



*Ministero della Salute*



**STATES GENERAL OF HEALTH RESEARCH**  
*ROME, 27-28 April 2016*

**PRELIMINARY PROGRAMME**

*What is the current state of scientific research in our Country? What are the areas of excellence and how young people face challenges related to this profession? What are the initiatives to be taken to facilitate the mobility of researchers from and to our Country? How to strengthen the cooperation between academic world and private companies in terms of innovation and development? What is the status of investment in a crucial research area such as agriculture and food? How is Italy preparing to face challenges in the fields of prevention and molecular and gene therapies?*

*These are just some of the questions which will be addressed at the States General of Health Research, in the presence of the highest Offices of State and with the participation of scientific and academic authorities, researchers and representatives of patients, industry and finance world.*

*The purpose of the event is to highlight the realities of the world of health research, by debating current limitations and critical aspects, and also exploring the full potential of a sector which, for all related realities and activities, represents both a great ethical and social value and a significant opportunity for growth.*

*There is a clear need to establish a new governance in which researchers could actively play a leading role and available resources could be channeled into clear and shared objectives. To this end, we will discuss models and solutions, also in terms of international benchmark.*

*The States General also aim at providing researchers more opportunities to meet and investigate topics scarcely addressed during their training: to convert product design into product realisation (the so-called “technology transfer”), to identify and acquire knowledge of technicalities for a better exploitation of their patents.*

*Therefore, we defined an agenda which opens up with an institutional panel, and then goes on to analyse and assess the governance instruments of biomedical research. It will be followed by sessions on international dimension, professional features of biomedical researcher – which deserve a detailed further examination given his peculiarities and key role – and finally on main innovations introduced in the Call for Targeted Research of the Ministry of Health and in AIFA 2016 Call for Independent Research, which allocate nearly 180 million euros mainly intended for young researchers.*

*In addition, two more thematic sessions have been scheduled, one devoted to a meeting between scientists and young students, so as to bring together more closely the worlds of science and younger generation; the other devoted to make research projects get in touch with venture capital funds.*

*In conclusion, the States General will provide an opportunity to reflect upon how life sciences improve our future and how crucial it is for a modern country such as Italy to invest in scientific literacy, so that the respect for science becomes a common good and a guiding criterion for choices based on evidences for everyone, citizens and institutions.*

## **Wednesday, 27 April 2016**

10:00 – 11:00

**Opening Session**  
**Institutional welcoming remarks**

**Beatrice Lorenzin** - Minister of Health

**Matteo Renzi** - Prime Minister of the Italian Republic

11:00 – 13:30

**Auditorium**  
**"Sala Massimo"**

**Round Table**

**Health research in Italy: an opportunity for investment and relaunch of countrywide system**

*The Round Table intends to provide a general overview of strengths and weaknesses of Italy in a key sector for the progress and assertion of our Country as a leader.*

\*Institutional Panel

Chair: **Beatrice Lorenzin** - Minister of Health

**Stefania Giannini** - Minister of Education, University and Scientific Research

**Maurizio Martina** - Minister of Agricultural, Food and Forestry Policies

**Carlos Moedas** - European Commissioner for Research, Science and Innovation

**Claudio De Vincenti** - State Under-Secretary at the Prime Minister's Office

**Emilia Grazia De Biasi** - Chair of the Committee for Hygiene and Health, Senate of the Italian Republic

**Mario Marazziti** – Chair of the Committee for Social Affairs, Chamber of Deputies of the Italian Republic

**Stefano Bonaccini** - President of the Conference of Regions and Autonomous Provinces of Italy

Testimonial: **Alex Zanardi**

(\*) pending confirmation from members of invited Institutional Bodies

## Scientific and Technical Panel

Chair: **Giovanni Leonardi** - Director-General for Research and health innovation, Ministry of Health

**Gualtiero Ricciardi** – President, National Institute of Health

**Mario Melazzini** – President, Italian Medicines Agency

**Massimo Inguscio** – President, National Council for Research

**Lorenzo d’Avack** - Senior Deputy Chairman, National Committee on Bioethics

**Diana Bracco** – Vice-President for Research and innovation, Confindustria

**Antonio Gaudio** – Secretary-General, Cittadinanzattiva

**13:30 – 14:15** BREAK

**14:15 – 16:00** PARALLEL SESSIONS

“Sala Rossa - C”

