

20

Annual report

Biomédica

Journal of the *Instituto Nacional de Salud*

Volume 37, 2017

17

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Dear readers:

This newsletter presents some of the results achieved by *Biomédica* during 2017. We would be grateful if you let us know your helpful comments on this information.

The following are the regular issues published during the year:

***Biomédica*, volume 37, issue 1**

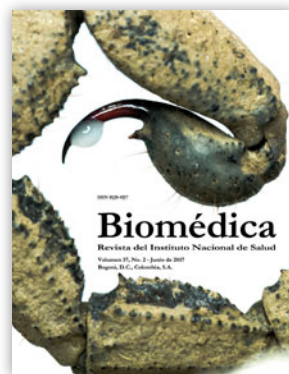
Publication date: March, 2017

Cover: Jorge Martínez Santamaría y Bernardo Samper Sordo, founders of the Samper Martínez Laboratory of Hygiene, January 24, 1917.

Detail from the original paintings, Bernardo Samper Sordo Museum, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia
 Photography and digital edition, David A. Hernández-Mora, Bogotá, D.C., Colombia

Editorial: The *Instituto Nacional de Salud*, an emblematic institution
 José Félix Patiño Restrepo

Available from: <https://www.revistabiomedica.org/index.php/biomedica/issue/view/153>

***Biomédica*, volume 37, issue 2**

Publication date: June, 2017

Cover: Drop of poison from scorpion *Tityus macrochirus*; the poison is secreted by the apocrine glands located in the telson, and it is expelled through the sting in reaction to electrical stimuli.

Laboratorio del Grupo de Investigación en Proteínas (GRIP), *Departamento de Química, Facultad de Ciencias, Universidad Nacional de Colombia*, Bogotá, D.C, Colombia. Photography, digital edition and design: David A. Hernández-Mora, Bogotá, D.C, Colombia

Editorial: Donation and transplantation of anatomical components in Colombia: Seven decades of achievements

Juan Gonzalo López-Casas

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/150>

***Biomédica*, volume 37, issue 3**

Publication date: September, 2017

Cover: *Pediculus humanus capitis*, male adult specimen, 40X
 Optic microscope Nikon Labophot® with a Canon PowerShot SX 150 IS® camera, *Laboratorio de Micología, Hospital Universitario Centro Dermatológico Federico Lleras Acosta*, Bogotá, D.C. Colombia

Editorial: Sexually transmitted infections, a permanent challenge on the rise. Miguel A. Guzmán

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/151>

***Biomédica*, volume 37, issue 4**

Publication date: December, 2017

Cover: Samper-Martínez Laboratory of Hygiene

Photograph published in the Report rendered by Pablo García Medina, Vicepresident of the Colombian Central Board of Hygiene, 1919. Publishing House: Arboleda y Valencia, 1919
 Courtesy of Carlos Fernando Dáguer, adviser, Ministry of Health and Social Protection

Editorial: One hundredth anniversary of the *Instituto Nacional de Salud*, perspectives for the coming years

Martha Lucía Ospina Martínez

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/154>

Thematic supplements 2017



***Biomédica*, volume 37, supplement 1, Nervous system disorders**

Publication date: April, 2017

Cover: Alignment of the molecular structure of the first 200 amino acids of proteins E, from Zika virus, and E1, from rubella virus, obtained by using the Partial Order Structure Alignment (POSA) software (<http://posa.godziklab.org>). The similarity between these two fusion proteins suggests a possible explanation for the neurotropism and the nervous system alterations induced by Zika virus. Luis Alberto Gómez, *Grupo de Fisiología Molecular, Subdirección de Investigación Científica y Tecnológica, Dirección de Investigación en Salud Pública, Instituto Nacional de Salud y Departamento de Ciencias Fisiológicas, Facultad de Medicina, Universidad Nacional de Colombia*. Bogotá, D.C., Colombia Gladis Montoya, *Grupo de Fisiología Molecular, Subdirección de Investigación Científica y Tecnológica, Dirección de Investigación en Salud Pública, Instituto Nacional de Salud*, Bogotá, D.C., Colombia

Editorial: Tropical neuropathies, a burden of underdevelopment and a challenge in a global world
Rodrigo Pardo-Turriago

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/152>



***Biomédica*, volume 37, supplement 2, Medical entomology**

Publication date: October, 2017

Cover: *Culex quinquefasciatus*, female adults on a garden plant in Bogotá, D.C., Colombia. Camera Nikon D7000, macro lens of 105 mm
Raúl Pardo, *Grupo de Entomología, Dirección de Investigación en Salud Pública, Instituto Nacional de Salud*, Bogotá, D.C., Colombia

