

Italy



Statistical data refers to 2019

REPRESENTING INSTITUTIONS

- > Ministry of Education, University and Research

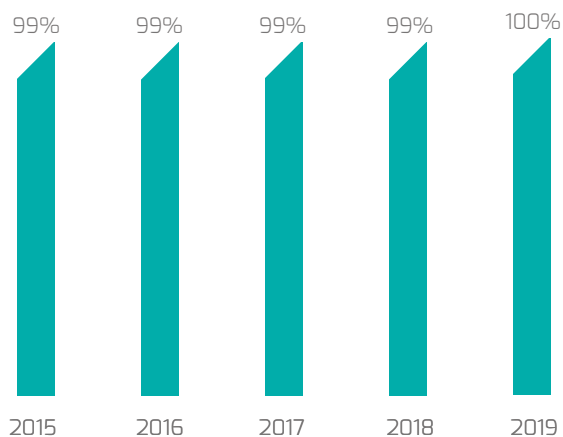


RUNNING ACTIONS LED BY RESEARCHERS IN ITALY

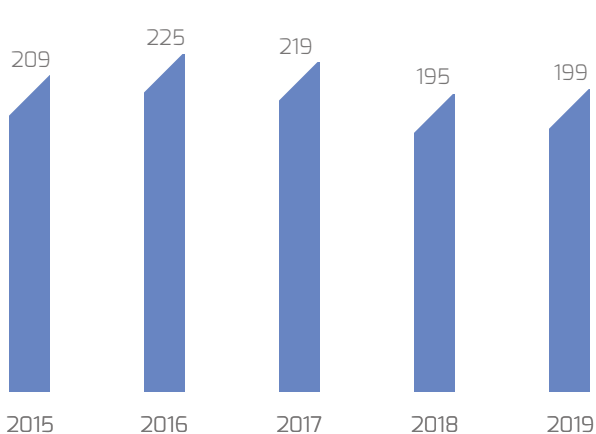
Examples of chaired Actions

- > European Network for Chemical Elemental Analysis by Total Reflection X-Ray Fluorescence
- > Multi-target paradigm for innovative ligand identification in the drug discovery process (MuTaLig)
- > Stem cells of marine/aquatic invertebrates: from basic research to innovative applications
- > Professionalization and Social Impact of European Political Science
- > Quantum Technologies in Space
- > Genomic Biodiversity Knowledge for Resilient Ecosystems
- > Uncovering the Mediterranean salt giant (MEDSALT)
- > Innovation with Glycans: new frontiers from synthesis to new biological targets
- > European cholangiocarcinoma network
- > The Geography of New Working Spaces and the Impact on the Periphery
- > Industrially Contaminated Sites and Health Network (ICSHNet)
- > Data integration to maximise the power of omics for grapevine improvement
- > Biodiversity Of Temperate forest Taxa Orienting Management Sustainability by Unifying Perspectives

COUNTRY REPRESENTATION IN COST ACTIONS

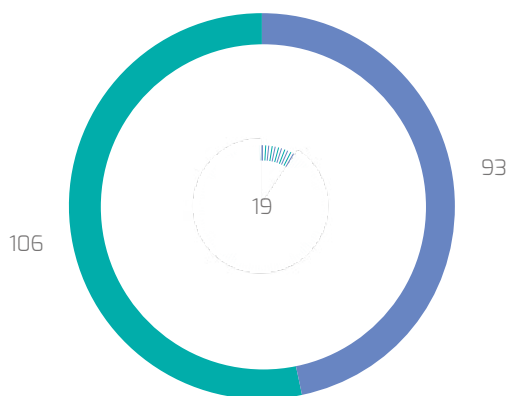


LEADERSHIP POSITIONS IN COST ACTIONS



A CLOSE LOOK AT LEADERSHIP POSITIONS

■ Women ■ Men // Younger researchers

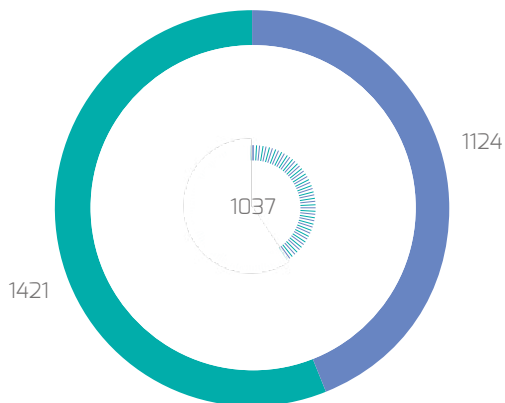


“ COST brings together brilliant researchers who look at the same scientific problem with different perspectives. These synergies are fundamental for any advance in science. ”

