

HUMANITAS



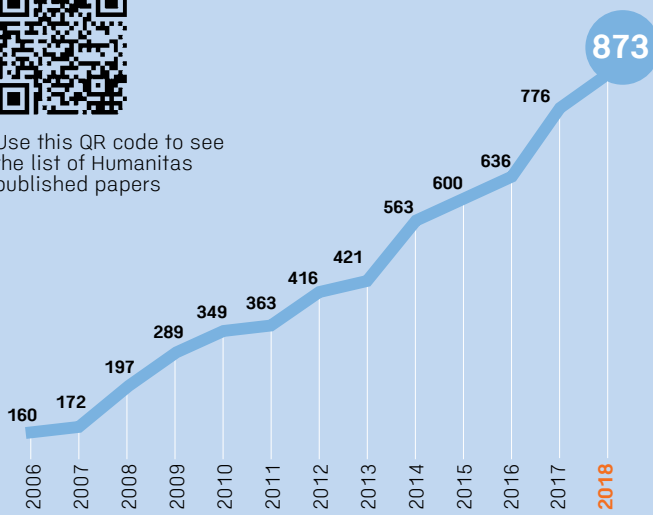
SCIENTIFIC REPORT
Highlights
2019

HUMANITAS
RESEARCH HOSPITAL

SCIENTIFIC ACTIVITIES



Use this QR code to see the list of Humanitas published papers



Publications

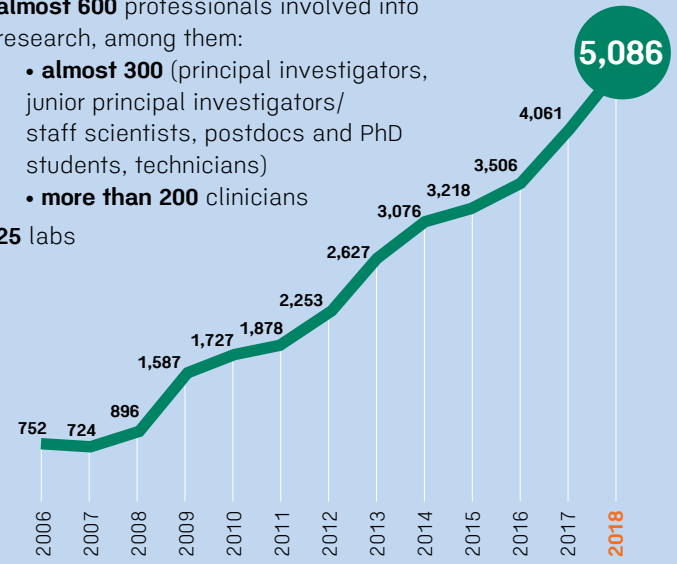
Number of Humanitas publications - Years 2006-2018

5,086 = Impact factor in 2018

almost 600 professionals involved into research, among them:

- almost 300 (principal investigators, junior principal investigators/ staff scientists, postdocs and PhD students, technicians)
- more than 200 clinicians

25 labs

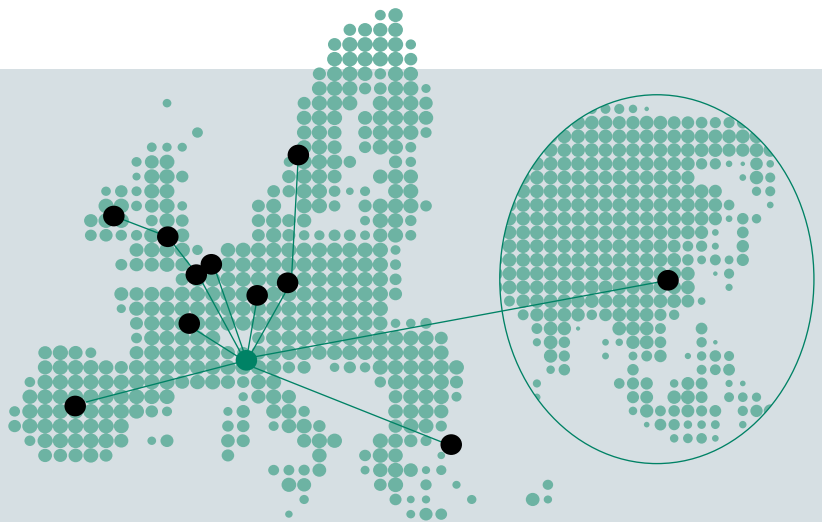


Impact factor

Total Impact Factor of Humanitas publications - Years 2006-2018

INTERNATIONAL NETWORK

Belgium, China, France, Germany, Ireland, Netherlands, Norway, Poland, Spain, Turkey, United Kingdom: collaboration at international level is fundamental for clinical practice and have led to outstanding results in the treatment of neoplastic, gastrointestinal, cardiovascular, neurological and immunological diseases.



International School of Medicine

Humanitas University is a private non profit institution dedicated to medical sciences, founded in 2014 and based upon experience in university teaching since 2000. It is strictly interconnected with Humanitas hospitals, where clerkship activities take place.



39% international students³ from

Europe (EU): Belgium, Bulgaria, Finland, France, Germany, Greece, Ireland, Luxembourg, Netherlands, Poland, Portugal, Romania, Sweden, Switzerland, United Kingdom.

Rest of the world: Angola, Australia, Bosnia-Erzegovina, Brazil, Canada, China, Cyprus, Congo, Egypt, Fiji Islands, Ghana, India, Iran, Iraq, Israel, Japan, Kenya, Lebanon, Malaysia, Mexico, Morocco, Nigeria, Pakistan, Philippines, Russia, Serbia, Seychelles, Singapore, Slovenia, South Africa, South Korea, Spain, Srilanka, Sudan, Taiwan, Thailand, Trinidad and Tobago, Turkey, USA, Uzbekistan, Venezuela, Vietnam, Zambia.