Editorial: Integrated management of environmental risks and vector control: A new proposal for sustainable prevention
Julio César Padilla, Raúl Pardo, Jorge Alberto Molina

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/156>

Scientific event supplement



***Biomédica*, volume 37, supplement 3, Proceedings of the XVth Scientific Meeting of the Instituto Nacional de Salud**

Publication date: November, 2017

Cover: Promotional poster of the XVth Scientific Meeting, *Instituto Nacional de Salud*
Johanna Morales, *Biomédica, Instituto Nacional de Salud*, Bogotá, D.C., Colombia

Presentation: XVth Scientific Meeting
Jorge Martín Rodríguez Hernández

Available from: <http://www.revistabiomedica.org/index.php/biomedica/issue/view/160>

Some data

• Information on manuscripts published in 2017 by categories

During 2017, *Biomédica* published four regular issues in March, June, September and December, and two thematic supplements in April and October. A total 106 manuscripts were published in the following categories:

Volume, issue, month	Format	Published manuscripts
<i>Biomédica</i> Vol. 37, No. 1, March, 2017	Electronic and printed	Editorial: 1 Case presentation: 1 Original articles: 14 Technical note: 1 Total: 17 manuscripts
<i>Biomédica</i> Vol. 37, No. 2, June, 2017	Electronic and printed	Editorial : 1 Make your own diagnosis: 1 Case presentations: 2 Original articles: 10 Short communications: 2 Topic review: 1 Total: 17 manuscripts
<i>Biomédica</i> Vol. 37, No. 3, September, 2017	Electronic and printed	Editorial: 1 Images in biomedicine: 1 Case presentation: 1 Original articles: 13 Short communication: 1 Total: 17 manuscripts
<i>Biomédica</i> Vol. 37, No. 4, December, 2017	Electronic and printed	Editorial: 1 Case presentation: 1 Original articles: 11 Technical notes: 2 Update: 1 Topic review: 1 Total: 17 manuscripts
<i>Biomédica</i> Vol. 37, Suppl. 1, Nervous system disorders, April, 2017	Electronic and printed	Editorial: 1 Images in biomedicine: 1 Case presentations: 3 Original articles: 10 Short communication: 1 Total: 16 manuscripts
<i>Biomédica</i> Vol. 37, Suppl. 2, Medical entomology, October, 2017	Electronic and printed	Editorial: 1 Original articles: 15 Short communications: 5 Topic review: 1 Total: 22 manuscripts

• Manuscripts published in advance until December 18, 2017

Volume, issue, month	Format	Published manuscripts	Link
<i>Biomédica</i> Vol. 38, No. 1, March, 2018	Electronic	Case presentations: 4 Original articles: 11 Technical note: 1 Total: 16 manuscripts	https://www.revistabiomedica.org/index.php/biomedica/issue/view/155
<i>Biomédica</i> Vol. 38, Suppl. 1, Chronic diseases, 2018	Electronic	Images in biomedicine: 1 Case presentations: 2 Original articles: 12 Short communication: 1 Total: 16 manuscripts	https://www.revistabiomedica.org/index.php/biomedica/issue/view/158
<i>Biomédica</i> Vol. 38, No. 2, June, 2018	Electronic	Case presentations: 2 Essay: 1 Original articles: 11 Short communications: 2 Total: 16 manuscripts	https://www.revistabiomedica.org/index.php/biomedica/issue/view/157
<i>Biomédica</i> Vol. 38, No. 3, September, 2018	Electronic	Case presentation: 1 Original articles: 3 Total: 4 manuscripts	https://www.revistabiomedica.org/index.php/biomedica/issue/view/159

• Manuscripts received during 2017 by categories and institutions

Table 1. Manuscripts by categories

Categories	2017*	
	n	%
Original article	169	76,9
Short communication	8	3,6
Technical note	2	0,9
Topic review	2	0,9
History	2	0,9
Essay	4	1,8
Commentary	-	-
Images in biomedicine and Make your own diagnosis	2	0,9
Case presentations	31	14,1
Total	220	100

* Cut-off date: December 18, 2017

Table 2. Manuscripts by author's institutional affiliation

Institutions	2017*	
	n	%
Only <i>Instituto Nacional de Salud</i> (INS)	5	2,3
INS together with national institutions	14	6,4
INS together with national and international institutions	1	0,5
Only national institutions	142	64,5
Only international institutions	49	22,2
National and international institutions	9	4,1
Total	220	100