### Industry and Biomedicine

*In these two sectors, the main requirement for research is the continuous therapeutic innovation and the related available access of patients in need to new and increasingly effective drugs and technologies. It will certainly be difficult to achieve this objective in these years which have been characterised by a long and deep crisis having negative effects on the availability of resources to allocate to this relevant sector.*

*We intend to review the situation with regard to research and innovation in the pharmaceutical and health technologies sectors, as well as make a tangible contribution so that all parties involved assume full knowledge of their key role in making Italy the European reference centre in this area.*

Chair: **Marcella Marletta** - Director-General for Medical devices and pharmaceutical service, Ministry of Health

Panel: **Luca Pani** - Director-General, Italian Medicines Agency

**Stefano Firpo** - Director-General for industrial policy, competitiveness and small and medium-sized enterprises, Ministry for Economic Development

**Massimo Scaccabarozzi** - President, Farmindustria

**Luigi Boggio** - President, Assobiomedica

**Riccardo Palmisano** - President, Assobiotec

**Nicola Spinelli Casacchia** - President, UNIAMO

**Gennaro Ciliberto** – Scientific Director, IRCCS Pascale

**Andrea Fontanella** - President-elect, FADOI

**Marco Foiani** - Scientific Director, IFOM

**Umberto Comberiati** - Medicine for Europe, Value added medicines group

**Maria Luisa Moro** – Coordinator, Regional Discussion Table for Research

**Carlo Caltagirone** - Scientific Director, IRCCS S. Lucia

**“Sala Arancione”**

**Agrifood**

*The scientific research has an impact on our health even where it does not deal with diagnostics and diseases treatment. What is happening in the agrifood sector is just an example: every day food affects our well-being and research has multiple impacts on this sector. Its main workstreams concern the identification of increasingly reliable and sensitive laboratory methods, as well as the applications related to food transformative and productive processes. Due attention is also paid to more specifically clinical aspects such as the modulation of microbiome.*

*The session intends to supply us with guides to these activities and propose future research developments in the agrifood sector, without overlooking the need for a reflection on its critical issues and needs.*

Chair: **Giuseppe Ruocco** - Director-General for Food hygiene and safety and nutrition, Ministry of Health

Panel: **Riccardo Sabatini** – Phd, Researcher scientist at SISSA e EPF (video message)

**Tobin Robinson** - Head Scientific Committee and Emerging Risk Unit, EFSA

**Gauden Galea** – WHO Europe (video message)

**Dario Gregori** - Associate Professor Medical Statistics, University of Padua

**Nicola Levoni** – President, Assica

**Antonio Auricchio** - Vice-President, Assolatte

**Paolo Barilla** - Vice-President, Barilla Center for Food & Nutrition

**Umberto Agrimi** – Director, Department for Food safety and veterinary public health, National Institute of Health

**Antonio Limone** - Director-General, IZS del Mezzogiorno -, Portici

**Maria Caramelli** - Director-General, IZS Piemonte, Liguria & Val d'Aosta

**Anna Lartey** – Director, Nutrition Division, FAO

**Maurizio Sobrero** - Full Professor, Innovation management, University of Bologna

**Aldo Todaro** – Researcher, Agricultural and forestry sciences Department, University of Palermo

**Salvatore Cucchiara** – Director, Department of Paediatrics, Sapienza University of Rome

**Lorenza Putignani** – Head, Parasitology Division, IRCCS Ospedale pediatrico Bambino Gesù

**Auditorium  
"Sala Massimo"**

**Precision medicine**

*The advances in genomics have obvious and crucial implications for public health; in fact, this knowledge provides an opportunity to differentiate groups and individuals among populations who are most likely to develop specific conditions, also by adopting new ways compared to those traditionally adopted by public health professionals. Although genomics has significantly developed over the last decade, with also a faster development to be expected in the foreseeable future, its impact on health policies has been limited thus far.*

*In this section, the integration of new knowledge in genomics with public health current practices will be discussed and promoted.*

Chair: **Raniero Guerra** - Director-General for Health prevention, Ministry of Health

**Giuseppe Novelli** – President, University of Rome Tor Vergata

**Gualtiero Ricciardi** – President, National Institute of Health

A successful experience: **Luigi Naldini** – Director, Division of Regenerative medicine, stem cells and gene therapy, The San Raffaele Scientific Institute -Telethon

Panel : **Paolo Sassone-Corsi** – Director, Center for Epigenetics and metabolism School of Medicine, University of California (video message)

