

**Harvard Medical School – Portugal Collaboration in Biomedicine and Health Sciences**

**An international collaboration to advance biomedical graduate education and research  
and to raise public awareness of how scientific knowledge benefits humankind**

**Final Assessment Workshop: 10-12 July 2007**

**Agenda**

**Tuesday, July 10: 2:30 pm - 6:00pm**

*Venue: Portuguese Communication Foundation, Museu das Comunicações, Lisboa*

**Session 1: 2:30 - 6:00 pm**

Plenary session - Perspectives for the *Harvard Medical School – Portugal* collaboration: Establishing the “The HMS-Portugal Consortium for Biomedicine and Health Sciences”

Chairpersons: *Manuel Heitor, Francisco Ramos and Thomas Aretz*

Plenary session to include discussions about scientific areas among Portuguese and HMS faculty , as well as with main public and private actors in the health system, including main Foundations with operations in the health system. Four main activities will be discussed, as follows:

- PhD and MD-PhD programs in biomedicine and health sciences
- Graduate programs in translational and clinical research
- Public content
- Healthcare policy and management education programs

**Dinner: 8:00 pm**

**Wednesday, July 11: 9:30 am- 6:00pm**

*Venue: Portuguese Communication Foundation, Museu das Comunicações, Lisboa*

**Session 2: 9:30 am- 1:00pm**

**Break-out groups:**

**Room A - PhD and MD-PhD programs in biomedicine and health sciences**

Chairperson: *Tomas Kirchhausen*

**Room B - Graduate programs in translational and clinical research**

Chairperson: *David Golan*

**Room B - Public content**

Chairpersons: *Luis Magalhães and Tom Aretz (for Tony Komaroff)*

**Room C - Healthcare policy and management education programs**

Chairperson: *Miles Shore*

**Lunch: 1:00pm**

**Session 3: 2:00 pm- 3:30pm**

Break-out groups (cont.)

**Coffee Break: 3:30pm**

**Session 4: 4:00pm – 6:00pm**

Plenary session to report-back and define next steps

Chairperson: *Thomas Aretz*

**Other meetings to be organized directly by the HMS team:**

**Tuesday, July 10: Morning**

Meetings with the Portuguese coordinators to prepare for the break-out groups. Contacts with coordinators will be established directly by the HMS team

**Thursday, July 12: full day**

Meetings with the Portuguese coordinators to prepare next steps.

Meetings with private sector and main Foundations with operations in the health system

**HMS Faculty involved in the final Assessment Workshop**

**H. Thomas Aretz, M.D.** Vice President, Global Programs at Harvard Medical International  
Associate Pathologist, Massachusetts General Hospital, Associate Professor of Pathology,  
Harvard Medical School

**Tomas Kirchhausen, Ph.D.** Professor of Cell Biology at Harvard Medical School, Principal Investigator at the CBR Institute for Biomedical Research

**David E. Golan, M.D., Ph.D.** Professor of Biological Chemistry and Molecular Pharmacology, Professor of Medicine, and Co-Director, M.D.-Ph.D. Program, all at the Harvard Medical School. He is also an attending Physician at Brigham and Women's Hospital and the Dana-Farber Cancer Institute.

**Miles Shore, Ph.D.** Professor of Psychiatry and a Professor at the Kennedy School of Government. He is the former head of the Massachusetts Mental Health System, having overseen its reorganization. He has been teaching and working in the area of healthcare policy, leadership and healthcare financing.

**Contact and general Information at HMS:**

**Amanda Pullen, Ph.D.** VP Knowledge Management & Communications, Harvard Medical International, Executive Director, Giovanni Armenise-Harvard Foundation

E-mail: [amanda\\_pullen@hms.harvard.edu](mailto:amanda_pullen@hms.harvard.edu)

Tel.: +1 (617) 535 6506

List of Participants

MCTES:

1. Manuel Heitor – Secretary of State for Science, Technology and Higher Education
2. João Sentieiro – President, Portuguese Science and Technology Foundation, FCT
3. Luis Magalhães – President of The Knowledge Society Agency, UMIC
4. Pedro Ferreira – The Knowledge Society Agency, UMIC
5. Maria Jordão – The Knowledge Society Agency, UMIC
6. Rosália Vargas – Ciência Viva - National Agency for Scientific and Technological Culture
7. Ana Noronha – Ciência Viva - National Agency for Scientific and Technological Culture

MS

8. Francisco Ramos – Secretary of State
9. Carmo Pignatelli – Secretary of State
10. Pereira Miguel – President, INSA
11. Others to be defined

Portuguese Schools of Medicine:

*School of Medicine, University of Lisbon*

12. José Fernandes e Fernandes – Director
13. Alexandre Ribeiro – Director of the Pharmacology and Neurosciences Institute

*School of Medical Sciences, New University of Lisbon*

14. José Miguel Caldas de Almeida - Director
15. Miguel Xavier - Deputy Director

*School of Medicine, University of Porto*

16. Agostinho Marques – Director
17. Deolinda Lima – Vice-President of Scientific Council

*Institute of Biomedical Sciences Abel Salazar, University of Porto*

18. António Sousa Pereira – President of Board of Directors
19. Pedro Moradas Ferreira – President of Scientific Council

*School of Medicine, University of Coimbra*

20. Carlos Robalo Cordeiro
21. Paulo Pereira

*School of Health Sciences, University of Minho*

22. Cecília Leão – Vice-president
23. Nuno Sousa

*School of Health Sciences, University of Beira Interior*

24. João Rodrigues Queiroz – President
25. José Manuel Calheiros – Vice-president

**Associate Laboratories:**

***ITQB / IBET / IGC***

26. Miguel Teixeira – Director ITQB
27. Cláudio Soares – Vice-director ITQB
28. António Coutinho – Director IGC; also Lisbon Academy of Medical Sciences
29. Miguel Soares - IGC

