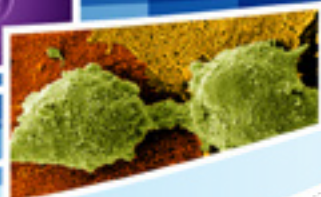
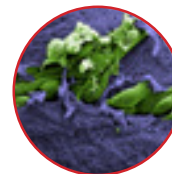
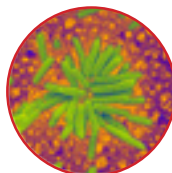


Istituto Superiore di Sanità

Italian National Institute of Health



Research for public health





Editors: Paola De Castro, Anna Maria Rossi

Graphic designer and editing: Cosimo Marino Curianò

with the collaboration of Tonino Sofia for English translation  
and Giacomo Toth for editing



## *Mission*

*Promotion and protection of national and international public health through research, surveillance, regulation, control, prevention, communication, counselling and training.*

## *Vision*

*The ISS produces knowledge through research and trials and disseminates scientific knowledge and evidence to decision-makers, professional workers and citizens in order to protect and promote public health.*



# ITALIAN NATIONAL INSTITUTE OF HEALTH

**The Italian National Institute of Health (Istituto Superiore di Sanità, ISS) is the main Italian research institute in the biomedical and public health field. It is the technical and scientific body of the Italian National Health Service.**

Promotion and protection of public health are pursued through activities carried out especially in the areas related to the following types of diseases: neurological, psychiatric, oncological, haematological, genetic, infectious, cardiovascular, endocrine-metabolic, immune-mediated, and ageing-related.

The Institute develops tools and strategies aimed at ensuring food safety, fighting zoonoses and promoting the adoption of healthy diets. It assesses the environmental risks for human health and carries out environmental monitoring, biomonitoring and surveillance.

As the official Italian medicines control laboratory it performs quality and safety evaluation of medicines to be marketed or already on the market. In addition, it carries out research and performs preclinical and clinical assessment of medicines including their discovery, development, and testing.

Other activities include: research and therapies against HIV/AIDS and related syndromes;

research and analysis of population health from a global perspective to combat inequalities in access to healthcare services; research to validate diagnostic practices and therapies in gender medicine; research in the field of mental health to detect environmental etiopathogenetic mechanisms and to promote psycho-physical welfare; research, surveillance and prevention of addiction and doping; assessment of health risks arising from the use of chemical substances and cosmetics, prevention and surveillance of harmful substances and poisoning exposures; prevention of risks deriving from exposure to ionizing and non-ionizing radiation and development of methods in computational physics; coordination of animal testing activities to protect animal welfare; research and monitoring on quality and safety of delivering healthcare services to patients; assessment of health technologies; research in telemedicine, new health information technologies and innovations.

The Institute hosts the National Reference Centre for rare diseases, the National Transplant Centre and the National Blood Centre.

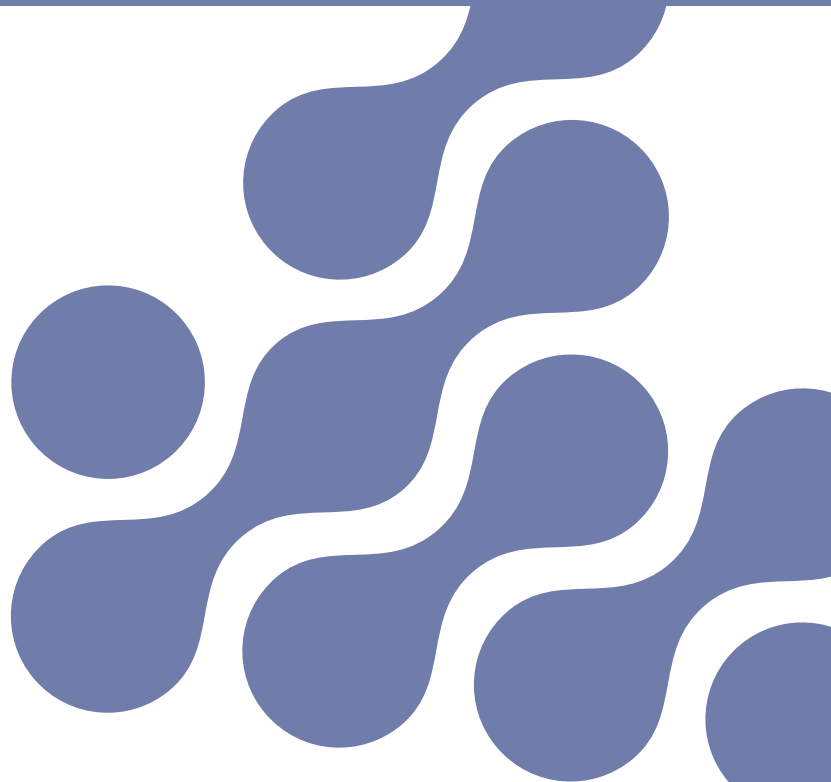
The Institute collaborates on research activities and clinical trials with national institutions performing public health functions such as the Ministry of Health and the Ministry for the Environment, regions, local health units, hospitals and scientific institutes for research, hospitalisation and healthcare. It is also involved in a wide range of international activities including scientific and technical support to the European Commission and its Member States, to WHO, EFSA, ECDC, IARC, OECD, OIE, UNEP, and other organizations, and to developing countries, to countries with economies in transition, and to those suffering

