLEANTHOS (Cyprus); Marc BARTOLI (France); Abdelaziz SEFIANI (Morocco)

Round Table 2 - **Hereditary and environmental factors in chronic diseases**

Chairpersons and *Rapporteurs*: Franco CECCHI (Italy), Alain-Jacques VALLERON (France), Yehia Halim ZAKY (Egypt)

Discussants: Sébastien ABIS (France); Ruth ARNON (Israel); Massimo FEDERICO (Italy); Antonio GOLINI (Italy); Carlos MARTINEZ-A. (Spain); Silvia NAITZA (Italy); Fabrizio OLEARI (Italy); Gideon REHAVI (Israel); Yehuda SHOENFELD (Israel)

Round Table 3 - **Epidemiology of infectious and emerging diseases**

Chairpersons and *Rapporteurs*: Antonio CASSONE (Italy), Yücel KANPOLAT (Turkey), Charles PILET (France)

Discussants: Ahmed ACHRIS (Lybia); Silvia BINO (Albania); Ilaria CAPUA (Italy); Maged EL SHERBINI (Egypt); El Said EL SHERBINI (Egypt); Antonio GÜELL (France); Angelos HATZAKIS (Greece); Giuseppe IPPOLITO (Italy); Giovanni REZZA (Italy); Jorge TORGAL (Portugal); Paolo VILLARI (Italy); Suher ZADA (Egypt)

Wednesday, 14 October

8.30 Approval by the Round Table participants of the concluding remarks/synthesis.

Plenary session

9.30 *Chair*: Mario STEFANINI (Italy)

Lecture by Gilberto CORBELLINI (Italy): *Italian scientific contribution to the understanding of Malaria ecoepidemiology: a historical account*

10.15 *Chair*: André CAPRON (France), Fabrizio OLEARI (Italy)

Rapporteurs presenting and commenting the syntheses/ documents of the 3 Round Tables.
General discussion and approval of documents.

12.30 *Chair: André CAPRON (France)*
Lecture by Lucio LUZZATTO (Italy): *Genes, environment and cancer*

13.15 Final addresses

Parmenides III (Alexandria, 2010)

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Mediterranean Wealth and Diversity. Biology and Culture

Bibliotheca Alexandrina, 21-24 June 2010
Alexandria - Egypt

With the support of the French Ministry of Foreign and European Affairs, Agence Française de développement, the UNESCO French National Commission, the Cino del Duca Foundation, the Institut de France, the UNESCO, the French Embassy in Cairo, as part of the *Franco-Egyptian 2010 Year for Science and Technology*.

Organization (Bibliotheca Alexandrina): Yehia Zaky, Omneya Darwish, Marwa Abdelrassoul
Organization (GID): André Capron, Académie des sciences, Président; Jacques Fröchen, Secrétaire général; Francis Segond, Communication

Scientific Committee: Philippe Taquet, Académie des sciences; Maurizio Brunori, Accademia Nazionale dei Lincei

The Tree: Jean-Paul Lanly (Académie d'agriculture de France, AAF); Francis Cailliez (AAF); Gérard Bégni (Centre national d'études spatiales, CNES - GID)

The Fish: Gilles Boeuf (Président du Muséum National d'Histoire Naturelle); Michel Petit (Académie des sciences, Institut Océanographique de Monaco)

The Book: Michèle Gendreau-Massaloux (Union pour la Méditerranée, France), Gérald Grunberg (Bibliothèque nationale de France), Jean-Luc Lory (Fondation Maison des Sciences de l'Homme, FMSH, France), Jean-Louis Lebrave (Centre nationale de la recherche scientifique, CNRS - École normale supérieure, ENS, France)

Monday 21 June

First General Assembly of EMAN (Euro Mediterranean Academic Network)
Mohamed Hassan (Co-chair IAP); André Capron (President of GID)

The Conference

Tuesday 22 June

9 - 10 am Opening:
Yehia Zaky (Bibliotheca Alexandrina), Andreu Claret (Director of the Anna Lindh Foundation), Catherine Bréchnac (French Ambassador for Science, Innovation and Technology, France), Michèle Gendreau-Massaloux (Representative of the Union pour la Méditerranée, France), H. E. Prof. Hany Helal (Minister of Superior Education and Research, Egypt)

Inaugural Conferences

Presidents: Yehia Zaky (Egypt), Maurizio Brunori (Italy), Yücel Kanpolat (Turkey), Albert Sasson (Morocco)