***IPATIMUP***

30. Manuel Sobrinho Simões – Scientific Coordinator
31. Leonor David

***IMM***

32. Carmo Fonseca – Coordinator
33. Luis Moita

***CNC***

34. Catarina Resende de Oliveira – President, also as President of the Scientific Council of School of Medicine of the University of Coimbra
35. Rodrigo Cunha – Director of the Department of Neuropharmacology
36. Arsélio Pato de Carvalho

***IBMC***

37. Alexandre Quintanilha – Director, also as Secretary of the Council of Associate Laboratories
38. Other tbd

**Other invitations:**

39. João Lobo Antunes – Portuguese Academy of Medicine

**HMS Delegation:**

40. H. Thomas Aretz, Global Programs at Harvard Medical International
41. Tomas Kirchhausen. CBR Institute for Biomedical Research
42. David E. Golan, Co-Director, M.D.-Ph.D. Program, Harvard Medical School
43. Adrian J. Ivinson, Harvard Center for Neurodegeneration and Repair (HCNR)

## **Annex 1: Clarification of Workshop Goal**

Dear Colleagues,

The HMS team wanted to get back to you about the planned workshop in July. We would like to dedicate two days to the discussions of the proposals that we have received. The following notes are designed to address comments and questions that we received about the letter and the workshop and its expected outcomes:

In meetings with Secretary of State Manuel Heitor, he has expressed the wish to add the area of Healthcare Policy and Management education and training for healthcare professionals to the already identified areas of MD-PhD and PhD programs, translational and clinical research, and public content.

The workshop is meant to achieve four major goals:

1. To have open discussions and reach agreement on the goals, processes and desired outcomes of the project. One of the crucial areas to assure success will be the creation and definition of efficient governance structures, flexible processes and attainable goals that will assure that the efforts will be sustainable and adaptable. We will be very much interested in your opinions and ideas concerning these issues. We certainly do not want to create a complex and onerous administrative structure, but rather a system that will be supportive and able to adjust to new requirements. This will invariably involve a balance between autonomy to assure experimentation and creativity, and accountability to assure effectiveness, supported by effective communication. The governance structure to be created needs to reflect this philosophy.
2. To have discussions and definitions of processes and first steps in each of the four areas that build on existing strengths in the system. We are presently thinking that each area will be treated as an “autonomous operational unit” of the overall project, which means that each area needs to have structures and processes that support its own needs and goals. As outlined in the previous letter, some of these items include:
  - a. MD-PhD and PhD Programs:
    - i. Governance structure
    - ii. Areas of scientific focus that take advantage of the interactions between the institutions including HMS
    - iii. Criteria for proposal submissions and selections
    - iv. Degree granting
    - v. Student selection
    - vi. Creation of curriculum guidelines and oversight
    - vii. Creation of common experiences, workshops, symposia and platforms
    - viii. Budgets and funds flow
    - ix. Timeline
    - x. HMS role
  - b. Translational and Clinical Research
    - i. Governance structure
    - ii. Understanding of existing programs and efforts
    - iii. Coordination with Ministry of Health and hospitals
    - iv. Requirements for future careers in these fields
    - v. Types of programs (e.g. modules, certificate, master’s degree, continuous professional development)
    - vi. Curriculum development process
    - vii. Creation of common experiences, workshops, symposia and platforms
    - viii. Budgets and funds flow
    - ix. Timeline

- x. HMS role
    - c. Public Content
      - i. Governance
      - ii. Identification of existing efforts and networks for distribution
      - iii. Timeline and development plan
      - iv. Identification of “early successes”
      - v. Budgets and funds flow
      - vi. HMS role
    - d. Healthcare Policy and Management Education and Training
      - i. Governance structure
      - ii. Understanding of existing programs and efforts
      - iii. Coordination with Ministry of Health and hospitals
      - iv. Requirements for future careers in these fields
      - v. Types of programs (e.g. modules, certificate, master’s degree, continuous professional development)
      - vi. Curriculum development process
      - vii. Creation of common experiences, workshops, symposia and platforms
      - viii. Budgets and funds flow
      - ix. Timeline
      - x. HMS role
3. To identify and catalogue the existing support structures and “cores” that can support the project, in Portugal and at HMS.
  4. To further help the HMS team’s understanding of the Portuguese environment in the areas of biomedicine and health sciences as they apply to the above four areas. Since this workshop will represent the final formal meeting in our assessment activities, we want to get as much information as possible.

It is not surprising that there are many common issues – these can be discussed in plenary sessions at the beginning of the workshop. Given the specific foci of the four areas, however, there will need to be break-out groups to discuss each in greater detail. These break-out sessions will be followed by “report backs” to the entire group that should result in agreement on how to move forward. The existing proposals have clearly outlined the interests of various groups and partners around the four key areas and workshop discussions should build on these existing proposals. We will provide a summary of the proposals prior to the workshop, and we would welcome the discussion of additional scientific areas that may not have been highlighted previously. Clearly the discussions about the scientific areas will be crucial, as will be the academic considerations. We wanted to ensure that the discussion would be manageable and asked therefore to have two participants from each institution who could address the scientific content and “academic” areas. There will be ample opportunities for plenary discussions and for exchange of ideas among the various break-out groups.

We hope that this clarifies our intent and goals for the upcoming workshop, and as always, we are happy to have comments and discussions. We will follow up with phone calls prior to the meeting.

Many thanks for your collaboration and patience.

For the Harvard Team, Tom Aretz