A Portuguese European Union Presidency and European Commission Event, Initiated and Organised by the European Science Foundation (ESF) & the US Office of Research Integrity (ORI), in Partnership with the International Council for Science (ICSU) & the North Atlantic Treaty Organisation (NATO)

ESF-ORI First World Conference on Research Integrity: Fostering Responsible Research

Calouste Gulbenkian Foundation, Lisbon, Portugal
16-19 September 2007

Chairs: Mr. Tony Mayer, European Science Foundation (ESF), Strasbourg, FR & Professor Nick Steneck, Office of Research Integrity (ORI), Rockville, US

www.esf.org/conferences/researchintegrity

With Additional Support from:
- European Molecular Biology Organization (EMBO)
- Committee on Publication Ethics (COPE)
- Portuguese Ministry of Science, Technology and Higher Education (MCTES)
- Portuguese Science Foundation (FCT)
- Calouste Gulbenkian Foundation (FCG)
- UK Research Integrity Office (UKRIO)

www.esf.org
# Conference Programme

Last updated 13 September 2007

## SUNDAY, 16 SEPTEMBER

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<th>Time</th>
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<tr>
<td>14.30-18.30</td>
<td>Registration <em>(Hotel Marriott Lisboa - Hotel Lobby)</em></td>
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<tr>
<td>18.30-22.00</td>
<td>Opening Ceremony <em>(New York Meeting-Room)</em>, Reception <em>(Outside, near the Swimming Pool)</em> &amp; Informal Buffet Dinner <em>(Citrus Restaurant)</em></td>
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## MONDAY, 17 SEPTEMBER

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.30-09.00</td>
<td>Registration <em>(Gulbenkian Foundation)</em></td>
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<tr>
<td>09.00-09.10</td>
<td><strong>Conference Opening</strong> <em>(room: Auditorio 2)</em></td>
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<tr>
<td></td>
<td><strong>Tony Mayer</strong></td>
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<tr>
<td></td>
<td>European Science Foundation &amp; Conference Co-chair, Strasbourg, FR</td>
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<tr>
<td></td>
<td><em>Origins and Organization of the World Conference</em></td>
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<td></td>
<td><strong>Nicholas Steneck</strong></td>
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<td></td>
<td>Office of Research Integrity &amp; Conference Co-chair, Rockville MD, US</td>
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<tr>
<td></td>
<td><em>Definitions, Goals, and Outcomes</em></td>
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<tr>
<td>09.10-10.40</td>
<td><strong>Opening Session</strong> <em>(room: Auditorio 2)</em></td>
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<td></td>
<td><strong>Chairs: Manuel Heitor</strong>, Secretary of State of Science, Technology and Higher Education, Lisbon, PT</td>
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<td><strong>João Caraça</strong>, Calouste Gulbenkian Foundation, Lisbon, PT</td>
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<td></td>
<td><strong>Opening Talks</strong></td>
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<td></td>
<td><strong>Jose-Mariano Gago</strong></td>
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<td></td>
<td>Portuguese Minister of Science, Technology and Higher Education, Lisbon, PT</td>
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<td></td>
<td><strong>Janez Potočnik</strong></td>
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<td>European Commissioner for Research, European Commission, Brussels, BE</td>
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<td></td>
<td><em>European Research: Towards Highest Standards of Integrity</em></td>
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<td></td>
<td><strong>Angel Gurría</strong></td>
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<td></td>
<td>Secretary-General, Organisation for Economic Co-operation and Development (OECD), Paris, FR</td>
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<td></td>
<td><strong>Tim Hunt</strong></td>
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<td></td>
<td>Cancer Research UK, South Mimms, UK and European Molecular Biology Organization (EMBO)</td>
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<tr>
<td>10.40-11.20</td>
<td><strong>Keynote Address</strong></td>
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<td><strong>Paul David</strong></td>
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<td>Oxford University, UK &amp; Stanford University, Palo Alto CA, US</td>
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<td><em>Trust and Deviance in 'Open Science': Analytical and Empirical Perspectives on the Problem of Scientific Misconduct</em></td>
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<td><strong>Closing Remarks</strong></td>
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<td><strong>Jose-Mariano Gago</strong></td>
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<td>Portuguese Minister of Science, Technology and Higher Education, Lisbon, PT</td>
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10.40-11.20 Coffee Break
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<tr>
<th>Time</th>
<th>Session</th>
<th>Chairs</th>
<th>Speakers</th>
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<tr>
<td>11.20-13.00</td>
<td>Plenary I - Global &amp; Institutional Perspectives on Research Integrity</td>
<td>(room: Auditorio 2)</td>
<td>Chairs: Ian Halliday, President, European Science Foundation (ESF), Strasbourg, FR</td>
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<td>Antonio Coutinho, Gulbenkian Institute for the Sciences &amp; Lisbon Academy of Medical Sciences, Lisbon, PT</td>
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<td>Howard Alper, University of Ottawa, CA &amp; Co-Chair, InterAcademy Panel, Trieste, IT</td>
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<td>Guitelle Baghdadi-Sabeti, World Health Organisation (WHO), Geneva, CH</td>
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<td>Ayse Erzan, Istanbul Technical University, TR</td>
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<td><strong>Research Integrity: Best Practices for the Benefit of Society</strong></td>
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<td><strong>Promoting Good Governance for Medicines</strong></td>
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<td><strong>Developing and Applying Integrity Policies in a Global Context</strong></td>
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<td>Discussion</td>
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<td>13.00-14.30</td>
<td>Lunch (VIP Zurique)</td>
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<td>Luis Magalhães, Portuguese Knowledge Society Agency, Porto Salvo, PT</td>
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<td>Anthony Komaroff, Harvard Medical School, Boston MA, US</td>
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<td><strong>Public Understanding and Trust of Biomedical Research</strong></td>
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<td>Joao Lobo Antunes, Hospital de Santa Maria, Lisbon, PT</td>
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<td><strong>To Publish or not to Publish: Communicating Science in a New Global and Financial Environment</strong></td>
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<td><strong>Misconduct in Research Publishing: Who is Responsible for What?</strong></td>
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<td></td>
<td>Sabine Kleinert, The Lancet, London, UK &amp; Vice-Chair, Committee on Publication Ethics (COPE), London, UK</td>
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<td><strong>How Can Good Publication Standards Influence Research Integrity?</strong></td>
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<tr>
<td>16.10-16.50</td>
<td>Coffee Break</td>
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Concurrent Sessions I