Chiara Riganti, Associate Professor, Department of Oncology, University of Torino

INDIVIDUAL PARTICIPATION IN ALL ACTION ACTIVITIES

■ Women ■ Men // Younger researchers



PARTICIPATION IN NETWORKING ACTIVITIES

237

Short-term scientific missions

264

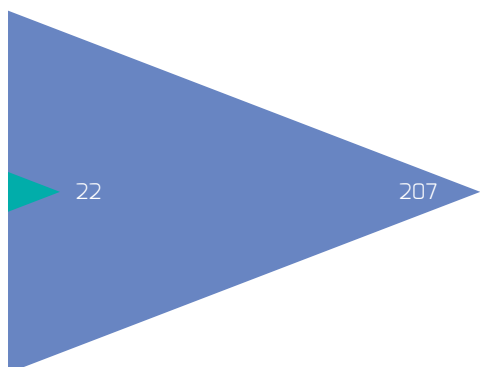
Trainees

92

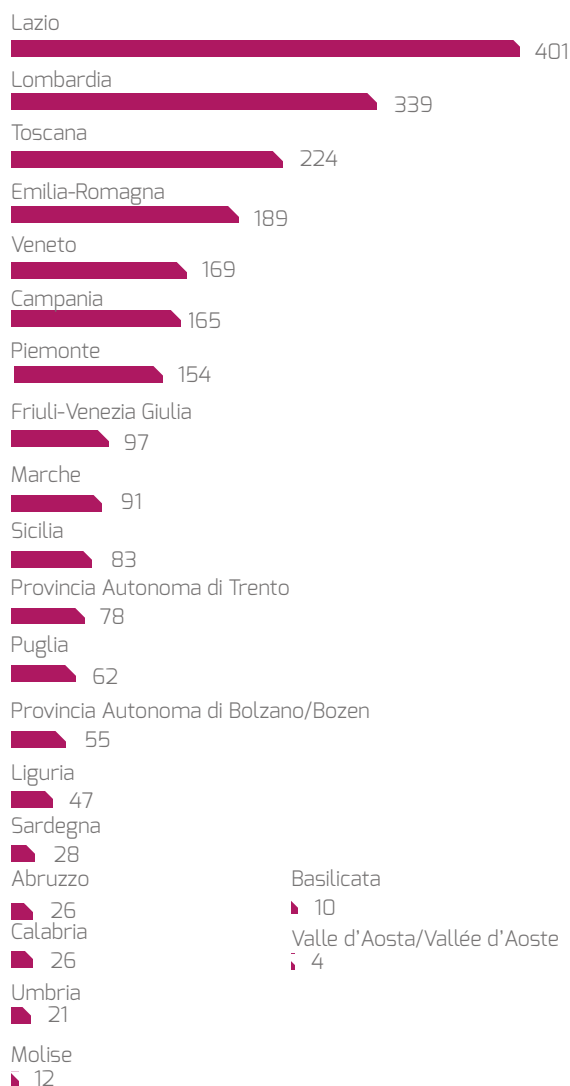
Trainers

NETWORKING ACTIVITIES IN ITALY

■ Short-term scientific missions ■ Training schools



PARTICIPATION PER COUNTRY REGION



BUDGET RECEIVED

→ €2,014,755.29

EXPERTISE OF PROPOSERS

| | | | |
|--|-----|------------------------------------|-------------|
| Agricultural biotechnology | 9 | Law | 24 |
| Agriculture, Forestry, and Fisheries | 57 | Materials engineering | 20 |
| Animal and dairy science | 11 | Mathematics | 35 |
| Arts | 6 | Mechanical engineering | 33 |
| Basic medicine | 33 | Media and communications | 16 |
| Biological sciences | 140 | Medical biotechnology | 15 |
| Chemical engineering | 21 | Medical engineering | 13 |
| Chemical sciences | 73 | Nano-technology | 5 |
| Civil engineering | 49 | Other engineering and technologies | 25 |
| Clinical medicine | 75 | Other agricultural sciences | 5 |
| Computer and Information Sciences | 50 | Other humanities | 9 |
| Earth and related Environmental sciences | 67 | Other medical sciences | 8 |
| Economics and business | 71 | Other social sciences | 14 |
| Educational sciences | 11 | Philosophy, Ethics and Religion | 30 |
| Electrical engineering, electronic engineering, information engineering | 71 | Physical Sciences | 47 |
| Environmental biotechnology | 3 | Political Science | 18 |
| Environmental engineering | 42 | Psychology | 25 |
| Health Sciences | 67 | Social and economic geography | 11 |
| History and Archeology | 18 | Sociology | 29 |
| Industrial biotechnology | 2 | Veterinary science | 8 |
| Languages and literature | 42 | | |
| | | Total | 1308 |