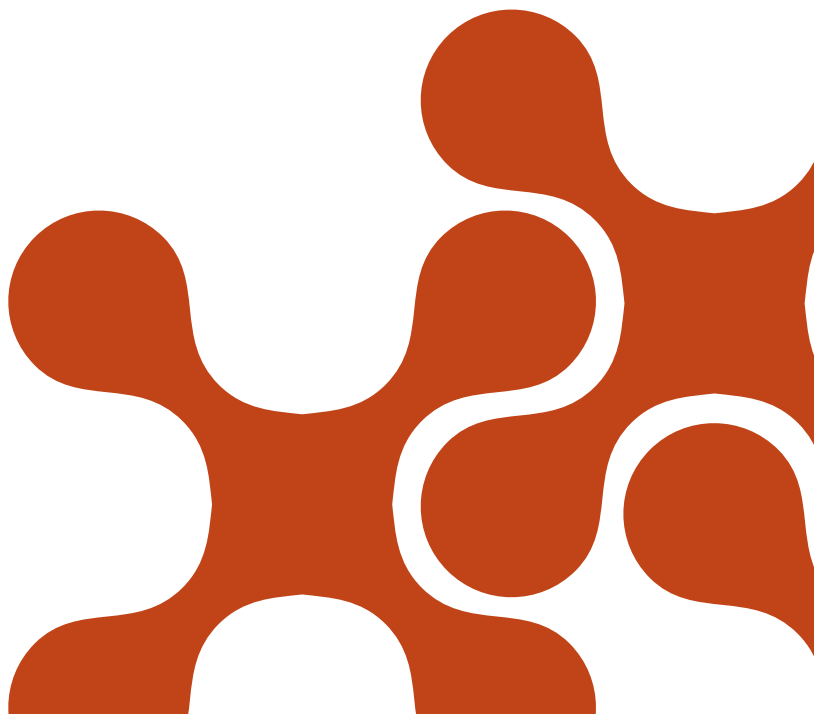
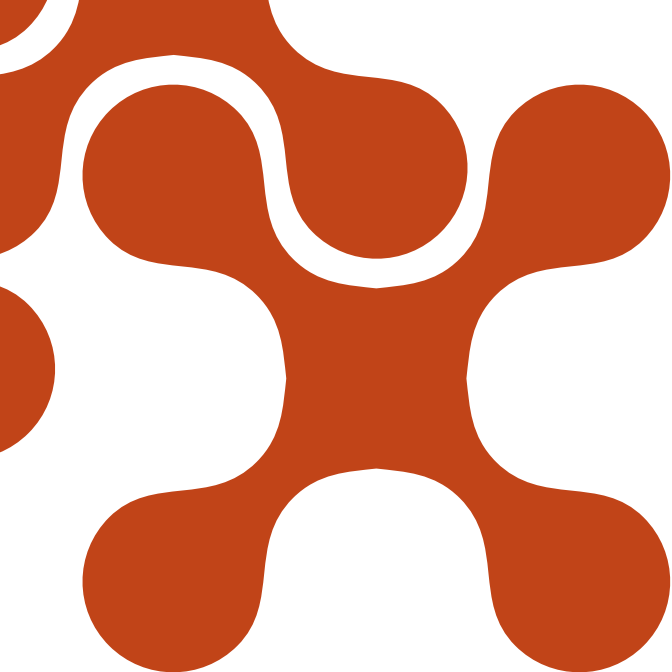
natural emergencies or war situations.

The Institute plans, develops and organises training courses on health education in the field of public health for the personnel of the National Health Service. It also organises congresses, conferences, workshops and seminars both at national and international level on important public health issues.

It produces a range of scientific publications including: the *Annali*, a quarterly peer-reviewed journal with impact factor, the *Notiziario*, a monthly newsletter on current activities, technical reports and monographs on public health issues.

The technical and scientific area of the Institute includes 6 Departments, 16 National Centres, 2 Reference Centres, 5 Technical-scientific Services and a Notified Body.







# Departments

Cardiovascular, endocrine-metabolic and ageing-associated diseases

Environment and health

Food safety, nutrition and veterinary public health

Infectious diseases

Neurosciences

Oncology and molecular medicine

*Technical and Scientific Operational Area*



## Cardiovascular, endocrine-metabolic and ageing-associated diseases

Director: *Graziano Onder*  
e-mail: [graziano.onder@iss.it](mailto:graziano.onder@iss.it)

Population health and longevity promotion supporting the National Health Service in prevention, diagnosis and treatment of ageing-associated, cardiovascular, endocrine-metabolic, and immune-mediated diseases, the major responsible for the burden of disease, disability, and mortality in the world population.



# Departments

*Technical and Scientific Operational Area*



## Environment and health

Acting Director: *Lucia Bonadonna*  
e-mail: [lucia.bonadonna@iss.it](mailto:lucia.bonadonna@iss.it)

Multidisciplinary assessment of environmental risks for human health through the development of advanced methods and technologies. Research and testing aimed to identify and characterize risk factors; environmental monitoring; population biomonitoring and surveillance to identify primary prevention measures and to reduce and communicate risks.

