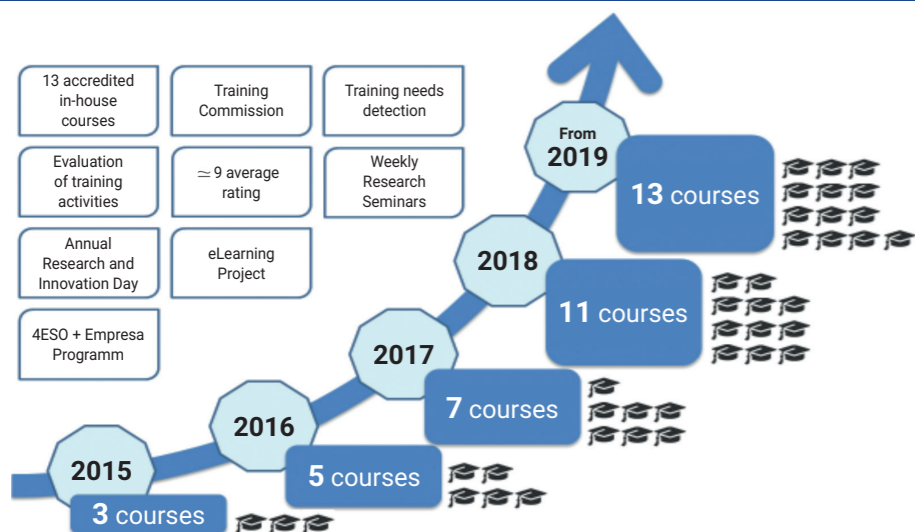




Scientific Structure

7 RESEARCH AREAS	50 GROUPS			
	Consolidated group	Consolidated (in the process of integration) group	Emerging group	Associated group
AREA 1: Biomedical Engineering	3		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



Training plan: 1. Basic Biomedical Research Methodology; 2. Biomedical Research Methodology; 3. Experimental Techniques in Biomedical Research; 4. Animal Experimentation; 5. Preclinical Molecular Imaging Workshop; 6. Web of Science Workshops; 7. Flow Cytometry; 8. CRFs Management with RedCap; 9. Programming for researchers; 10. Genomics; 11. Bioinformatics; 12. Proteomics; 13. Introduction to Biomedical Research.



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Gregorio Marañón



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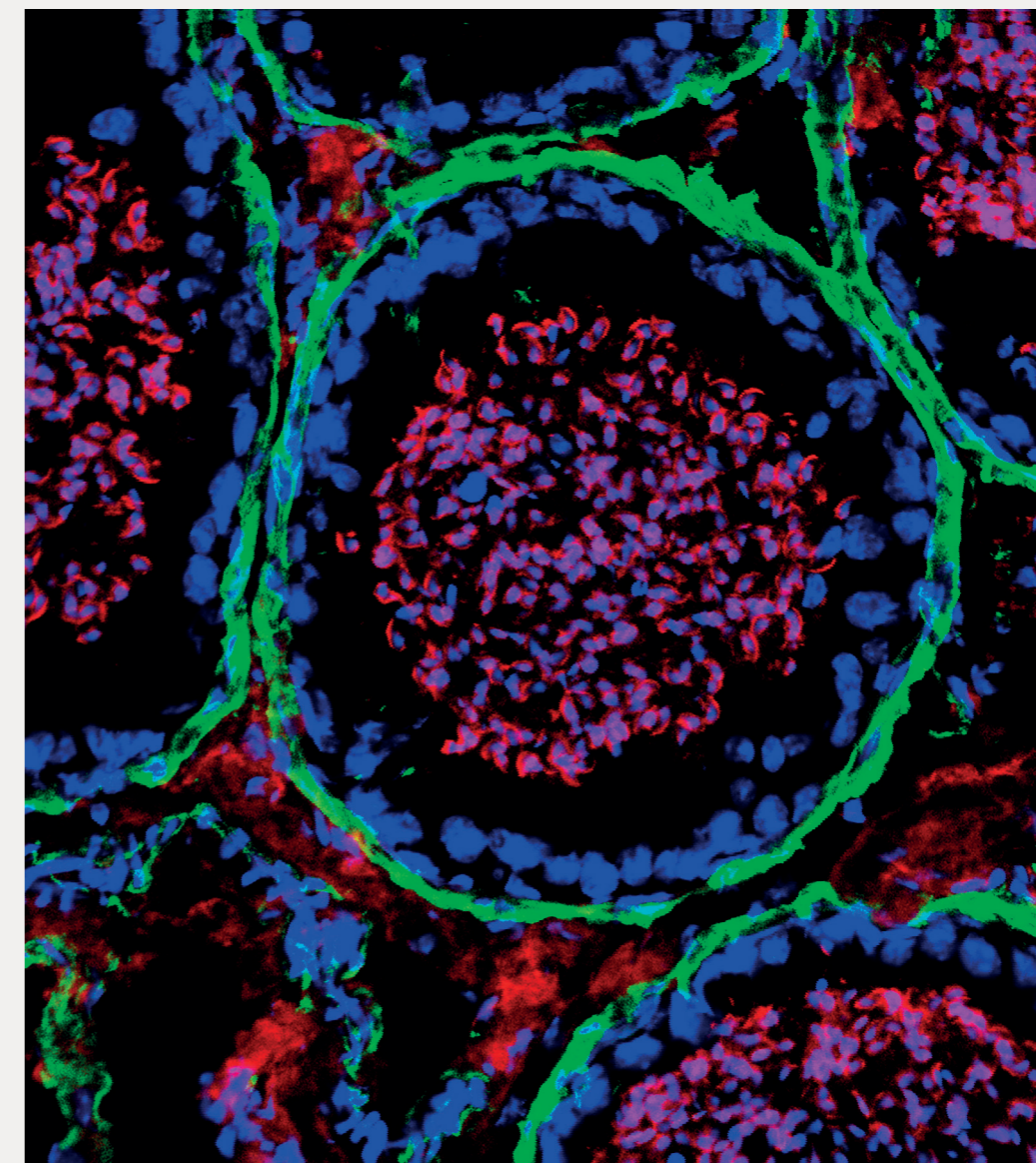