“Our participation in a COST Action has led to the creation of a successful consortium that applied for EU research funding. The networking activities we hosted helped improve our reputation as a centre of excellence in our research field. Our Action has also allowed us to avoid duplicating efforts in research.”

Dr Stephano Ferrari, Researcher, Fondazione Banca degli Occhi del Veneto, Venice

MAKING THE HEADLINES

The screenshot shows the homepage of 'insalute news', a medical news outlet. The main article is titled 'Staminali da placenta e amnios, promettenti applicazioni terapeutiche. Ricerca clinica all'Università Cattolica'. The article is dated 13 FEBBRAIO 2019 and is attributed to 'INSALUTENEWS.IT'. A sub-headline reads: 'Partito un progetto internazionale nell'ambito del programma "Horizon 2020": sotto i riflettori la cura di tantissime malattie con staminali, dalla fibrosi polmonare alla sclerosi multipla. Il progetto è coordinato dall'UCSC'. The article is accompanied by an image of a person in a laboratory setting. The website header includes navigation links for Home, Medicina, Ricerca, Nutrizione, Fitness, Psicologia, Sessuologia, Società, Attualità, Ambiente e Territorio, Scienza e Tecnologia, and Sicurezza. A search bar is located in the top right corner. The left sidebar contains social media links and a search bar. The right sidebar features a 'SEGUI CI SU' section with social media icons and a 'FOCUS ATTUALITÀ' section with a small image of a medical professional.

COST Action CA17116 Staminali da placenta e amnios, promettenti applicazioni terapeutiche. Ricerca clinica all'Università Cattolica

View the full story here:
<https://bit.ly/31eJ7bC>

The screenshot shows the homepage of 'ANSA Puglia'. The main article is titled 'Algoritmi per predire malattie cardiache' and is dated 18 settembre 2019. The article is attributed to 'ANSA.it - Puglia' and is categorized under 'Algoritmi per predire malattie cardiache'. The article text reads: '(ANSA) - BARI, 18 SET - Una ricerca dell'Università di Bari punta a "diagnosticare o addirittura prevedere l'insorgere di determinate malattie, quali il diabete mellito di tipo 2 e le malattie cardiovascolari", indagando la loro correlazione con il "microbioma", il patrimonio genetico dei batteri ospitati in particolare nell'intestino umano. Uno studio per cui è necessaria una duplice formazione, di biologia in ambito genomico e di informatica in intelligenza artificiale (machine learning): partendo da persone malate, vengono compiute analisi per conoscere il loro microbioma, puntando a creare modelli predittivi algoritmici, che dicano quanto è probabile che una persona si ammali in futuro. Un giovane ricercatore dell'Università di Bari, Gianvito Pio, ha portato questo approccio all'International University of Sarajevo, come "trainer" dal 2 al 4 settembre in un gruppo di studenti e ricercatori con la duplice formazione in ambito genomico e di intelligenza artificiale. A Sarajevo ha portato il contributo della ricerca barese "Statistical and machine learning techniques in human microbiome studies", nell'ambito del progetto europeo'. The article is accompanied by an image of a person in a laboratory setting. The website header includes navigation links for Edizioni (Mediterraneo, Europa-Ue, Nuova Europa, America Latina, Brasile, English, Podcast, ANSAcheck) and social media icons. A search bar is located in the top right corner. The left sidebar contains social media links and a search bar. The right sidebar features a 'VIDEO ANSA' section with a small image of a person in a laboratory setting and an 'ULTIMA ORA PUGLIA' section with a list of news items.

COST Action CA18131 Algoritmi per predire malattie cardiache - Puglia 10.2M

View the full story here:
<https://bit.ly/2Qf8VhM>