# Departments

*Technical and Scientific Operational Area*



## Food safety, nutrition and veterinary public health

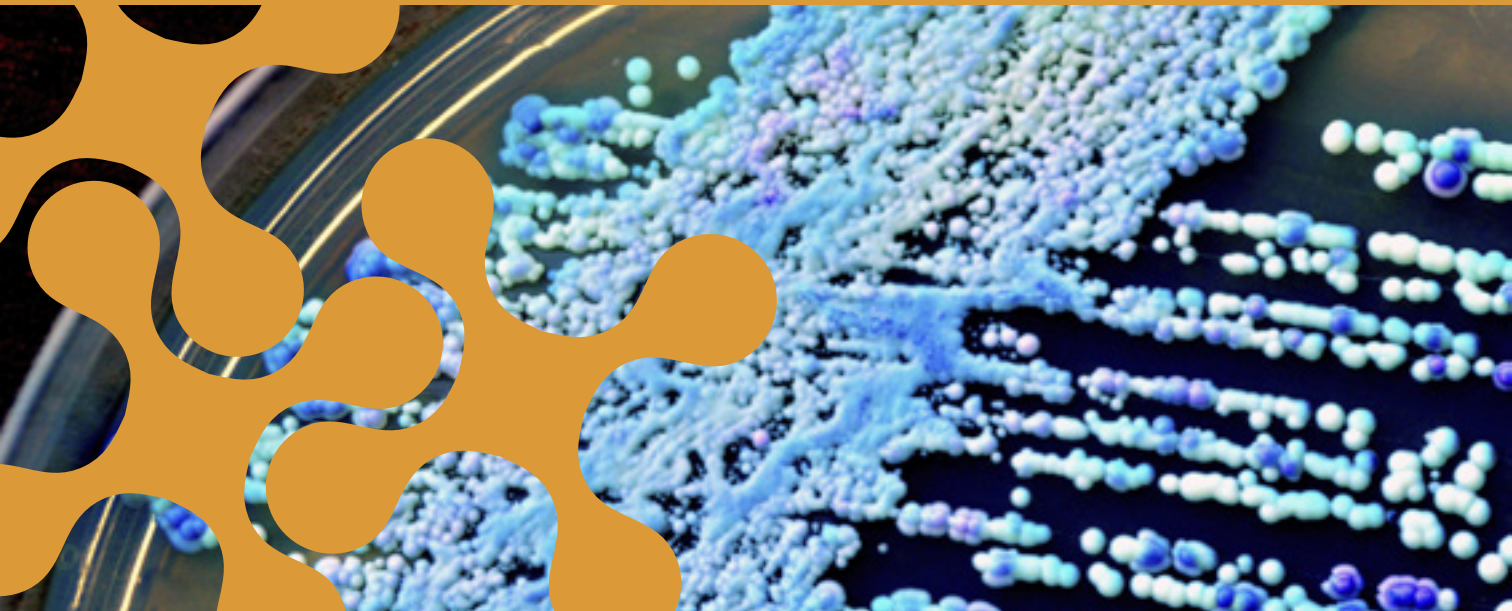
Director: *Umberto Agrimi*

e-mail: [dipspsva@iss.it](mailto:dipspsva@iss.it)

Promotion and protection of public health through the development, the assessment and the application of knowledge, tools and strategies aimed at ensuring food safety, fighting zoonoses and promoting the adoption of healthy diets.

# Departments

*Technical and Scientific Operational Area*



## Infectious diseases

Acting Director: *Annalisa Pantosti*  
e-mail: [annalisa.pantosti@iss.it](mailto:annalisa.pantosti@iss.it)

Fighting against infectious diseases, by promoting and coordinating public health and research activities. Surveillance and control of bacterial, viral, and parasitic diseases. Research on pathogens and host response to infectious agents, antimicrobial treatment and vaccines.

# Departments

*Technical and Scientific Operational Area*



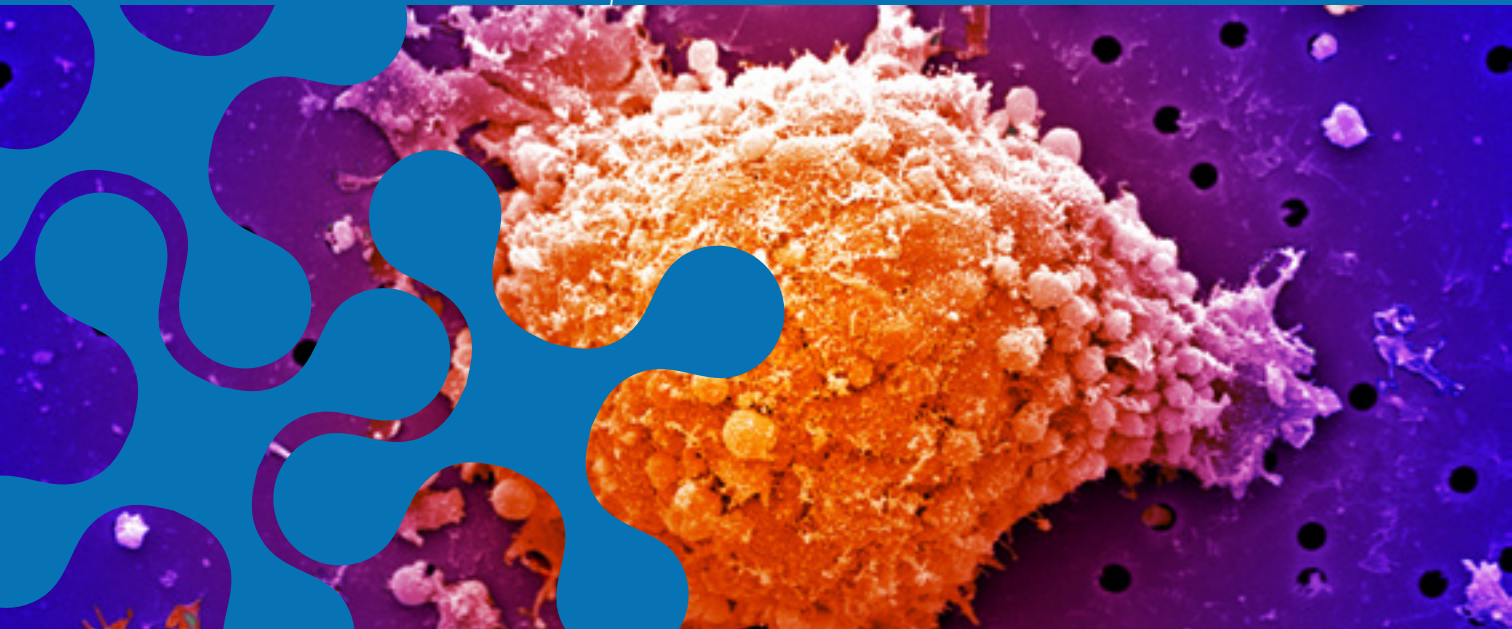
## Neurosciences

Acting Director: *Francesca Aloisi*  
e-mail: francesca.aloisi@iss.it

Promoting and protecting public health through research, surveillance, prevention, advice and training in the field of neurological diseases.