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url: <http://www.iisgm.com/documentacion/memorias/>



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ANNUAL SCIENTIFIC
REPORT

2022



Instituto de Investigación Sanitaria
Gregorio Marañón



We are pleased to introduce the 2022 Scientific Report from the **Institute for Health Research of the Hospital General Universitario Gregorio Marañón (IiSGM)**. Our primary aim is to disseminate the research and innovative initiatives conducted within our institution to various stakeholders and the wider community. Furthermore, we wish to acknowledge the **exceptional dedication exhibited by the researchers** within each Research Group.

The research activity conducted has shown remarkable growth over recent years. Regardless of the results of 2021, which were expected to be artificially increased by the change in the quantification of the Impact Factor, the results of 2022 exceed in 18% compared to those of 2020, resulting in a total of **7,731 impact factor points** in 2022. It is crucial to emphasize the rigorous evaluation process for publications affiliated with IiSGM, underscoring the reliability of this indicator. Additionally, it's worth noting that 45% of publications were led by IiSGM researchers, showcasing a high level of international collaboration in various publications. Furthermore, 45% of our research outputs were published in first decile or first quartile journals.

The **innovation efforts of IiSGM** are also noteworthy, with a diverse portfolio of innovative assets, including three successful spin-offs (Corify Care, Telara Pharma, ThyTech) tailored to the evolving needs of the healthcare system. Approximately 50% of our patents have been licensed to the market, demonstrating considerable potential for future growth and attracting interest from productive and industrial sectors.

This impressive research and innovation activity owes its success to the **exceptional ability of our researchers to secure competitive funding** for projects and human resources. The latter is particularly vital, as it forms the foundation for the renewal of the center's researchers in successive generations. We must highlight the commitment of IiSGM groups to **researcher training**, as evidenced by the substantial number of doctoral theses defended in 2022 and the ambitious Training Plan with up to 13 accredited courses, overseen by the IiSGM Training Commission.

The managing body of IiSGM, the **Foundation for Biomedical Research of the Hospital Gregorio Marañón (FIBHGM)**, continuously strives to enhance internal processes and maintain a commitment to ongoing quality improvement. Notable achievements include receiving the European Excellence Award in human resources management for the **Human Resources Strategy for Researchers (HRS4R)** and being the sole Institute for Health Research **fully certified under the ISO9001:2015 quality standard**.