**Paola Castagnoli** - Scientific Director, Genomics, genetics and biology innovation Pole, Perugia

**Francesco Forastiere** - Etiological and Occupational Epidemiology Unit, Department of Epidemiology SSR Lazio

**Ernesto Burgio** - ECERI-European Cancer and Environment Research Institute (Brussels); ISDE-International Society of Doctors for Environment

**Bruno Dallapiccola** - Full Professor, Medical Genetics, Sapienza University of Rome; Scientific Director, IRCCS Ospedale Pediatrico Bambino Gesù

**Lucia Migliore** - Full Professor, Medical Genetics, University of Pisa; National Coordinator of SIGU Epigenetics Group

**Ruggero De Maria** - President, Alleanza contro il cancro

**Paolo Marchetti** - Full Professor, Medical oncology, Sapienza University of Rome; President Society of Personalised medicine

**Adam H. Schechter** –President, Global Human Health Merck & Co.

**Luigi Boano** - General Manager, Novartis Oncology

**Eugenio Aringhieri** - Chief Executive Officer, Dompé Farmaceutici S.p.A.

**Pasquale Frega** - Chief Executive Officer, Celgene Italia S.r.l.

**Ugo Di Francesco** - Chief Executive Officer, Chiesi Farmaceutici S.p.A.

**“Sala Rossa – A”**

**ItaliaCamp: drugs**

*Researchers meet venture capital representatives. Presentation of successful ideas from IRCCS being discussed by a panel of investors.*

Chair: **Marco Martellucci** – Responsible Manager for Research Exploitation, Fondazione ItaliaCamp

Panel: **Giancarlo Tonon** - Director-General, Bioker IRCCS Multimedica

**Paolo Comoglio** – Scientific Director, IRCCS Fondazione del Piemonte per l'oncologia

**Cristina Banfi** – Researcher, IRCCS Centro Cardiologico Fondazione Monzino

**Anna Tesei** - Radiobiology and Preclinical Pharmacology Coordinator, IRCCS Istituto scientifico romagnolo studio e cura tumori (ATTENZIONE: la versione italiana dice Clinica e non Preclonica, ma da internet risulterebbe giusto PRECLINICA)

**Daniela Maria Rossi** – Researcher, IRCCS Fondazione Salvatore Maugeri

**Cecilia Melani** - Medical Officer, IRCCS Fondazione Istituto nazionale per lo studio e la cura dei tumori

**Alberto Rainer** – Researcher, Campus Bio-Medico University Hospital

**Rosario Bifulco** - Chief Executive Officer, Mittel S.p.A.

**Massimiliano Magrini** – Managing partner, United Ventures

**Stefano Ronchi** – CFO, Principia SGR

**Graziano Seghezzi** – Partner, Sofinnova

**Vittorio Pignatti Morano di Custoza** - Founder & CEO, Trilantic Capital Partners

**Claudio Rumazza** – Partner, Innogest SGR

**Elisabeth Robinson** - Investment Director, Quadrivio Capital SGR

**Matteo De Bartolomeis** – Senior Analyst, Quadrivio Capital SGR

**Martin Walton** - Managing Director, Excalibur group

**16:00 – 18:00**  
**Auditorium**  
**“Sala Massimo”**

**A research useful to citizens: Technology Transfer Strategies**

*Research institutes have to develop a Technology Transfer process.*

*It should be ascertained whether the exhaustiveness of regulations on intellectual property, incentives for research, spin-off and start-up meet the real needs of biomedical research.*

Chair: **Gualtiero Ricciardi** - President, National Institute of Health

**Valerio De Molli** - Chief Executive Officer, The European House Ambrosetti

Moderator: **Massimo Sideri** - Innovation Editor, Corriere della Sera; Director Galileo Festival

Panel: **Fabrizio Landi** - President, Toscana Life Sciences

**Rosario Bifulco** - Vice-President for Territorial Competitiveness, Assolombarda

**Pierluigi Paracchi** - Chief Executive Officer, Genenta Science

**Francesca Pasinelli** – Director-General, Telethon

**Massimo De Felice** - President, INAIL

**Federico Florà** - President, Fondazione ItaliaCamp



**Lorenzo Legrande** - President, AIIC, Fondazione Policlinico A. Gemelli

**Giuseppe Banfi** - Scientific Director, IRCCS Galeazzi

**Roberto Cingolani** - Scientific Director, Istituto Italiano Tecnologia

**Davide Usai** – Director-General, Fondazione MPS

**Carlo Mango** – Director, Scientific and technological research Area  
Fondazione Cariplo

**18:00 – 18:30**

Closing remarks

**Beatrice Lorenzin** - Minister of Health

Presents: **Alma Grandin** – Head, TG1 Service

## Thursday, 28 April 2016

**9:00 – 10:30**

**Auditorium**

**"Sala Massimo"**

### **Strategies for research internationalisation**

*To qualify the participation in Horizon 2020 by also reformulating the participation in the W.P. 2016 - 2017 and the identification of key topics to address in the W.P. 2018 - 2019. How to increase the competitiveness of Italian research in Europe.*