André Capron: *Diversity: driving force of Development in the Mediterranean region*

Philippe Taquet: *From Tethys to the Mediterranean Sea*

10.30 - 1.30 pm **Symposium 1. The Tree**

Presidents: Hala Barakat (Egypt), Sandro Pignatti (Italy)

Rapporteurs: Jean-Paul Lanly (France), Américo Mendes (Portugal), Chadi Mohanna (Lebanon), Placido Plaza (Centre International de Hautes Études Agronomiques Méditerranéennes, CIHEAM, France)

Introduction: Sandro Pignatti (Linco, Italy)

1. Assessment and Monitoring of Mediterranean Woody Formations:

Mohamed Saket et coll. (FAO, Regional Office - Middle East and North Africa, Cairo)

2. Biodiversity of Woody Ecosystems:

Jacques Blondel (CEFE, France), in collaboration with Yves Birot, François Lefèvre, Frédéric Médail

3. Forest and Wooded Areas. Economics and Policies (Goods and Services):

Américo Mendes (Portugal), Pere Riera (Spain), Hamed Daly-Hassen (Tunisia), Jean de Montgolfier (Plan Bleu, France)

4. Institutions and Governance: Abdeladim Lhafi (Morocco) Conclusion: Chadi Mohanna (Lebanon)

3 - 6 pm **Symposium 2. The Fish**

President: Giorgio Bernardi (Italy)

Rapporteurs: Nadia Ounaïs (Monaco), Denis Lacroix (France)

Introduction: Gilles Boeuf (France)

1. Aquaculture in the Mediterranean:

Ivan Katavic (Croatia), François René (Commission Générale des Pêches pour le Méditerranée, CGPM - Comité de l'aquaculture, France), Denis Lacroix (Institut français de recherche pour l'exploitation de la mer, Ifremer, France - Agropolis International, France), Sherif Sadek (Egypt)

2. Aliens (Invasive Species) in the Mediterranean:

Giorgio Bernardi (Italy), Ricardo J. Haroun Tabraue (Spain), Bastien Mérigot (France), John Siontas (Greece)

3. Marine Bio- et Chemo-diversities:

Gilles Boeuf (France)

Conclusion: Nadia Ounaïs (Director, Institut Océanographique de Monaco, IOM) and Michel Petit (Académie des sciences and IOM): *Role of Oceanography Museums*

Wednesday 23 June

9 - 11.30 am **Symposium 3. The Book**

Presidents: Ghislaine Glasson Deschaumes (France), Azza El-Kholy (Egypt)

Rapporteurs: Manar Badr (Egypt), Arnaud Beaufort (France), Azedine Beschaouch (Tunisia & Académie des Inscriptions et Belles-Lettres)

1. Life and Death of Books

Arnaud Beaufort (France), Azedine Beschaouch (Tunisia & Académie des Inscriptions et Belles-Lettres), Jacques Jouanna (France), Pepa Michel (Spain)

2. The Translation, an Essential Element of Diversity

Sameth El Ansary (Egypt), Barbara Cassin et Ali Benmakhlouf (France), Yohanan Friedmann (Israel), Ghislaine Glasson Deschaumes (France)

Conclusion: Azedine Beschaouch, Jacques Jouanna

12 - 1.30 pm **Workshops 1, 2, 3 - Part 1**

The Future of the Tree. Management, Conservation and Development of Tree and Wooded Areas: New Approaches and Technologies

President: Ibrahim Nahal (Syria)

Rapporteurs: Placido Plaza (France), Jean-Paul Lanly (France)

Participants: Christophe Du Castel (Agence Française de Développement, AFD - Fonds Français pour l'Environnement Mondial, FFEM), Gérard Bégni (Centre national d'études spatiales, CNES), Hala Barakat (Egypt), Mohamed Sabir (Morocco), Ahmet Seyaz (Turkey), Mohamed Larbi Chakroun (Tunisia)

The Future of Fish. Management and Exploitation of Marine Resources

President: Giorgio Bernardi (Italy)

Rapporteurs: Nadia Ounaïs (Monaco), Denis Lacroix (France)

Participants: Michel Petit (Monaco), Nureddin Esarbout (Libya), Amir Ibrahim (Syria), Denis Lacroix (France), Omar Magsodi (Libya), Ridha Mrabet (Tunisia), Chafika Rebzani Zahaf (Algeria)

The Future of the Book. Publishing/Displaying the Book

President: Sahar Hammouda (Egypt)