* Cut-off date: December 18, 2017

• Manuscripts received during 2017 according to their stage in the editorial process

Stage in the editorial process	2017*	
	n	%
Accepted	15	6,8
Rejected	86	39,1
Still in evaluation	119	54,1
Total	220	100

* Cut-off date: December 18, 2017

Highlights

- According to the Journal Citation Reports for 2016, published on June 14, 2017, *Biomédica*'s impact factor increased from 0,587 to 0,727, and during the last five years it passed from 0,777 to 0,849. *Biomédica* is one of the 19 journals from around the world included by the Journal Citation Reports/Web of Science in the category of Tropical Medicine, and it is the only one published in Spanish. An increase in the impact factor in this index represents an outstanding achievement given that we are competing with other international journals published in English and addressed mainly to English-speaking readers. The constant increase in citations from *Biomédica*'s scientific articles during the period (2007-2017) accounts for such achievement.
- According to Google Analytics, from January 1 to December 18, 2017, *Biomédica*'s Web site (www.revistabiomedica.org) received 398,986 visits from 168 countries, 79% of which corresponded to new users and 21% to frequent users; 71,65% of users consulted the Web site using computers while 26,1% used cell phones, and 2,3%, tablets.

- Biteca Ltda., the company responsible for developing the mobile app for *Biomédica*, updated the tool on August 25, 2017. Besides the functions that were already programmed, the new version (2.0.6) offers more friendly graphic display and user interface, which allow users to download PDF complete texts to their devices and select them as favorites in a separate list for an easier and quicker consultation. In the upper part of each article there is an icon to share its contents through social networks, text messages, Bluetooth and email.
- During 2017, *Biomédica* registered 2,466 followers in Facebook, i.e., 627 more than during the same period in 2016, while followers through Twitter amounted to 992, i.e., 253 more than a year ago. The participation of the virtual community through both social networks also increased: in Facebook our contents were shared 226 times and there were 3,114 clics in links, 881 likes, 37 comments and 12 messages on the wall; in Twitter, tweets were shared 822 times and there were 988 clics in links, 853 likes, 123 mentions by users and 20 replies to tweets. These figures show the interest of the scientific community and the general public in accessing *Biomédica*'s contents in a quick and easy way through social networks.
- In a study published on November 3, 2017, by Sapiens Research Group, *Biomédica*, journal of the *Instituto Nacional de Salud*, occupied the second place among the best Colombian journals from different disciplines according to its international visibility, and it was classified in the highest category (D01) in the 1 to 10 scale of the Rev-Sapiens ranking. The other Colombian journals classified in this same category were the *Revista Latinoamericana de Psicología* of the *Fundación Universitaria Konrad Lorenz*, *Colombia Médica* of the *Universidad del Valle*, *Caldasía*, the *Revista de Salud Pública* of the *Universidad Nacional de Colombia*, and *Universitas Psychologica* of the *Pontificia Universidad Javeriana*.
- *Biomédica* was selected to participate in the *Grupo de Influencia de la Red Iberoamericana de Innovación y Conocimiento Científico*, REDIB, a project to promote innovation and scientific knowledge fostered by the Spanish *Consejo de Investigaciones Científicas* and *Universia*, a network that groups 1,341 of the most important universities from 23 countries in Ibero-America, with more than 19.2 million students and teachers. REDIB is an aggregation platform for scientific contents in electronic format aimed at promoting innovative technological tools in the field of editorial production and at facilitating access to and dissemination of the scientific production from these countries in their own languages. The target users of this information are the academic community and the general public, as well as decision makers, managers and analysts of science policies.
- From 1981 to 2006, *Biomédica* was published solely in print; from 2007 to December 2017 it was published both in print and in digital format, and beginning 2018 it will be published only in digital format. This decision has been taken to adjust the journal to present tendencies in the field of scientific publications worldwide, where today electronic journals prevail over those in print. We hope this change will allow us to continue strengthening our journal, and maintain the place it has conquered as one of the main open access Colombian scientific publications.
- Finally, we wish to express our gratefulness to all our editors, to the scientific community and to the national and international reviewers for their contribution to our purpose of continued growth in support of national and regional scientific production.



Biomédica's editorial board and
administrative team wish its readers
and all its contributors

*Merry Christmas
and Happy New Year*

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