Chair: **Gualtiero Ricciardi** – President, National Institute of Health

Panel: **Fabio Pammolli** - Full Professor, Economy and management IMT Alti Studi, Lucca

**Giorgio Clarotti** - Senior Policy Officer for Health Strategy, European Commission - Director-General Research & innovation, health, demographic change and well-being strategy

**Marco Falzetti** - Director, APRE

**Angela Santoni** - Italian representative in H2020-SC1 W.P.

**Fabrizio Nicoletti** - Minister Plenipotentiary, Directorate-General for the promotion of countrywide system, Ministry of Foreign affairs and international cooperation

**Paolo Bonaretti** - Advisor on Industrial policy to the Ministry of Economic development

**Alfredo Cesario** – Coordinator, IRCCS internationalisation project

**Renato Botti** - Director-General for Health planning, Ministry of Health

**Lisa Leonardini** - Mattone Internazionale Project

**Giuliano Grignaschi** - Secretary-General, Research4life

**Giuseppe Martini** - President, Cluster ALISEI

**Giancarlo Comi** – Full Professor, Neurology, University Vita - Salute San Raffaele Milano

**9:30 – 11:00**  
**“Sala Rossa - A”**

**ItaliaCamp: medical devices**

*Researchers meet venture capital representatives. Presentation of successful ideas from IRCCS being discussed by a panel of investors.*

Chair: **Marco Martellucci** - Responsible manager for Research Exploitation, Fondazione ItaliaCamp

**Marcella Marletta** - Director-General for Medical devices and pharmaceutical service, Ministry of Health

Panel: **Roberto Oboe** - Research Director, Neurorehabilitation engineering, IRCCS Ospedale San Camillo

**Fabio Sebastiano** – Engineer, IRCCS Istituto Neurologico Mediterraneo Neuromed

**Paolo Cappa** - Full Professor, Department of mechanical and aerospace engineering, Sapienza University of Rome

**Enrico Castelli** – Head, Paediatric Neurorehabilitation Unit IRCCS Ospedale Pediatrico Bambino Gesù

**Giovanni Storto** - Director, Nuclear medicine IRCCS Centro di riferimento oncologico della Basilicata

**Francesco Fabbri** – Head, Cytometry and CTC, IRCCS Istituto scientifico romagnolo per lo studio e la cura dei tumori

**Giulio Pompilio** – Head, Vascular biology Laboratory, IRCCS Centro cardiologico Fondazione Monzino

**Priscilla Pani** – Researcher, Sapienza University of Rome

**Massimiliano Magrini** - Managing Partner, United Ventures

**Stefano Ronchi** – CFO, Principia SGR

**Graziano Seghezzi** – Partner, Sofinnova

**Vittorio Pignatti Morano di Custoza** - Founder & CEO, Trilantic Capital Partners

**Diana Saraceni** – Founder & Managing Partner, Panakes Partner

**Philippe Pouletty** – Founder, Truffle Capital

**Claudio Rumazza** – Partner, Innogest SGR

**Elisabeth Robinson** - Investment Director, Quadrivio Capital SGR

**Matteo De Bartolomeis** - Senior Analyst, Quadrivio Capital SGR

**Martin Walton** - Managing Director, Excalibur group

**9:30 – 13:30**

**“Sala Arancione”**

**Students meet scientists from the Italian IRCCS**

*Researchers exchange views with high school students. Application of models and practical tests of scientific advances so as to stimulate their curiosity and bring them closer to science.*