³ Students enrolled in the first year of Medicine



Geographical distribution of foreign researchers at Humanitas



Scientific Direction and Research Laboratories

Director: **Alberto Mantovani**
professor at Humanitas University

ADAPTIVE IMMUNITY

Junior principal investigator: **Marinos Kallikourdis**
researcher at Humanitas University

ANALYSIS AND REHABILITATION OF MOTOR FUNCTION

Clinical Research Associate: **Roberto Gatti**
professor at Humanitas University

APPLIED PHYSICS, BIOPHYSICS AND MICROFLUIDICS

Principal investigator: **Roberto Rusconi**
professor at Humanitas University

CELLULAR AND MOLECULAR ENDOCRINOLOGY

Clinical Research Associate: **Andrea Lania¹**
professor at Humanitas University

CELLULAR IMMUNOLOGY

Principal investigator: **Paola Allavena**

CLINICAL AND EXPERIMENTAL IMMUNOLOGY

Principal investigator: **Domenico Mavilio**

CLINICAL IMMUNOLOGY AND AUTOIMMUNITY AND METABOLISM

Clinical Research Associate: **Carlo Francesco Selmi¹**

DEVELOPMENTAL NEUROBIOLOGY

Junior principal investigator: **Simona Lodato**
professor at Humanitas University

EXPERIMENTAL IMMUNOPATHOLOGY

Principal investigator: **Cecilia Garlanda**
professor at Humanitas University

GASTROINTESTINAL IMMUNOPATHOLOGY

Clinical Research Associate: **Silvio Danese¹**
professor at Humanitas University

GENOMICS OF HAEMATOLOGICAL MALIGNANCIES

Clinical Research Associate: **Matteo Della Porta¹**
professor at Humanitas University

IMMUNOPHARMACOLOGY

Principal investigator: **Barbara Bottazzi**

IMMUNOPATHOLOGY HEPATOBIILIARY LAB

Clinical Research Associate: **Ana Lleo De Nalda¹**
professor at Humanitas University

LEUKOCYTE BIOLOGY

Principal investigator: **Massimo Locati**

LEUKOCYTE MIGRATION

Principal investigator: **Silvano Sozzani**

MEDICAL GENETICS AND RNA BIOLOGY

Principal investigator: **Stefano Duga**
professor at Humanitas University

MOLECULAR ALLERGOLOGY

Clinical Research Associate: **Walter Giorgio Canonica¹**
professor at Humanitas University

MOLECULAR GASTROENTEROLOGY

Clinical Research Associate: **Luigi Laghi¹**

MOLECULAR IMMUNOLOGY

Principal investigator: **Antonio Sica**

MUCOSAL IMMUNOLOGY AND MICROBIOTA

Principal investigator: **Maria Rescigno**
professor at Humanitas University

ONCOLOGY EXPERIMENTAL THERAPEUTICS

Clinical Research Associate: **Carmelo Carlo-Stella¹**
professor at Humanitas University

PHARMACOLOGY AND BRAIN PATHOLOGY

Principal investigator: **Michela Matteoli**
professor at Humanitas University

SKIN PATHOLOGY LAB

Principal investigator: **Antonio Costanzo¹**
professor at Humanitas University

TRANSCRIPTIONAL AND EPIGENETIC CONTROL IN INFLAMMATION AND CANCER

Principal investigator: **Gioacchino Natoli**
professor at Humanitas University

TRANSLATIONAL IMMUNOLOGY

Principal investigator: **Enrico Lugli**

TUMOR MICROENVIRONMENT

Junior principal investigator: **Diletta Di Mitri**

NATIONAL RESEARCH COUNCIL (CNR)

HUMAN GENOME AND MEDICAL BIOTECHNOLOGIES

Junior Principal Investigators: **Barbara Cassani, Cristina Sobacchi, Francesca Ficara**

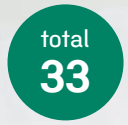
INFLAMMATION AND IMMUNOLOGY IN CARDIOVASCULAR PATHOLOGIES

Clinical Research Associate: **Gianluigi Condorelli**
professor at Humanitas University

SIGNAL TRANSDUCTION IN CARDIAC PATHOLOGIES

Principal investigator: **Daniele Catalucci**

Italian researchers who returned after an experience abroad



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¹ In addition to research, he/she works as a clinician

² H index >20. Fonte: Scopus

Humanitas

RESEARCH & UNIVERSITY HOSPITAL

WHO WE ARE

Humanitas is a highly-specialised hospital, research, and teaching center, which hosts Humanitas University, an academic institute dedicated to life sciences.

The hospital is built around centers for the prevention and treatment of **cancer, cardiovascular, neurological, autoimmune, inflammatory, and orthopaedic diseases.**

The first Italian hospital certified by Joint Commission International since 2002, and in 2018 as Academic Hospital, Humanitas is accredited by Italy's National Health Service.

Appointed as excellent in clinical care and research (IRCCS) by the Italian Ministry of Health, Humanitas is an internationally well known **research center** with focus on **immune system-related diseases.**

Humanitas Research Hospital is the flagship of a hospital group also present in Milan, Bergamo, Turin, Catania and Castellanza (Varese).

CLINICAL ACTIVITY 2018

44,000 admissions from Italy and abroad
31,000 surgeries
55,000 ER patients
40,000 radiotherapy treatments
290,000 radiology and nuclear medicine examinations
3.8 million lab tests
2.7 million outpatients

OUR EMPLOYEES

2,900 in total, with:
740 physicians
260 researchers and teachers
1,400 nurses, technicians, biologists and others
500 client service and staff



HUMANITAS
RESEARCH HOSPITAL

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