Rapporteurs: Manar Badr (Egypt), Arnaud Beaufort (France), Azedine Beschaouch (Tunisia)

Participants: Omar Berrada (Morocco), Savaş Kiliç (Turkey), François Terré (France)

3 - 4.30 pm **Workshops 1, 2, 3 - Part 2**

The Future of the Tree. Management, Conservation and Development of Tree and Woodland: New Approaches and Technologies (continuation)

The Future of Fish. Environment and Preservation of Marine Resources

The Future of the Book. Scanning the Book: Digital and Biblio-diversity

Franco Niccolucci (Cyprus), Pepa Michel (Spain), Dov Wiener (Israel)

5 - 7 pm

Workshops 1, 2, 3 - Continuation. Preparation of the recommendations

Thursday 24 June

General Recommendations on Diversity in the Mediterranean. Presentation. Discussion

Presidents: Philippe Taquet (France), Jean-Paul Lanly (France), Gilles Boeuf (France), Arnaud Beaufort (France)

Rapporteurs:

1. *The Tree*: Jean-Paul Lanly (France), Chadi Mohanna (Lebanon), Placido Plaza (France)
2. *The Fish*: Denis Lacroix (France), Nadia Ounaïs (Monaco)
3. *The Book*: Manar Badr (Egypt), Azedine Beschouch (Tunisia), Arnaud Beaufort (France)

Closing Session

**An Insight into the Future. The Learning Societies in the Mediterranean:
Development Lines and Operational Follow-up.
International dimensions, scientific and social challenges**

Moderators: Yehia Zaky (Bibliotheca Alexandrina), André Capron (President of GID, Académie des sciences - Institut de France)

Gemma Aubarell (Anna Lindh Foundation), Gilles Boeuf (Unesco, International Year of Biodiversity), Catherine Bréchnac (Ambassador for Science, Innovation & Technology, France), Yasser El-Shayeb and Hedi Haddada (Année 2010 franco-égyptienne des S&T), H.E. Prof. Dr. Hany Helal (Minister of Superior Education and Research, Egypt) *or, on his behalf*, Maged M. Al-Sherbiny (Vice-Minister of Superior Education and Research, Egypt), Jean-Hubert Moulignat (Agence Française de Développement, Cairo), Alassane Dialy Ndiaye (Académie Nationale des S&T du Sénégal), Jean Félix-Paganon (Ambassadeur de France en Egypt), Marc Franco (Ambassador of the European Union in Cairo), Placido Plaza (Centre International des Hautes Études Agronomiques Méditerranéennes), Yannick Prost (Union pour la Méditerranée), Mohamed Saket (FAO, Regional Office in Cairo), Tarik Shawki (Unesco Office, Cairo), Philippe Taquet (Académie des sciences, France)

Closing remarks: Yehia Zaky, André Capron

Parmenides IV (Rabat, 2011)

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Water and Sanitation: Health Challenges in the Mediterranean Region

Rabat, 22 - 24 November 2011

organised by the Inter-Academic Group for Development (GID), the Académie des sciences (France), the Académie nationale de médecine, the Académie des technologies (France), with the support of the Hassan II Academy of Science and Technology (Morocco), the Office national de l'eau potable (ONEP) and the National Institute of Hygiene (INH) of Morocco, of the Institut de France, of the French Ministry for Foreign and European Affairs, of the French Agency for Development (AFD), of the French Inter-Ministerial Mission «Union pour la Méditerranée», of the French Embassy in Morocco, and the participation of the Fédération de la Construction, de l'Urbanisme & de l'Environnement (COBATY), of the Académie de l'eau and the Arab Water Academy (AWA)

Tuesday, November 22nd

17.00-19.00 General Assembly of EMAN (Euro Mediterranean Academic Network)

Programme of the Conference

Wednesday, November 23rd

9.30-10.15 **Opening**

Moroccan Minister of Health; Youssef Amrani, General Secretary of the *Union pour la Méditerranée* (UpM, Barcelona); Ilan Chet, Deputy General Secretary of the *Union pour la Méditerranée* (Barcelona) for Research and Education; Abdelhafid Debbarh, Secretary General, Department of Higher Education, Gov. of Morocco; Michèle Gendreau-Massaloux, French Inter-Ministerial Mission, *Union pour la Méditerranée* (UpM) - in Charge of Training, Universities and Research (France); Joël Daligault, Agence Française pour le Développement (France); André Capron, President of the GID (Inter-academic Group for Development)