These accomplishments are the result of the dedicated efforts of all IiSGM professionals, and we extend our heartfelt gratitude to them, especially in the context of the sensitive environment of scientific research within hospital settings. The outstanding outcomes presented in this report are the product of a coordinated collective effort aligned with a strategy focused on improving patient health. Remarkably, one new group joined the IiSGM structure in 2022: Group 7.35, "Translational Dermatology: Research and Innovation", under the leadership of Ana Pulido Pérez and Marta Bergón Sendín, within the Research Area 7 "Systemic Diseases and Organ Transplantation".

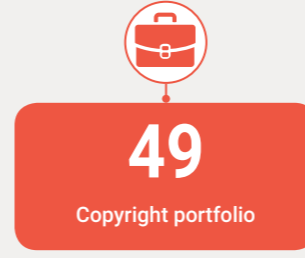
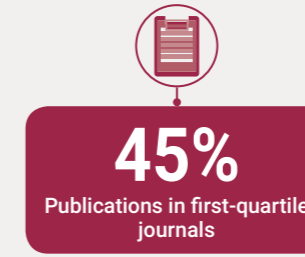
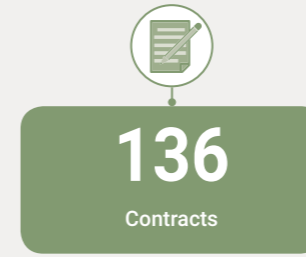
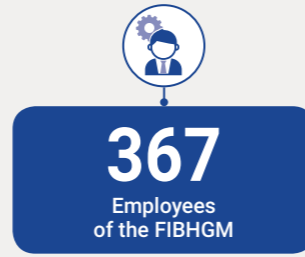
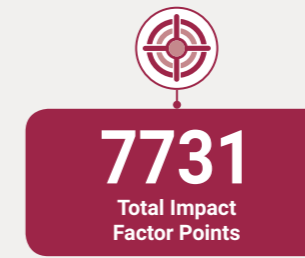
Lastly, we wish to express our gratitude to all **Area Coordinators, Group Leaders, Research Groups, Research Support Services (SAIs), Clinical Services, and particularly our young researchers**, who form the backbone of IiSGM's development and activities.

For another year, the results presented in this report reaffirm that our institution continues to evolve and grow, instilling high expectations for the future and positioning us advantageously to confront the significant challenges ahead while contributing to the foundations of biomedical research: observation, generating questions in clinical practice, and fostering multidisciplinary collaborative research to provide answers.

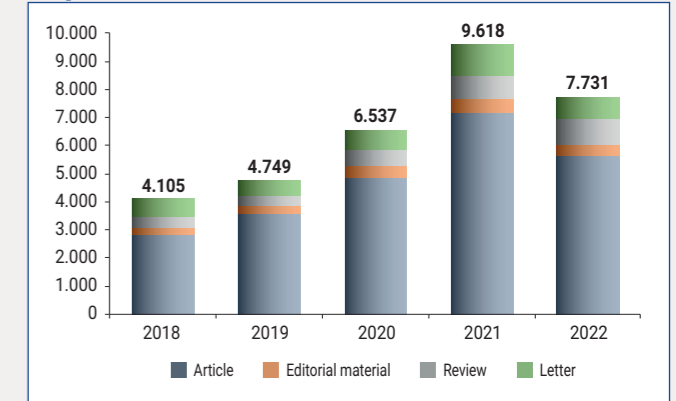
Thank you very much.

Dr. Ismael Buño Borde
Scientific Director
IiSGM

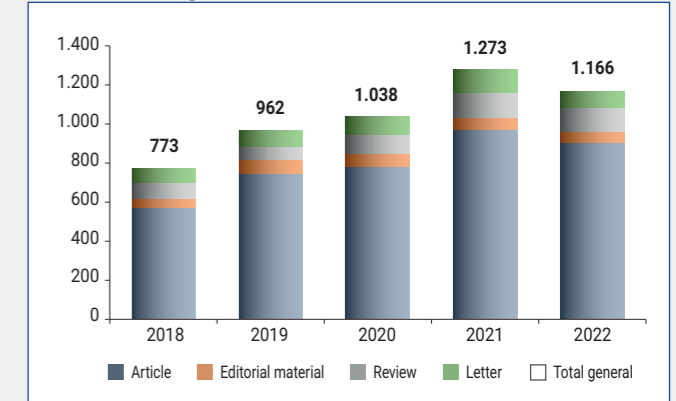
Dra. Sonia García de San José
Managing Director
Hospital General Universitario Gregorio Marañón



Impact factor



Number of publications



Publications by decile and quartile