*Technical and Scientific Operational Area*

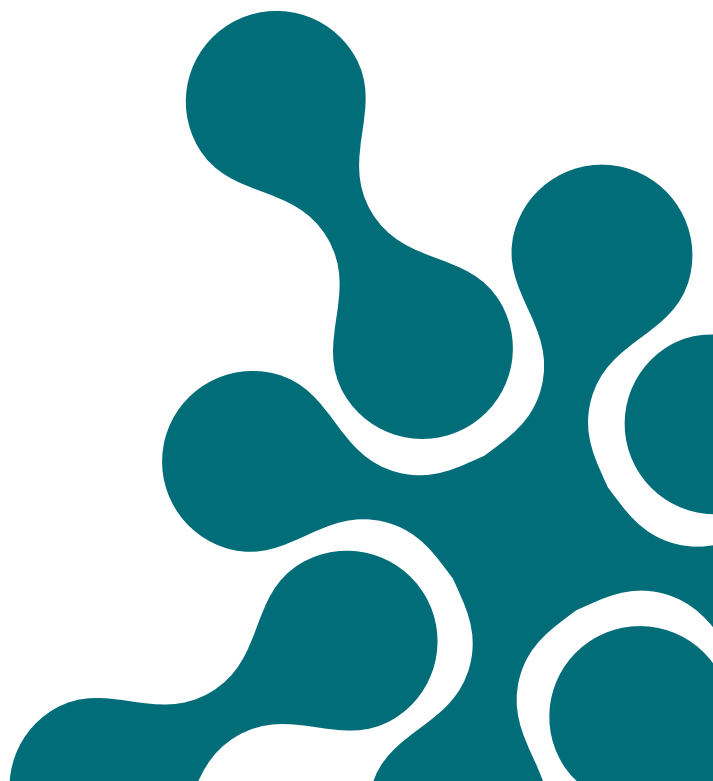


## Oncology and molecular medicine

Director: *Mauro Biffoni*

e-mail: [mauro.biffoni@iss.it](mailto:mauro.biffoni@iss.it)

Research in oncology, haematology and genetic diseases with a strong translational focus in identifying and validating biomarkers (predictive, diagnostic and prognostic) and new therapeutic targets. Epidemiology of tumors and development of secondary and tertiary prevention strategies also through research on pathogenetic mechanisms.





# National Centres

Addiction and doping

Animal research and welfare

Chemicals, cosmetics and consumer protection

Clinical excellence, healthcare quality and safety

Control and evaluation of medicines

Disease prevention and health promotion

Drug research and evaluation

Global health

Health technology assessment

HIV/AIDS research

Innovative technologies in public health

Radiation protection and computational physics

Rare diseases

Telemedicine and new healthcare technologies

Blood

Transplants

# National Centres

*Technical and Scientific Operational Area*



## Addiction and doping

Director: *Roberta Pacifici*

e-mail: [roberta.pacifici@iss.it](mailto:roberta.pacifici@iss.it)

National reference point for research, surveillance, prevention, advice, free helplines and awareness-raising activities on addiction and doping (tabagism, drugs of abuse, alcohol, doping agents, and gambling). Support to national public health policies and to international regulatory authorities. Early warning system on new psychoactive substances. WHO Collaborating Centre for Research and Health Promotion on Alcohol and Alcohol-related Health Problems.



# National Centres

*Technical and Scientific Operational Area*



## Animal research and welfare

Director: *Rodolfo Nello Lorenzini*  
e-mail: [rodolfo.lorenzini@iss.it](mailto:rodolfo.lorenzini@iss.it)

Coordination of animal testing ensuring the utmost welfare of the animals involved. Technical-scientific support to the Institute's Departments and Centres.

# National Centres

*Technical and Scientific Operational Area*



## Chemicals, cosmetics and consumer protection

Director: *Rosa Draisci*

e-mail: [rosa.draisci@iss.it](mailto:rosa.draisci@iss.it)

Hazard and risk assessment of chemicals also for authorization procedures; evaluation and regulatory activities at European and international level. Coordination and contact point for national plans for prevention and surveillance of the hazardous exposure and poisoning for chemicals, cosmetics and other similar products. Safety and control of chemicals, mixtures and articles, innovative materials and emerging technologies for the protection of general population and consumers. National reference laboratory for substances, mixtures and articles for the implementation of the REACH regulation and the legislation related to classification, labelling and packaging of substances and mixtures.

# National Centres

*Technical and Scientific Operational Area*



Clinical excellence, healthcare quality and safety

Director: *Primiano Iannone*  
e-mail: [primiano.iannone@iss.it](mailto:primiano.iannone@iss.it)

Guidance on the quality of healthcare services through evidence-based research and monitoring. Guidance and support for continuous improvement of health services based on high standards of efficacy, efficiency, quality and appropriateness through research and analysis of available evidence. Ensuring a rational use of resources and equity to healthcare access through the use of indicators and tools such as clinical, diagnostic, therapeutic and care pathways.

# National Centres

*Technical and Scientific Operational Area*



## Control and evaluation of medicines

Director: *Carlo Pini*

e-mail: [carlo.pini@iss.it](mailto:carlo.pini@iss.it)

Official Italian laboratory for the control of medicines; analysis of chemical, biological and biotechnological drugs; support to national and international regulatory authorities in the control and evaluation of medicines to be marketed or already on the market in order to ensure their safety and quality; research and development in relevant areas.

# National Centres

*Technical and Scientific Operational Area*



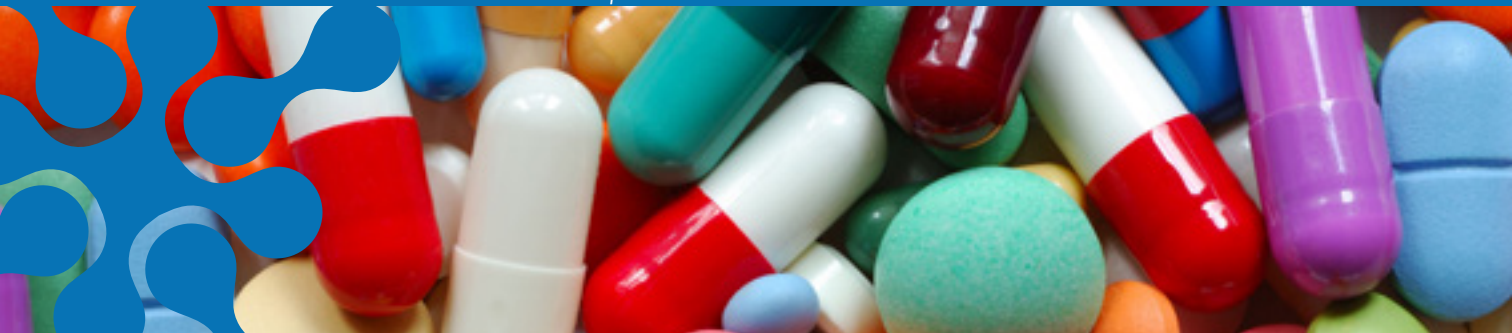
## Disease prevention and health promotion

Director: *Angela Spinelli*  
e-mail: [angela.spinelli@iss.it](mailto:angela.spinelli@iss.it)

National and international coordination of activities to prevent diseases and promote health; promotion of evidence-based and sustainable actions, and assessment of their outcomes; research into effective methods to promote health; development of an integrated multidisciplinary approach to prevention.