Track Ia - Research Misconduct - Current Policies and New Initiatives (room: Auditorio 3)

Chairs: Stefan Michalowski, Global Science Forum, Paris, FR
Jul Fudano, Kanazawa Institute of Technology, Nonoichi, JP
Salla Lötjönen, National Advisory Board on Research Ethics, Helsinki, FI

- Nigel Lloyd
  Natural Sciences & Engineering Research Council Canada (NSERC), Ottawa, CA
  GSF Working Group on Research Misconduct and Pending Report

- Lida Anestidou
  The National Academies, Washington DC, US
  Overview of Current Policies and Policy Development

- Pieter J.D. Drenth
  ALL European Academies (ALLEA), Amsterdam, NL
  Strengths and Weaknesses of Current Policies and Practices

Discussion

Track IIa - Institutional and Societal Issues - Challenges for Global Research (room: Sala 1)

Chairs: Megan Davies, UK Medical Research Council (MRC), Cambridge, UK
Carmo Fonseca, Institute of Molecular Medicine (IMM), Lisbon, PT

- Amaboo Dhai
  Steve Biko Centre for Bioethics, Parktown, ZA
  Preserving, Protecting and Improving Research Integrity in Africa: Challenges and Recommendations

- Tom Kirchhausen
  Harvard Medical School, Boston MA, US
  Challenges Faced by the Leading Investigator to Foster Responsible Research

- Shamila Nair-Bedouelle
  UNESCO, Paris, FR
  COMEST’s Role in Fostering Integrity in Research

Discussion

Track IIIa - Publication - The Role of Editors and Journals (room: Sala 2)

Chairs: Ana Marusic, Zagreb University, HR & Council of Science Editors (CSE), Reston MD, US
Sabine Kleinert, The Lancet, London, UK & Vice-Chair, Committee on Publication Ethics (COPE), London, UK

- Liz Wager
  Publications Consultant, Buckinghamshire, UK and Council Member, Committee on Publication Ethics (COPE)
  Current Best Practices: Conflict of Interest, Trial Registration, and other Codes

- Katrina Kelner
  AAAS, Science, Washington DC, US
  Science Magazine’s Response to the Changing Face of Science

- Michael Rossner
  Executive Director, The Rockefeller University Press, New York NY, US
  The Role of the Journal Editor in Assuring the Integrity of Research Data

Discussion
19.30-22.00  Conference Dinner  *(Hotel Marriott Lisboa - Mediterranean Ballroom)*

