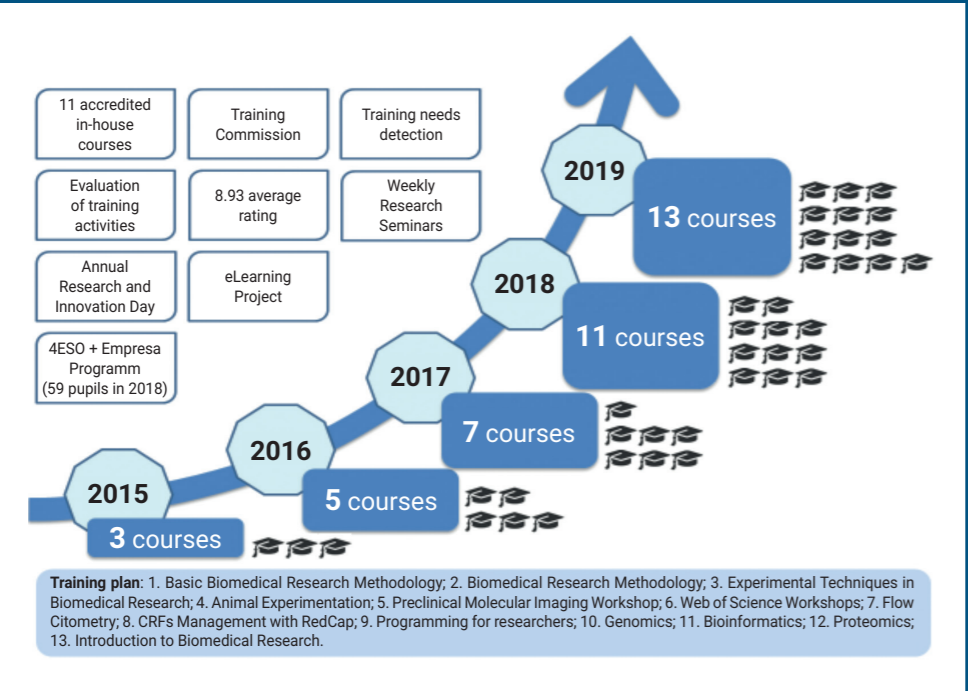


SCIENTIFIC STRUCTURE

7 RESEARCH AREAS	50 GROUPS			
	Consolidated group	Consolidated (in the process of integration) group	Emerging group	Associated group
AREA 1: Biomedical Engineering	1	2	1	1
AREA 2: Cardiovascular Diseases	3		3	
AREA 3: Neuroscience and Mental Health	2			
AREA 4: Clinical Microbiology, Infectious Diseases and AIDS	2			
AREA 5: Diseases of the Immune System	4		2	
AREA 6: Traslational Oncology	3		1	
AREA 7: Systemic Diseases and Organ Trasplantation	7	1	10	6
NURSING CARE RESEARCH GROUP				1

TRAINING



Instituto de Investigación Sanitaria
Gregorio Marañón



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Universidad
Carlos III
de Madrid



Hospital General Universitario
Gregorio Marañón



QR Code: Annual Scientific Report

url: <http://www.iisgm.com/documentacion/memorias/>



Instituto de Investigación Sanitaria
Gregorio Marañón

Presentation

We present, full of pride, the 2021 Scientific Report of the Institute for **Health Research of the Hospital General Universitario Gregorio Marañón (IISGM)**, with the objective of disseminating the research and innovative activity carried out before institutions and social agents but, moreover, of recognizing **the extraordinary effort made by the researchers** of each Research Group. We wish to highlight and acknowledge the dedication and extraordinary work carried out by all members of the Institute in the complex circumstances derived from the COVID pandemic.

The extraordinary research activity carried out has undergone an outstanding growth (greater than 20% with respect to the previous year) in the scientific production of the Institute, which has meant in 2021 reaching **9,539 impact factor points**. It is important to mention the extreme rigor with which the award of publications to the IISGM is analyzed, which clearly determines the robustness of the indicator. Additionally, it is worth mentioning the significant number of publications (48%) led by IISGM researchers, the degree of international collaboration in the different publications, and the proportion of originals in first decile and quartile journals (45%).

The **innovation activity of the IISGM** also stands out, with an extensive portfolio of innovation assets, including three "spin-offs", adapted to the current needs of the health system (c.a. 50% of our patents are licensed to the market) and, above all, with great potential for future growth and highly attractive for the productive and industrial sectors.

This research and innovative activity is possible thanks to the excellent capacity of researchers to **successfully attend competitive calls**, both for projects and human resources, the latter being of especial value, as it is the basis for ensuring the generational renewal of the center's researchers. Within this scenario, it is important to highlight the commitment of the IISGM groups with the **training of researchers**, the result of which highlights the significant number of doctoral theses defended throughout 2021 and the ambitious **Training Plan** (with up to 13 courses accredited) developed under the coordination of the IISGM **Training Commission**.

The managing body of the IISGM, the **Foundation for Biomedical Research Hospital Gregorio Marañón (FIBHGM)**, makes a continuous effort to improve its **internal management processes and continuous quality improvement**. Among the various results, the European Excellence Award in human resources management **Human Resources Strategy For Researchers (HRS4R)** or the fact that IISGM is the first and only Institute for Health Research to be **fully certified under the ISO9001:2015 quality standard**, are worth mentioning.

All these achievements are the result of huge efforts maintained by all IISGM professionals, to which we wish to express our sincere gratitude, in an environment as sensitive as that represented by scientific research in hospitals. Only a coordinated collective effort, aligned with a strategy around improving the health of patients, provides the excellent results that are collected in this report. Interestingly, 3 new groups joined the structure of the IISGM in 2021; Group 1.05. Structural and functional medical image, directed by Jesús de la Torre Fernández y Juan A. Guzmán de Villoria joined Research Area 1 Biomedical Engineering, while Group 7.33. Pathological Anatomy, initially directed by M. Jesús Fernández Aceñero and later by Javier Menárguez Palanca and Group 7.34 Multimorbidity, chronic diseases and health services (Primary Care), directed by Isabel del Cura González and Jesús Martín Fernández joined Research Area 7 Systemic Diseases and Organ Transplantation Research Area. Finally, it is important to express gratitude to all the **Area Coordinators, Group Heads, Research Groups, Research Support Services (SAIs), Clinical Services and especially young researchers**, who constitute the basis of the development and activity of the IISGM.

For yet another year, the results presented in this report supports the fact that our Institution maintains its evolution and growth, generating excellent expectations for the future and placing it in an advantageous position to face the enormous future challenges to come and to shed light on the foundations of biomedical research: observation, for generating questions in the clinical practice and multidisciplinary cooperative research to allow answering them.

Thank you very much.

Dr. Ismael Buño Borde
Scientific Director
IISGM

Dr. Joseba Barroeta Urquiza
Managing Director
Hospital General Universitario Gregorio Marañón



1345

Researchers
at the IISGM



142

Active competitive
R&D projects



1145

Active Clinical
Studies and Trials



9539

Total Impact
Factor Points



83

PI with an active
project



78

Projects awarded through
competitive calls



34

Agreements



1265

Publications



327

Employees
of the FIBHGM



21

Intramural grants
awarded



59

Contracts



45%

Publications in first-quartile
journals



19

Research Support
Services



26

Groups in cooperative
structures



36

Donations



45%

Lead author IISGM



176

Active innovation
projects



45

Copyrights portfolio



70

Patents portfolio



7.54

Mean impact factor

Impact factor



Number of publications



Publications by decile and quartile