# National Centres

*Technical and Scientific Operational Area*



## Drug research and evaluation

Director: *Patrizia Popoli*  
e-mail: [patrizia.popoli@iss.it](mailto:patrizia.popoli@iss.it)

Support in the discovery, development and testing of new drugs in order to protect and improve public health. Preclinical and clinical research, technical-scientific and regulatory evaluation of drugs in the pre-approval phase, risk-benefit research and assessment of marketed drugs.

# National Centres

*Technical and Scientific Operational Area*



## Global health

*Acting Director: Massimo Sargiacomo*  
e-mail: [massimo.sargiacomo@iss.it](mailto:massimo.sargiacomo@iss.it)

Multi- and inter-disciplinary research and action concerned with improving health for all and fighting health inequalities worldwide. Through basic, translational, clinical and operational research, the Centre brings innovation in vaccines and medicines for the communicable and chronic non-communicable diseases and works towards universal access to quality essential health-care services, combining population-based disease prevention with personalized patient care. Promotion of cooperation and collaboration within and beyond biomedical science; research on social determinants of health, with specific attention to marginalised and vulnerable populations, in both high income and low income countries.



# National Centres

*Technical and Scientific Operational Area*



## Health technology assessment

Director: *Marco Marchetti*  
e-mail: [marco.marchetti@iss.it](mailto:marco.marchetti@iss.it)

Health Technology Assessment (HTA) to improve healthcare quality and standards, and to achieve best value. Integration of HTA principles and methodologies into planning and practice of public health services.



# National Centres

*Technical and Scientific Operational Area*



## HIV/AIDS research

Director: *Barbara Ensoli*  
e-mail: [cn aids@iss.it](mailto:cn aids@iss.it)

Translational research programmes, from basic research to clinical studies, on the pathogenetic mechanisms of HIV infection and its progression in order to develop diagnostic, preventive and therapeutic strategies to fight HIV/AIDS and associated syndromes. Monitoring, information and training activities aimed at controlling the spread of HIV infection.

# National Centres

*Technical and Scientific Operational Area*



Innovative technologies in public health

Director: *Mauro Grigioni*  
e-mail: [mauro.grigioni@iss.it](mailto:mauro.grigioni@iss.it)

Public health promotion by multidisciplinary approach in research, design and development, optimization and assessment of innovative technologies.

# National Centres

*Technical and Scientific Operational Area*



## Radiation protection and computational physics

Director: *Francesco Bochicchio*

e-mail: [francesco.bochicchio@iss.it](mailto:francesco.bochicchio@iss.it)

Promotion of public health by protecting from health risks deriving from exposure to ionizing and non-ionizing radiation, by optimizing medical exposures to radiation, and by developing computational physics methods.

# National Centres

*Technical and Scientific Operational Area*



## Rare diseases

Director: *Domenica Taruscio*  
e-mail: [domenica.taruscio@iss.it](mailto:domenica.taruscio@iss.it)

National and international reference point for rare diseases: scientific research, technical-scientific coordination and control, public health, surveillance as well as monitoring of the national rare diseases network through the national register. Priority topics include: translational research, promoting high-quality diagnosis and care, training of national health services staff, providing information on relevant services, legislation and regulations, promoting the social inclusion of patients, and participating in the development of European and international programmes and networks on rare diseases.

# National Centres

*Technical and Scientific Operational Area*



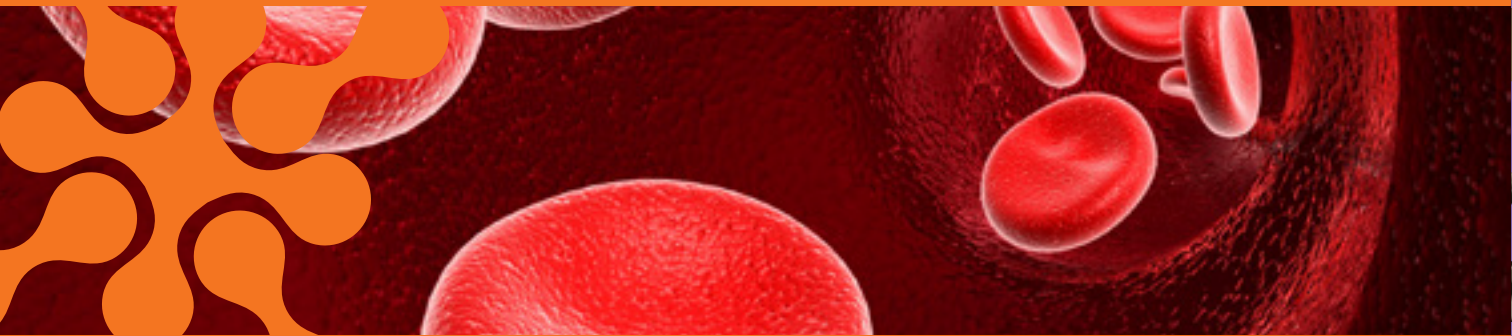
## Telemedicine and new healthcare technologies

Director: *Francesco Gabrielli*  
e-mail: [francesco.gabrielli@iss.it](mailto:francesco.gabrielli@iss.it)

Promotion, coordination, management of researches and governance activities for healthcare and social applications, in the environment of digital technologies and telemedicine.