**Chair / Introduction**
- João Sentieiro  
  Portuguese Science and Technology Foundation, Lisbon, PT

**Keynote Address**
- M.G.K. Menon  
  Indian International Center, New-Delhi, IN

### TUESDAY, 18 SEPTEMBER

<table>
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<th>Event</th>
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<tbody>
<tr>
<td>08.30-09.00</td>
<td>Registration <em>(Gulbenkian Foundation)</em></td>
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<tr>
<td>09.00-10.40</td>
<td><strong>Plenary III</strong> - Confronting Research Misconduct: Policies, Standards and Guidelines <em>(room: Auditorio 2)</em></td>
</tr>
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</table>
|            | **Chairs: Chris Pascal**, Director, Office of Research Integrity, Rockville, US  
            | **Nigel Lloyd**, Natural Sciences & Engineering Research Council Canada (NSERC), Ottawa, CA |
|            | - Christine Boesz  
            |  National Science Foundation (NSF), Washington DC, US  
            |  *Legal Aspects of Investigations and International Cooperation* |
|            | - Herbert Gottweis  
            |  University of Vienna, Vienna, AT  
            |  *Hwang-gate: Lessons for Science Governance* |
|            | - Motoyuki Ono  
            |  President, Japan Society for the Promotion of Science (JSPS), Tokyo, JP  
            |  *The Development of Codes, Standards, and Guidelines in Japan* |
|            | - Ulrike Beisiegel  
            |  University Medical Center, Hamburg-Eppendorf & DFG Ombudsman, Hamburg, DE  
            |  *Safeguarding Good Scientific Practice - Recommendations of the German Research Foundation* |
|            | Discussion                                                     |
| 10.40-11.20 | Coffee Break                                                |
| 11.20-13.00 | Concurrent Sessions II                                       |

**Track Ib - Research Misconduct - Reporting, Investigation, and Adjudication *(room: Auditorio 3)***

**Chairs: Frank Wells**, European Forum for Good Clinical Practice (EFGCP), Ipswich, UK  
**Sylvia Rumball**, Committee on Freedom and Responsibility in the Conduct of Science (CFRS), ICSU, Paris, FR  
& Massey University, Palmerston North, NZ  
**Masaki Nakamura**, National Institute of Science and Technology Policy, MEXT, Tokyo, JP

- Chris Pascal  
  Office of Research Integrity (ORI), Rockville MD, US  
  *Managing Cases of Research Misconduct*

- Andrew Stainthorpe  
  UK Research Integrity Office (UKRIO), London, UK  
  *Approaches to Case Handling*

Discussion
Track IIb - Institutional & Societal Issues - Educating for Responsible Research
(room: Sala 1)
**Chairs:** Philippe Galiay, European Commission, Brussels, BE
Phil Langlais, Old Dominion University, Norfolk VA, US

- Ian Halliday
  President, European Science Foundation (ESF), Strasbourg, FR
  *Integrating Responsibility: The Research Student Perspective*

- Fernando Lopes da Silva
  University van Amsterdam, NL
  *Integrity in Biomedical Research: The Role of Education*

- Elizabeth Heitman
  Vanderbilt University, Nashville TN, US
  *The Need for Global Strategies for Training Students in RCR*

Discussion

Track IIIb - Publication - The Role of Publishers, Funders and Research Institutions
(room: Sala 2)
**Chairs:** Katrina Kelner, AAAS, Science, Washington DC, US
Liz Wager, Publications Consultant, Buckinghamshire, UK and Council Member, Committee on Publication Ethics (COPE)

- Michael Farthing
  University of London, Vice Chancellor, University of Sussex, Brighton, UK and UK Research Integrity Office (UKRIO), London, UK
  *Institutional Perspectives on Integrity in Publication*

- Chris Graf
  *What are Publishers Doing about Publication Ethics?*

- Peteris Zilgalvis
  European Commission, Brussels, BE
  *Role of Funders in Publication Ethics*

Discussion

13.00-14.30 Lunch *(VIP Zurique)*
Concurrent Sessions III

Track Ic: Research Misconduct - International Cooperation (room: Auditorio 3)

Chairs: Jacques Bordé, Centre National de la Recherche Scientifique (CNRS) Paris, FR
William Gardner, The Ohio State University, Columbus OH, US

- Peggy Fischer
  US National Science Foundation (NSF), Washington DC, US

- Matthias Kaiser
  The National Committee for Research Ethics in Science and Technology (NENT), Oslo, NO
  *Scientific Integrity on the Agenda – What are the Next Challenges?*

- Paul David
  Oxford University, UK & Stanford University, Palo Alto CA, US

Andrea Pozzi
Stanford University, Palo Alto CA, US
*Empirical Realities of Scientific Misconduct in Publicly Funded Research: What can be Learned from U.S. Data Published by the ORI?*

Discussion

Track IIc: Institutional and Societal Issues - Public Perceptions and Responsibilities (room: Sala 1)

Chairs: Ligia Amâncio, Portuguese Science and Technology Foundation, Lisbon, PT
Andrew Gorski, Polish Academy of Sciences and Medical University of Warsaw, PL