**10:30 – 11:30**

**Auditorium**

**“Sala Massimo”**

**Health and Smart Technology. New tools for biomedical research: challenges and opportunities**

*In the near future, the health care system as we know it today is going to radically change. The dissemination of new medical technologies and the use of health data will clearly require us to work on raising patients’ awareness, so that they could be more actively involved in care process. We need to rethink tasks and roles of both regulators and health professionals. The development of health applications is rapidly growing and the number of people regularly using new technologies to store and send health records is also increasing. New multinational corporations work alongside traditional pharmaceutical and biomedical industry in medical research and will invest in offering new treatment options based on genetic variability, environment and patients’ lifestyles.*

*In this section we intend to learn more about new perspectives in medicine, innovation opportunities for patients and physicians, challenges faced by policy makers and regulators.*

Chair: **Luca Pani** – Director-General, Italian Medicines Agency

Panel: **Marcella Marletta** - Director-General for Medical devices and pharmaceutical service, Ministry of Health

**Oliva Alberti** - Chief Executive Officer, Diatech Pharmacogenetics

**Andy Felton** - Ph.D. VP Product Management, Clinical Sequencing Division (CSD) Life Science - Thermo Fisher Scientific

**Luciano Frattini** - Chief Executive Officer, Medtronic Italia S.p.A.

**Alessandro Curioni** - Vice-President, IBM, European Research Coordinator

**Marco Campione** - President & Chief Executive Officer, GE Healthcare Italia

**Antonio Bosio** - Director, Product Solution Division Samsung

**Simonetta Moreschini** - Director, Public Sector Microsoft

**Sergio Abrignani** - Scientific Director, Istituto Nazionale Genetica Molecolare

**11:30 – 13:30**  
**Auditorium**  
**"Sala Massimo"**

**Researcher and research challenges: competitiveness (calls for proposals) and career advancement (flexibility and guarantees)**

*Jobs Act rules also apply to the public sector since 1 January 2017. Therefore, we must have a clear view of the current scenario, as well as of which are the prospects following the introduction of new legislation. Biomedical research is increasingly embedded in the health care service: the time has come for a new image of health researcher. What future is there for research staff? Interdisciplinarity as a value increasingly characterising research groups: which are the old and new professional figures in the field of biomedical research?*

Chair: **Mario Melazzini** - President, Italian Medicines Agency; President, Research Sector Health Technical Committee, Ministry of Health

Panel: **Antonino Saitta** - Piemonte Regional Councillor for Health

**Pier Giuseppe Torrani** – President, AIRC

**Umile Giuseppe Longo** – President, Young researchers Section – Health Technical Committee, Ministry of Health; Researcher, Campus Bio-Medico University Hospital

**Nicola Vitiello** - Assistant Professor, Wearable Robotics Laboratory, Head The Biorobotics Institute, Scuola Superiore Sant'Anna, Pisa

**Stefania Mondello** – Researcher, IRCCS Oasi Maria S.S.

**Jenny Sassone** - Researcher, Fondazione IRCCS Istituto Neurologico Carlo Besta

**Marie Louise Bang** (Denmark) – Researcher, IRCCS Humanitas IRGB/CNR

**Anna Kajaste** (Finland) – Researcher, IRCCS S. Raffaele

**Silke Krol** (Germany) – Researcher, IRCCS Ospedale Oncologico Bari

**Francesco Ripa di Meana** - President, FIASO

**Giovanni Leonardi** - Director-General for Health research and innovation, Ministry of Health

**Vito De Filippo** - Under-Secretary of State, Ministry of Health

**Closing remarks**

**Beatrice Lorenzin** –Minister of Health

Presents: **Alma Grandin** - Head, TG1 Service

**13:30 – 14:30** BREAK

**14:30 – 17:30**  
**Auditorium**  
**"Sala Massimo"**

**The new challenges of competition: 2016 Finalised Research and Independent Research Calls for proposals**

*Introduction of new competitive calls for proposals. Finalised Research Call for proposals and Call for proposals for Young Researchers by the Ministry of Health, as well as AIFA Independent Research Call for proposals, for EUR 135 million and nearly 30 million respectively. Novelties in the calls for proposals and their description as programming and guidance tool for biomedical research system of our Country. Open discussion with the researchers.*

Chair : **Giovanni Leonardi** - Director-General for Health research and innovation, Ministry of Health

Panel: **Sandra Petraglia** - Director, Research and clinical trials Office AIFA

**Egle Parisi** – Director, Office 4 Directorate-General for Health research and innovation, Ministry of health

**Gaetano Guglielmi** – Director, Office 3 Directorate-General for Health research and innovation, Ministry of Health

**Maria Luisa Moro** – Coordinator, Regional Discussion Table for Research