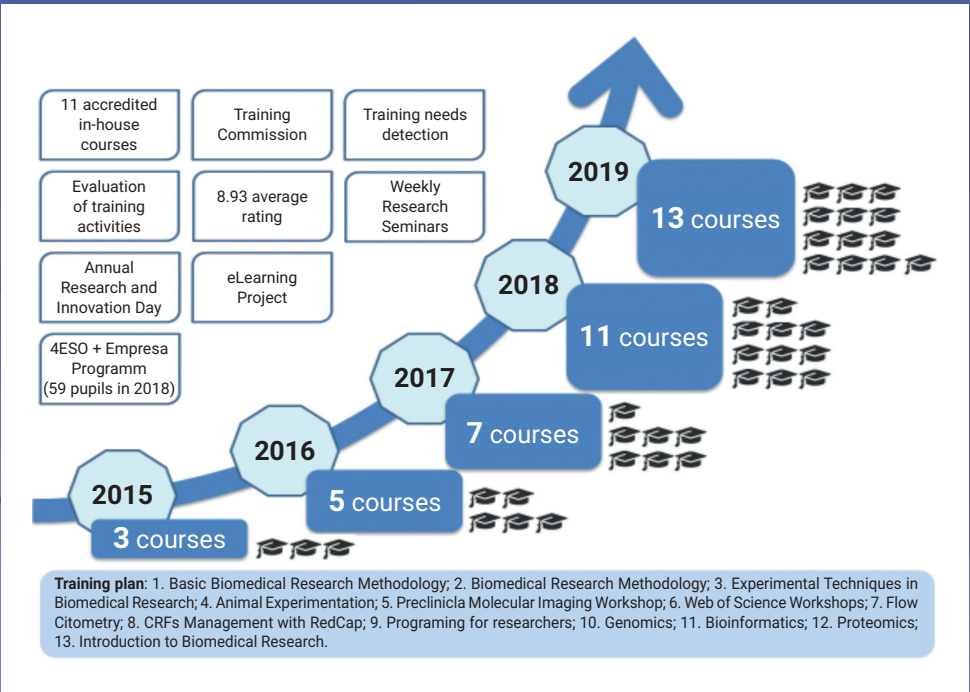


SCIENTIFIC STRUCTURE

7 RESEARCH AREAS	48 GROUPS			
	Consolidated group	Consolidated (in the process of integration) group	Emerging group	Associated group
AREA 1: Biomedical Engineering	1	3		
AREA 2: Cardiovascular Diseases	3		3	
AREA 3: Neuroscience and Mental Health	1		1	
AREA 4: Infectious Diseases and AIDS	2			
AREA 5: Diseases of the Immune System	4		2	
AREA 6: Translational Oncology	3		1	
AREA 7: Systemic Diseases and Organ Transplantation	7		9	7
NURSING 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/>



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Annual Scientific Report

2018

Instituto de Investigación Sanitaria
Gregorio Marañón



Presentation

It is with great satisfaction that we present once again the Scientific Report of the Health Research Institute of the Gregorio Marañón General University Hospital (IISGM). The dissemination of the research activity carried out at the IISGM is an extremely important exercise, on the one hand, to demonstrate to institutions and social agents the research and innovative capacity of the IISGM and, on the other hand, in a particularly relevant way, to recognise the **extraordinary effort made by the researchers of each Research Group**.

The outstanding research activity carried out has allowed the Institute to maintain a significant growth in its scientific production, which has meant that in 2018 the impact factor exceeded 4,000 points. It is important to highlight the extreme rigour with which the adjudication of publications to the IISGM is performed, which clearly determines the robustness of the indicator. Added to this is the significant number of publications (47%) with leadership of IISGM researchers, the degree of international collaboration in the different publications and the proportion of originals in first decile and quartile journals (51%).

It is also important to highlight the commitment of the IISGM groups to the **training of researchers**, as a result of which the significant number of doctoral theses defended during 2017 stands out. In this context, the IISGM develops an ambitious **Training Plan** (with 13 accredited courses) for Researchers coordinated by the **IISGM Training Commission**.

The **consolidation of the Innovation Unit of the IISGM** stands out, which currently represents a dynamic, open, agile and modern structure with a focus not only on technological innovation but increasingly on healthcare innovation understood in the broadest sense. As a result of this activity, the IISGM can boast a portfolio of innovation assets, including a new «spin-off», adapted to the current needs of the health system and, above all, with great potential for future growth and great attractiveness for the productive and industrial sector.