# National Centres

*Technical and Scientific Operational Area*



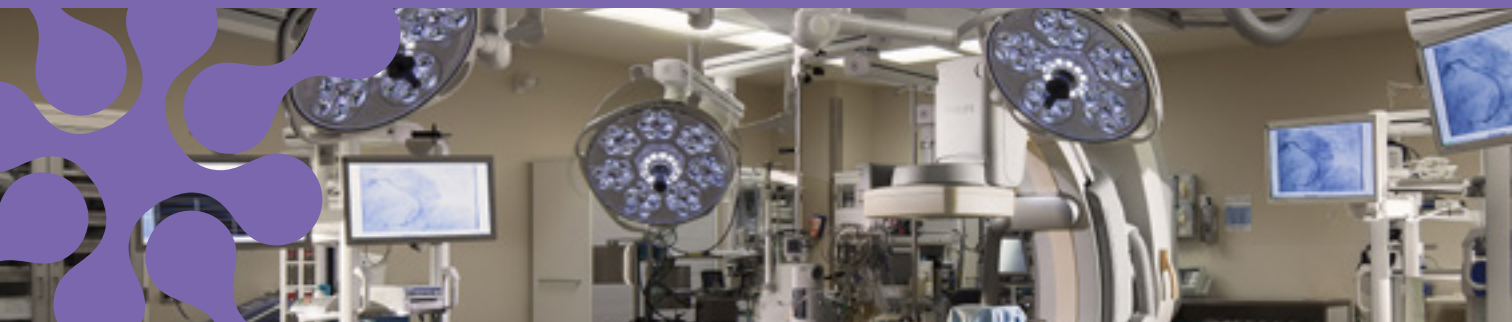
## Blood

Director: *Giancarlo Maria Liembruno*  
e-mail: [segreteria generale.csn@iss.it](mailto:segreteria generale.csn@iss.it)

Coordination and technical-scientific control in the field of blood transfusion in compliance with the national and European legislation, as well as the promotion and support of regional and national self-sufficiency of blood, blood components and blood products; higher levels of the blood transfusion chain; effective public health protection; same conditions and compliance with the European legislation, in terms of quality and safety, of the blood transfusion system throughout the country; development of transfusion medicine and of the proper use of blood and blood products; specific programmes for diagnosis and care.

# National Centres

*Technical and Scientific Operational Area*

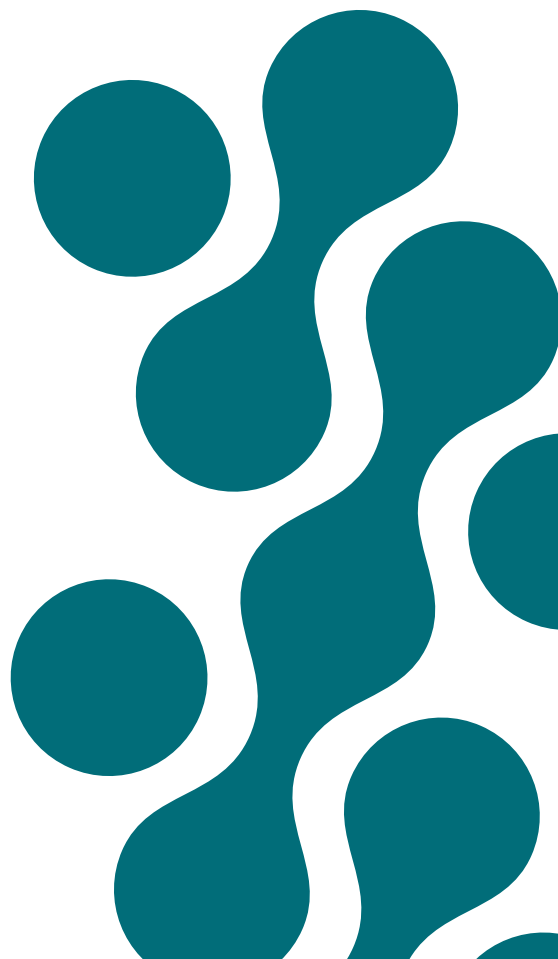


## Transplants

Director: *Massimo Cardillo*

e-mail: [centronazionale.trapianti@iss.it](mailto:centronazionale.trapianti@iss.it)

Coordination, monitoring and promotion of the activities related to donation and transplantation of organs, tissues and cells throughout the country, in line with Italian and European standards, to ensure higher efficiency and uniformity of the individual processes and the functioning of the regional transplant systems; management of organ allocation at national level; monitoring and promotion of safety and quality through the management of surveillance and records systems, issuing of guidelines and protocols, auditing facilities and establishments; development of training and information activities to ensure that people working in the field are up-to-date and skilled; promotion of communication and awareness-raising activities aimed at a broader knowledge of donation and transplantation issues; management of international relationships.







# Reference Centres

Behavioural sciences and mental health  
Gender medicine

# Reference Centres

*Technical and Scientific Operational Area*



## Behavioural sciences and mental health

Director: *Gemma Calamandrei*  
e-mail: [gemma.calamandrei@iss.it](mailto:gemma.calamandrei@iss.it)

Pursuit and coordination of preclinical and clinical-epidemiological research on environmental (such as stress, socio-economic factors, exposure to neurotoxic substances) and genetic factors underlying onset and progression of behavioural and psychiatric disorders. Development and validation of innovative diagnostic and therapeutic practices for the promotion of psychological well-being and mental health with special reference to critical life periods such as childhood, adolescence and aging.

# Reference Centres

*Technical and Scientific Operational Area*



## Gender medicine

Director: *Alessandra Carè*  
e-mail: [alessandra.care@iss.it](mailto:alessandra.care@iss.it)

Promotion, development and coordination of preclinical, clinical and epidemiological studies aimed at improving gender tailored prevention, early detection, and therapeutics of diseases that affect both women and men.