10.30-13.00 **Session 1: Health and integrated management of water resources**

Chair: André Capron

Rapporteurs: Ghislain de Marsily (France), Omar Menzhi (Morocco)

- 1. Introduction. Water and health in the Mediterranean region:** Marc Gentilini (France)
- 2. Urbanization:** Charaf Eddine Fqih Berrada (Morocco)
- 3. Tourism:** Carmen Altés (Spain)
- 4. Social and cultural dimensions:** Marcella Nanni (Italy)
- 5. Drinking water and sanitation issues in Morocco:** Ali Fassi-Fihri, General Director of the ONEP (Morocco)
- 6. Discussion**

- 14.30-16.00 **Session 2: Health risks of microbial and chemical origin**
Chair: Rajae El Aouad, Director of the National Institute of Hygiene (INH, Morocco)
Rapporteurs: Piero Cappuccinelli (Italy), Alain-Jacques Valleron (France)
 1. **Major epidemiological risks:** Piero Cappuccinelli (Italy)
 2. **Prevention and management of microbial risks associated with water (metagenomics):** Stanislav Dusko Ehrlich (France-Croatia)
 3. **Water and contamination of the food chain:** Martine Padilla (CIHEAM)
 4. **Sanitation risks in the Mediterranean coastal areas:** Amel Jrad (Tunisia)
 5. **Discussion**
- 16.30-18.30 **Session 2 (continued)**
Rapporteurs: Yves Lévi (France), Omar Assobhei (Morocco)
 1. **Microbiological impact of waste-water effluents in coastal regions:** Bernard Saunier (France)
 2. **Health and technologies issues related to organic micropollutants in water:** Yves Lévi (France)
 3. **Impact of pharmaceutical effluents:** Peter Paulich (Germany)
 4. **Cyanobacteria and cyano-toxins (water reservoirs):** Nicole Tandreau de Marsac (France)
 5. **Reuse of domestic waste waters: health implications, standards, treatment strategies, cost issues and two process alternatives from both ends of the technology spectrum:** Celal F. Gokcay (Turkey)
 6. **Discussion**
- 19.30-20.00 **Meeting of chairs and rapporteurs (Golden Tulip Farah Hotel)**

Thursday, November 24th

- 9.00-10.30 **Session 3: Concepts and technologies of sanitation**
A. Technologies (membranes, nanotechnologies, ...): evaluation and follow-up
Chair: Albert Sasson (Morocco)
Rapporteurs: François Guinot (France), Mohamed Fekhaoui (Morocco)
 1. **Introduction to technologies and sanitation problems:** Emmanuel Trouvé (France)
 2. **Recycling and reuse of waste waters in the Middle East context:** Pinchas Fine (Israel)
 3. **What technologies for waste-water treatment in small communities in developing countries?:** Omar Assobhei (Morocco)
 4. **Towards an integrated and sustainable waste-water treatment; the Palestine experience:** Mustafa Ibrahim Khamis (Palestina)
 5. **Discussion**
- 11.00-13.00 **Session 3 (continued)**
B. Policies and strategies of sanitation
 1. **New tools for water treatment, education, maintenance programme: new visions and perspectives:** Louis Cot (France) and Gilbert Rios (chair SIMEV-Unesco)
 2. **Integrated approach to water-quality control:** Mohamed El Mghari Tabib (Morocco)
 3. **Integrated management of sanitary crises linked to water and sanitation:** Vincenzo Belgiorno (Italy)

4. **Water, women and leadership:** Asma El Kasmi (General Director, Arab Water Academy - AWA)
5. **Pedagogy of interactions with water among children and adults:** Olivier Houdé (France)
6. **Discussion**

14.30-16.00

Session 4: General discussion

Economical, Social and Sanitary Dimensions of Water Policies

Chair: André Capron

Economic approach: Mohamed El Faiz (Morocco); Fadhel Htira (Tunisia)

The *Plan Bleu*: Mohammed Blinda

Epidemiological monitoring and follow-up: new tools: Philippe Guérin (France)

Political and socio-anthropological constraints: Yannick Jaffré (France)

Discussion

16.30-18.30

Conclusions and Recommendations

Co-Chairs: Albert Sasson and André Capron

Presentations by the rapporteurs of the conclusions of the four sessions

Eneko Landaburu, Ambassador of the European Union to Morocco; Catherine

Bréchignac, Permanent Secretary of the Académie des sciences-Institut de France;

Omar Fassi-Fehri, Permanent Secretary of the Hassan II Academy of Science and

Technology

Parmenides V (Paris, 2012)

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Vers une vision intégrée du développement scientifique et technique en Méditerranée

Sous le signe des trois «i»: innovation, intégration, investissement...

