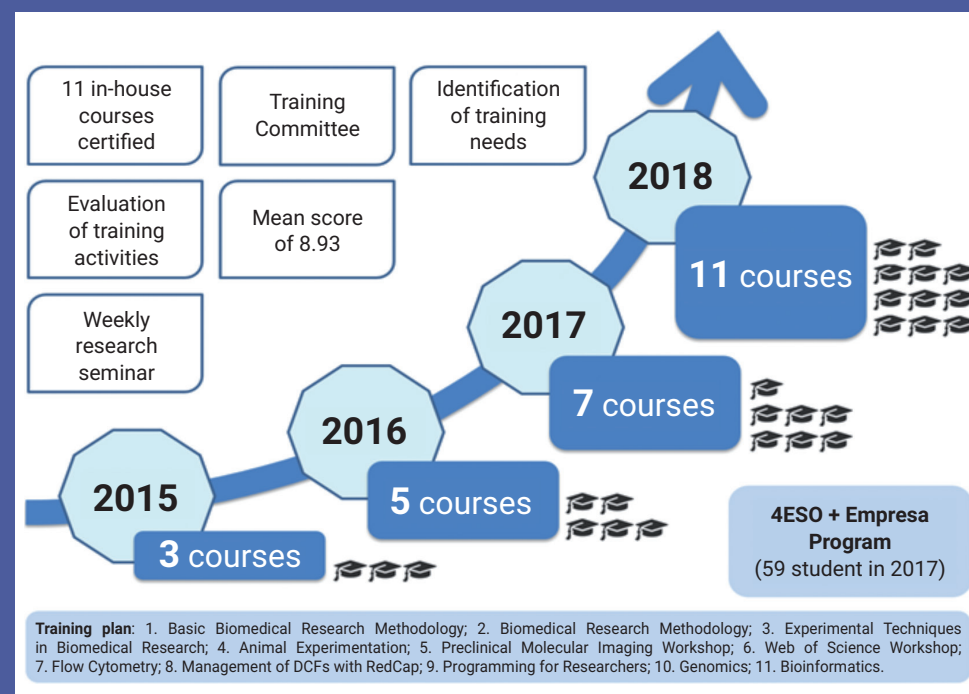


## SCIENTIFIC STRUCTURE

7 RESEARCH AREAS	49 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		3	
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

Annual Scientific Report

# 2017



QR Code: Annual Scientific Report

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



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Instituto de Investigación Sanitaria  
Gregorio Marañón



# Foreword

It is with enormous satisfaction that we present the Scientific Report of the Instituto de Investigación Sanitaria of Hospital General Universitario Gregorio Marañón (IISGM). This year's report is particularly significant, since 2017 was the year our certification was renewed for a further 5 years by Instituto de Salud Carlos III (ISCIII).

The visibility and dissemination of the research activity carried out at IISGM is of key importance not only as a presentation of the reality and innovative and investigative ability of IISGM to other institutions and social agents, but also, above all, as a **full recognition of the huge effort made by the researchers** from all our Research Groups under somewhat complex circumstances. The research carried out by IISGM has borne its fruits, seen through the creation in 2017 of two new research groups – “Pathophysiology in women, pregnancy, labor, and puerperium” and “Physical medicine and rehabilitation”)– which now form part of the scientific structure of IISGM.

Research activity has led to considerable growth (more than 30%) of our scientific output, which, in 2017 almost reached **4000 points in impact factor**, a truly historic milestone. Once again, we would like to highlight the rigor with which publications are adjudicated to IISGM, thus clearly showing the robustness of the indicator. This achievement is enhanced by the number of publications led by researchers from IISGM (more than 50%), the degree of international collaboration in different publications, and the number of articles published in first-decile and first-quartile journals (51%).

It is also important to highlight the commitment of our groups to **training of researchers**, as seen in the high number of doctoral theses prepared and defended during 2017. In this context, the IISGM has undertaken an ambitious Researcher Training Plan coordinated by the IISGM Training Committee.

The **consolidation of the Committee and the Innovation Unit** of IISGM is to note, which currently constitute a dynamic, open, streamlined, and modern structure. The result of this initial activity is that IISGM can now boast of an innovation portfolio adapted to today's reality that has huge potential for growth and is truly attractive for the productive and industrial sectors.