# Technical-scientific Services

Biological service

Core facilities

Grant office and technology transfer

Research coordination and support

Statistics

# Technical-scientific Services

*Technical and Scientific Operational Area*



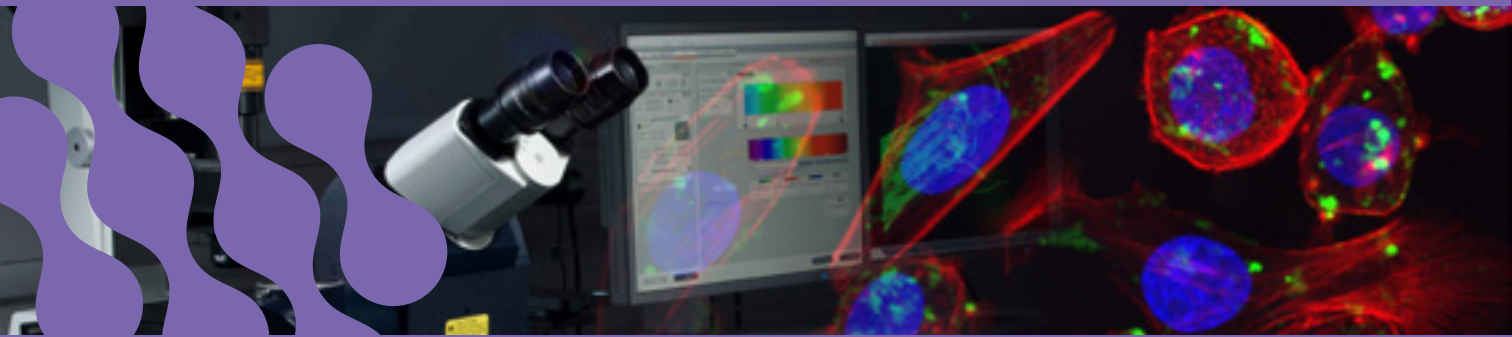
## Biological service

Director: *Laura Nicolini*  
e-mail: [laura.nicolini@iss.it](mailto:laura.nicolini@iss.it)

Study and assessment of biological risk factors including training, research, analytical control and management activities. Fermentation pilot plant and cleanroom facility.

# Technical-scientific Services

*Technical and Scientific Operational Area*



## Core facilities

Director: *Marco Crescenzi*  
e-mail: [marco.crescenzi@iss.it](mailto:marco.crescenzi@iss.it)

Management of high-cost technologies to be shared within the Institute in order to promote common access of scientists, inside and outside ISS, to tech platforms; instrument maintenance and updating; scientific research; technical-scientific training; design and development of methods and technologies; data processing; support to the strategic management of ISS scientific equipment.

# Technical-scientific Services

*Technical and Scientific Operational Area*



## Grant office and technology transfer

Acting Director: *Romano Arcieri*  
e-mail: [gott@iss.it](mailto:gott@iss.it)

Promotion and coordination of the Institute's participation in national and international specific calls; assessment and enhancement/exploitation of Intellectual Property developed in R&D programmes.



# Technical-scientific Services

*Technical and Scientific Operational Area*



## Research coordination and support

Director: *Luisa Minghetti*  
e-mail: [luisa.minghetti@iss.it](mailto:luisa.minghetti@iss.it)

Coordination of research activities promoted by the European Union research infrastructures in the biomedical field and support to the development of national and international biomedical and health research.

# Technical-scientific Services

*Technical and Scientific Operational Area*



## Statistics

Acting Director: *Giada Minelli*  
e-mail: [giada.minelli@iss.it](mailto:giada.minelli@iss.it)

Institute's representative in the National Statistics System carrying out all the activities established by law; statistical and epidemiological analyses of health and demographic data from current flows and international collaborations; health statistics activities.



# Notified Body

Director: *Roberta Marcoaldi*  
e-mail: [roberta.marcoaldi@iss.it](mailto:roberta.marcoaldi@iss.it)

Conformity assessment of medical devices (MD) and in vitro diagnostic medical devices (IVD) for the issue of CE certificates according to the European Directives.





# Offices of the President

President: Silvio Brusaferrò

President's secretariat

Scientific secretariat

Bioethics unit

External relations office and centre for international affairs

Knowledge unit (documentation and library)

Press office

Scientific communication unit

Training office

# Offices of the President



## President's secretariat

Head: *Daniela Storani*  
e-mail: [presidenza@iss.it](mailto:presidenza@iss.it)

Reports directly to the President: provides secretarial assistance supporting the President's functions and responsibilities; coordinates institutional and external relations.

## Scientific secretariat

*Luigi Bertinato*  
e-mail: [luigi.bertinato@iss.it](mailto:luigi.bertinato@iss.it)

Carries out technical-scientific activities to support the President's functions, including relationships with the Institute's technical-scientific units.

# Offices of the President



## Bioethics unit

Director: *Carlo Petrini*  
e-mail: [carlo.petrini@iss.it](mailto:carlo.petrini@iss.it)

Provides advice on bioethical issues in research and institutional activities within the Institute and in relation with external institutions. It supports the activity of the Institute's Ethics Committee.

# Offices of the President



External relations office and centre for international affairs

Director: *Luca Rosi*

e-mail: [luca.rosi@iss.it](mailto:luca.rosi@iss.it)

Institutional functions and tasks with respect to national and international relations.



# Offices of the President



## Knowledge unit (documentation and library)

Director: *Franco Toni*  
e-mail: [franco.toni@iss.it](mailto:franco.toni@iss.it)

Collection, organization and dissemination of scientific documents, and databases management to support Institute's research activities.

# Offices of the President



## Press office

Director: *Mirella Taranto*  
e-mail: [ufficio.stampa@iss.it](mailto:ufficio.stampa@iss.it)

Dissemination of Institute's official information in agreement with the Director-General; institutional relationships with the media; information monitoring from Italy and abroad; press reviews on activities in the Institute's area of expertise.

# Offices of the President



## Scientific communication unit

Director: *Paola De Castro*  
e-mail: [paola.decastro@iss.it](mailto:paola.decastro@iss.it)

Development of policies for communication and dissemination of technical-scientific information: promotion, dissemination and exploitation of Institute's outcomes; planning, editing and producing Institute's publications; management of the Institute's Museum, of the School-work alternating system at the Institute, and of the "ISSalute" portal.