- Lawrence Bell
  Museum of Science, Boston MA, US
  *Who Do You Trust: Science Museums as Forums for Conversations between Scientists and the Public*

- Carlos Fiolhais
  University of Coimbra, PT
  *Scientific Integrity and Scientific Culture: Telling the Truth to the Public*

- Paul Caro
  Académie des Technologies & CNRS, Paris, FR
  *Science and the Show Society*

- Vladimir de Semir
  University Pompeu Fabra, Barcelona, ES
  *Citizenship and Scientific Culture*

Discussion
Track IIIc: Publication - The Challenges Faced by Smaller Journals *(room: Sala 2)*

**Chairs:** Arian Poldermann, EASE, Woerden, NL  
Vedran Katavic, Croatian Medical Journal, Zagreb, HR

- Annette Flanagin  
  Journal of the American Medical Association (JAMA), Chicago IL, US
- Muza Gondwe  
  Malawi Medical Journal and Malawi College of Medicine, Blantyre, MW  
  *African Journal Partnership Project*
- Ana Marusic  
  Zagreb University, Zagreb, HR & Council of Science Editors (CSE), Reston MD, US  
  *Education for Responsible Publication*
- Herbert Stegemann  
  World Association of Medical Editors (WAME), London, UK & President, Asociación de Editores de Revistas Biomédicas Venezolanas (ASEREME), Caracas, VE  
  *The Potential of Local Editors Associations in Promoting Ethics in Publication. The Experience in Venezuela with ASEREME*

Discussion

16.10-16.50 **Coffee Break**

16.50-18.30 **Plenary IV - Science Culture and Training for Responsible Research Conduct (room: Auditorio 2)**

**Chairs:** Jean-Pierre Alix, Ministry of Research & Centre National de la Recherche Scientifique (CNRS) Paris, FR  
Ana Noronha, Ciência Viva, National Agency for Science Culture, Lisbon, PT

- Helena Illnerova  
  Academy of Sciences of the Czech Republic, Prague, CZ  
  *Trust in Research and the Importance of Training*
- Alex Quintanilha  
  Institute for Molecular and Cell Biology, Porto, PT  
  *Individual Integrity and Institutional Trust*
- Sally J. Rockey  
  National Institutes of Health (NIH), Bethesda MD, US  
  *Integrating Integrity into the Research Process though Training*
- Melissa S. Anderson  
  University of Minnesota, Minneapolis MN, US  
  *Educating Competent, Responsible, and Successful Researchers*

Discussion

18.30 **End of day's session. No formal dinner planned. Enjoy Lisbon with colleagues...**
WEDNESDAY, 19 SEPTEMBER

08.30-09.00  Registration  (Gulbenkian Foundation)

09.00-10.40  Plenary V - Factors Affecting Research Behavior and Integrity  
(room: Auditorio 2)
Chairs: Maurizio Salvi, European Commission, Brussels, BE  
David Vaux, La Trobe University, Melbourne, AU

- Nicholas Steneck  
Office of Research Integrity (ORI), Rockville MD, US  
*What Do We Know? Two Decades of Research on Research Integrity*

- Brian Martinson  
HealthPartners Research Foundation (HPRF), Minneapolis MN, US  
*Social and Psychological Factors Influencing Research Behavior*

- Gün Semin  
Free University of Amsterdam, Amsterdam, NL  
*Enhancing the Self-monitoring Function of Science and its Contribution to Integrity in Research*

- Renzong Qiu  
Chinese Academy of Social Sciences (CASS), Beijing, CN  
*Research Integrity Issues in China*

Discussion

10.40-11.20  Coffee Break

11.20-13.00  Closing Session: Public Policies and Strategies Fostering Research Integrity  
(room: Auditorio 2)
Chairs: Peteris Zilgalvis, Research Directorate, European Commission, Brussels, BE  
Sally Rockey, National Institutes of Health (NIH), Bethesda MD, US  
Diogo Lucena, Calouste Gulbenkian Foundation, Lisbon, PT

Conference Summary

- Peter Tindemans  
EuroScience, Strasbourg, FR

- Ovid Tzeng  
National Yang Ming University, Taipei, TW

Closing Remarks

- Par Omling  
Swedish Research Council & EUROHORCs, Stockholm, SE

- Joel Hasse Ferreira  
European Parliament, Brussels, BE

- Manuel Heitor  
Secretary of State of Science, Technology and Higher Education, Lisbon, PT

Official Conference Closing

- Tony Mayer  
European Science Foundation (ESF) & Conference Co-chair, Strasbourg, FR

- Nicholas Steneck  
Office of Research Integrity (ORI) & Conference Co-chair, Rockville MD, US