None of the above would have been possible without the ability of our researchers to **compete effectively in competitive calls for funding**. It is worth noting that in 2017, researchers from the IISGM were able to compete successfully in various calls (i.e. 51% success rate in the Projects call within the Strategic Action on Health ISCIII). Of special note, their **ability to obtain human resources contracts** in the different programs lays the foundations for a new generation of researchers at the center.

Through its management body, the Biomedical Research Foundation of Hospital Gregorio Marañón (FIBHGM), IISGM is making every effort to streamline its internal processes for **management and continuous quality improvement**, including meeting the European “Human Resources Strategy For Researchers (HRS4R)” quality standard, which will be an added benefit for the development of our research activity. Similarly, as part of our ongoing commitment to continuous improvement, 2017 saw us take up the challenge of obtaining quality certification for the Institute, which recently culminated in our becoming the **first health research institute integrally certified under ISO9001:2015**.

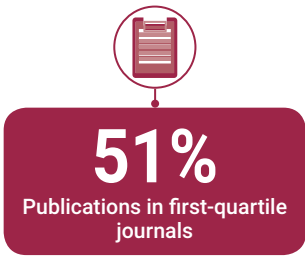
This forum provides a wonderful opportunity to express, once again, the sincerest gratitude to our **researchers** for their efforts in such a sensitive environment as hospital-based research. Only through a common effort that is duly aligned with a strategy based on patient health can we provide the excellent results shown in this report. In this sense, we extend our gratitude to all the **Area Coordinators, Group Leaders, Research Groups, Clinical Services**, and, especially, to the **young researchers** who constitute the basis of the development and activity of the IISGM.

Therefore, we believe that our Institute is moving forward resolutely and generating considerable expectation for future growth. Few institutions bring together so harmoniously in their structure the unique pillars of biomedical research, namely, the questions that arise from clinical practice and our call to answer them through cooperation between the disciplines.

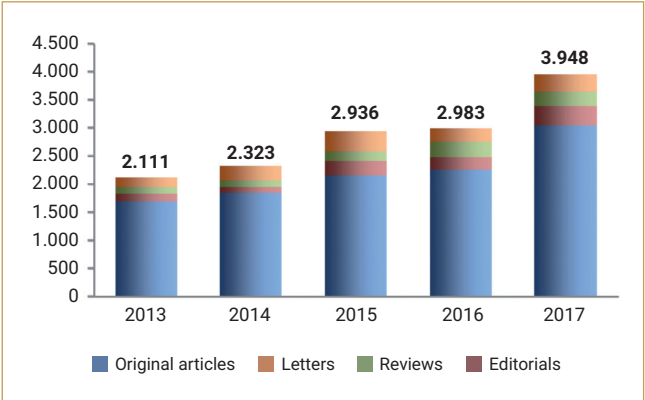
Thank you very much.

**Dr. Ismael Buño Borde**  
Scientific Director  
IISGM

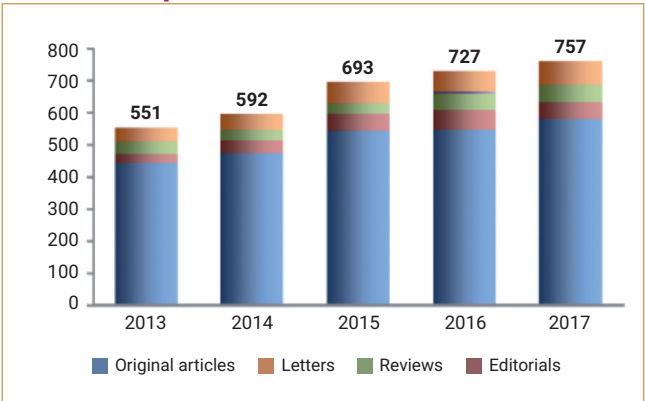
**Dr. Joseba Barroeta Urquiza**  
Managing Director  
Hospital General Universitario Gregorio Marañón



## Impact factor



## Number of publications



## Publications by decile and quartile