All this development is made possible thanks to the excellent capacity of researchers **to concur effectively in competitive calls for resources**. Particularly noteworthy is the **capacity to attract human resources contracts** in its different programmes, which lays the groundwork for ensuring the generational replacement of the centre's researchers.

The IISGM, through its managing body, the Foundation for Biomedical Research of the Gregorio Marañón Hospital (FIBHGM), makes a continuous effort to **improve its internal management processes and continuous quality improvement**, especially large in this year, as it has had to adapt to the guidelines of the **new Law on Public Sector Contracts** and the **European regulations on Data Protection**. Likewise, the effort has included the management of the European standards of quality within the **«Human Resources Strategy For Researchers (HRS4R)»**, which will result in an added benefit for the development of the researchers' activity. Finally, in our constant commitment to continuous improvement, we have tackled the quality certification of the Institute as a whole, which has successfully culminated in the **IISGM becoming the first Health Research Institute to be certified under the ISO9001:2015 standard**.

This forum offers an unparalleled opportunity to express sincere thanks to all **IISGM researchers** for their continued efforts in such a sensitive context as scientific research in hospitals. Only a cohesive collective effort, properly aligned with a strategy to improve the health of patients, provides the excellent results included in this report. Likewise, it is important to express our gratitude to all the **Area Coordinators, Group Leaders, Research Groups, Research Support Services (RSSs), Clinical Services and especially to young researchers**, who constitute the basis of the development and activity of the IISGM.

The scenario depicted in this report shows that our Institution continues to move forward decisively and generate significant expectations of future growth. This situation places it in a privileged position to face future challenges, to comply with the requirements of the new **Technical Guide for the Evaluation of Accreditations of Health Research Institutes of the Carlos III Health Institute** and to attend to the fundamental pillars of biomedical research: observation in clinical practice from which the questions are born and multidisciplinary cooperative research to answer them.

Thank you very much.

Dr. Ismael Buño Borde
Scientific Director
IISGM

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



1100

Researchers
at the IISGM



198

Active competitive
R&D projects



1190

Active Clinical
Studies and Trials



4020

Total Impact
Factor Points



109

PI with an active
project



75

Projects awarded through
competitive calls



65

Agreements



763

Publications



217

Employees
of the FIBHGM



15

Intramural grants
awarded



74

Contracts



51%

Publications in first-quartile
journals



17

Research Support
Services



58

Groups in cooperative
structures



50

Donations



47%

Lead author IISGM



148

Active innovation
projects



113

Current tangible
assets portfolio



150

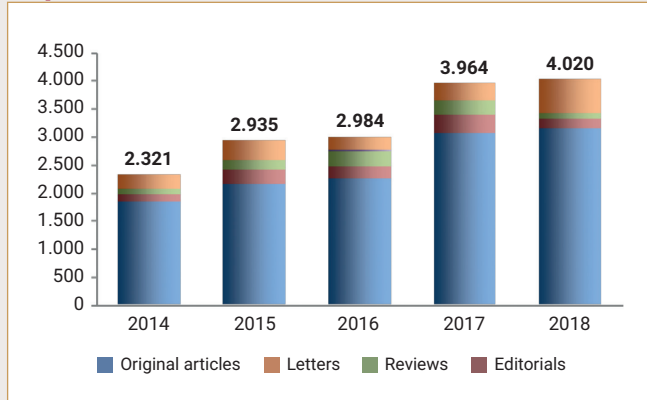
Intangible assets portfolio
(cumulative)



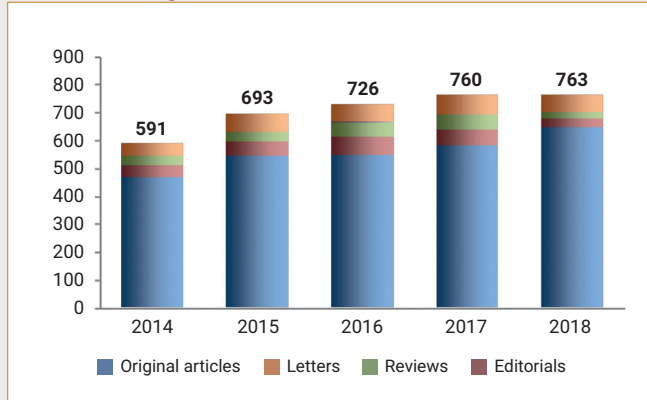
5,27

Mean impact factor

Impact factor



Number of publications



Publications by decile and quartile