20-21 mars 2012

Programme

Mardi 20 mars

Institut de France

9.00 Ouverture: le Chancelier de l'Institut; invité Erik Orsenna/Daniel Rondeau

10.00 **Conférences thématiques: les enjeux scientifiques et technologiques**

1. Ressources agricoles, halieutiques, alimentation-nutrition: Bertrand Hervieu, Mohamed Sadiki
2. Eau, assainissement, environnement (écosystème, anthroposystème): Mustapha Besbes, Gilles Boeuf, Ghislain de Marsily
3. Espaces boisés, désertification, urbanisation: Charafedine Fquih Berrada, Bernard Hubert
4. La recherche fondamentale et le développement méditerranéen: Ruth Arnon, François Gros

14.30 **Conférences thématiques (suite): les enjeux transversaux**

5. Diffusion des savoirs: livres scientifiques et techniques, enjeux numériques et stratégies d'enseignement: Azedine Beschaouch, Michèle Gendreau-Massaloux, Ismail Serageldin
6. Enjeux scientifiques et recherche technologique: énergie, transports, santé: François Guinot, Albert Sasson
7. Diversités culturelles, dimensions économiques et sociales: Yannick Jaffré, Olivier Lafourcade

17.00 Discussion

Mercredi 21 mars

Fondation Simone et Cino del Duca

9.30 **Table ronde: bilan et perspectives des programmes du GID**

Yannick Jaffré, Gilles Riveau, Francis Segond (WHEP); Olivier Houdé (*Avicenne*); François Gros, Albert Sasson, Robert Guillaumont (ateliers *sciences, métiers, sociétés*); Maurizio Brunori, Albert Sasson (EMAN); André Capron (*Parmenides*)

11.30 Débat: *Perspectives de développement scientifique en Méditerranée*, animé par Hugues de Jouvenel; *La Science et les pays arabes et musulmans de la Méditerranée*

14.30 **Perspectives d'avenir**

- 1) *Propositions d'actions S&T*, session animée par André Capron
- *Santé et sociétés méditerranéennes*:
Alimentation, nutrition, santé; Eau, assainissement, santé

- *Convergences euro-méditerranéennes*, session animée par Jean-Claude Topin
Mathématique; Physique; Sciences de la terre; Sciences humaines et sociales

2) *Table ronde: quelles propositions des politiques publiques dans le cadre des engagements de l'UpM?* Avec des représentants de: Agence Française du Développement, Ministère des Affaires étrangères et européennes, Mission interministérielle Union pour la Méditerranée (France), Secrétariat général de l'Union pour la Méditerranée (Barcelone), Union Européenne

16.30

Discussion

17.30

Conclusions et allocutions finales

The NEW GID-EMAN INITIATIVES

Mediterranean Archaeology: a training course - This new endeavour provides an opportunity for scientific training in conservation and restoration of archaeological monuments and artifacts from the past. It is therefore conceived as a combination of frontal lectures and focused seminars by some of the greatest experts of archaeological discoveries, with practical *hands-on* activities in a specific and suitably chosen archaeological site in Rome. The Scientific-Organizing Committee of the course is composed of eminent archaeologists and personalities of international standing under the chairmanship of Prof. Louis Godart, Linceo. The training course, organized by the Accademia Nazionale dei Lincei, will be held partly in the headquarters of the Academy and partly at a specific archaeological site in Rome, to be selected by the Committee. Date: October 2012.

Concentrating Solar Power: a training course - In November 2011 EASAC (European Academies Science Advisory Council) issued a policy report on *Concentrating solar power: its potential contribution to a sustainable energy future*, to evaluate the prospects of this new technology, the economic and technical progress and the eventual deployment in MENA countries. Given the significance of discussing the findings and prospects at a Mediterranean scale, GID-EMAN is organizing a training course on this topic. The main drive lies in the potential value to utilize solar power in European and African countries and the foreseeable transfer of energy from Africa to Europe. This initiative, to be held in Seville in the late fall of 2012, has been initiated by Albert Sasson and Francisco García Novo, and will be organized by Prof. Mahfoud Ziyad (Hassan II Academy of Science and Technology) and Prof. Valeriano Ruiz Hernández (Escuela Superior de Ingenieros, Seville, Spain; and associate member of the Hassan II Academy).

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