# Offices of the President



## Training office

Director: *Alfonso Mazzaccara*  
e-mail: [alfonso.mazzaccara@iss.it](mailto:alfonso.mazzaccara@iss.it)

Training and events planning, promotion and assessment.



# Directorate-General

Director-General: Andrea Piccioli

e-mail: [direzione.generale@iss.it](mailto:direzione.generale@iss.it)

Offices of the Directorate-General

Directorate-General supporting structures



## Offices of the Directorate-General

Institutional and legal affairs

Logistics, planning and maintenance

## Directorate-General supporting structures

Secretariat

Occupational health and safety

Management planning and control

Information technology

Support to the responsables for purchasing procedures

Security and access control system



# Organization





## Governing Bodies

President  
Board of Directors  
Scientific Committee  
Board of Auditors

Ethics Committee  
Independent Evaluation Office

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## Technical and Scientific Operational Area

### Departments

Cardiovascular, endocrine-metabolic and ageing-associated diseases  
Environment and health  
Food safety, nutrition and veterinary public health  
Infectious diseases  
Neurosciences  
Oncology and molecular medicine

### National Centres

Addiction and doping  
Animal research and welfare  
Chemicals, cosmetics and consumer protection  
Clinical excellence, healthcare quality and safety  
Control and assessment of medicines  
Disease prevention and health promotion  
Drug research and evaluation  
Global health  
Health technology assessment  
HIV/AIDS research  
Innovative technologies in public health  
Radiation protection and computational physics  
Rare diseases  
Telemedicine and new healthcare technologies

Blood  
Transplants





## Reference Centres

Behavioural sciences and mental health  
Gender medicine

## Technical-scientific Services

Biological service  
Core facilities  
Grant office and technology transfer  
Research coordination and support  
Statistics

## Notified Body

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## Administrative Operational Area

### Central Directorate for general affairs

Office of general affairs  
Office for employment disputes resolution and disciplinary measures.  
Application of anti-corruption and transparency laws

### Central Directorate for human resources and finance

Office of budget, accounts and tax affairs  
Office for terms and conditions of employment regulations  
of permanent and fixed-term staff  
Office for recruitment, fellowships and training  
Contracts office  
Projects and agreements office





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Istituto Superiore di Sanità

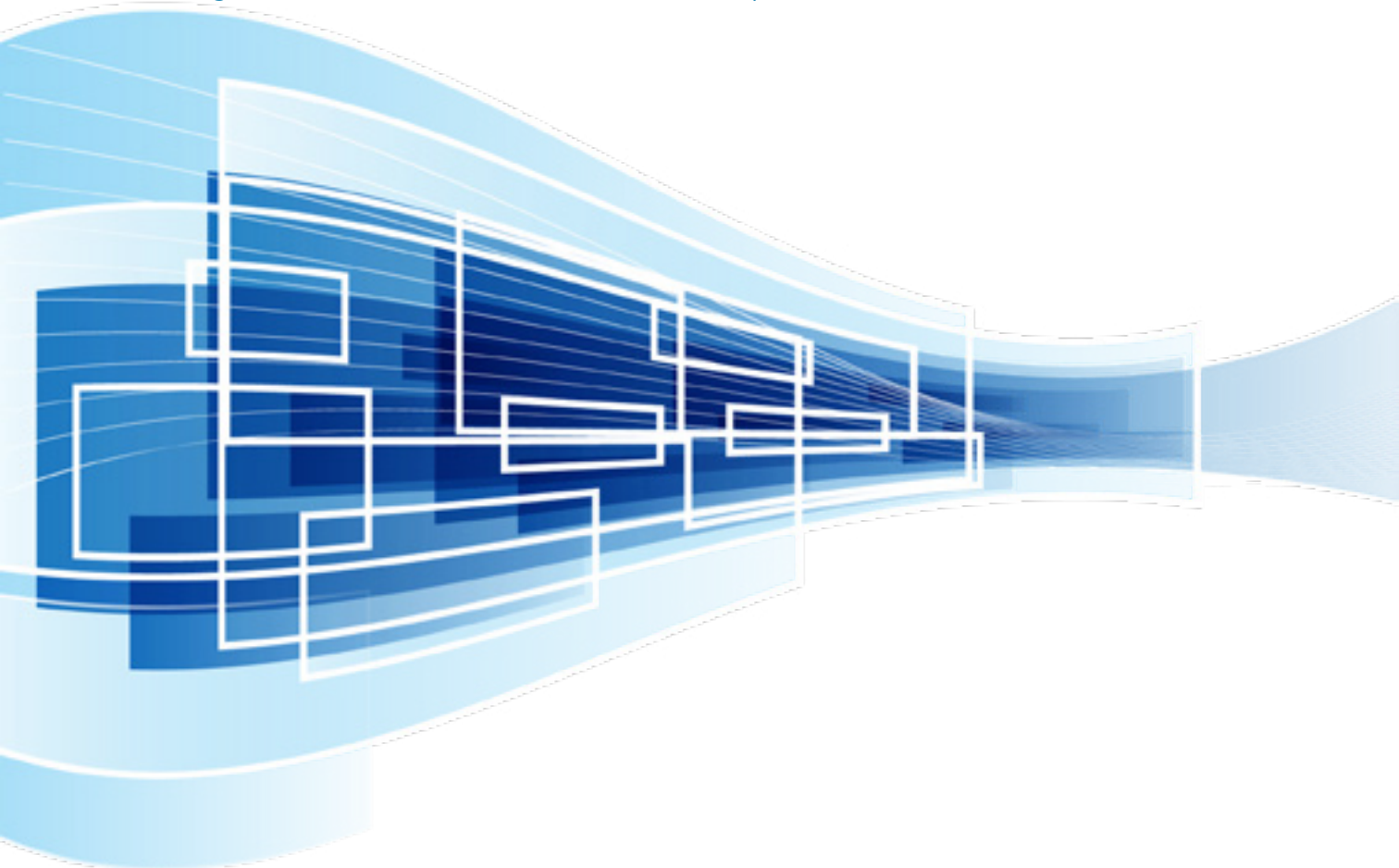
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edited by ISS Scientific Communication Unit