

Annual report

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# Biomédica

Journal of the *Instituto Nacional de Salud*

Volume 36, 2016

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Dear readers:

This newsletter presents some of the results achieved by *Biomédica* during 2016. We would be grateful if you let us know your always helpful comments on this information.

The following are the regular issues published during the year:



***Biomédica*, volume 36, issue 1**

**Publication date:** March, 2016

**Cover:** *Treponema pallidum*, causative agent of syphilis. Reproduced by permission of SciencePicture.Co <http://www.sciencepicture.co/>

**Editorial:** Zika, a defeat in the struggle against *Aedes aegypti* Jaime E. Castellanos, Group of Virology, El Bosque University, Bogotá, D.C., Colombia

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/140>



***Biomédica*, volume 36, issue 2**

**Publication date:** June, 2016

**Cover:** Antigens of influenza virus A H1N1/v09 in infected lung tissue cells. Immunohistochemistry by alkaline phosphatase system, photomicroscope Axiphot, Carl Zeiss, 1000X

Jorge Alonso Rivera, Group of Cellular Morphology, Department of Public Health Research, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia

**Editorial:** *Aedes aegypti* in rural areas: Public health implications Víctor Alberto Olano, Emeritus Researcher, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/141>



***Biomédica*, volume 36, issue 3**

**Publication date:** September, 2016

**Cover:** Seta located in the femur of the middle leg of a *Belminus ferroae* male specimen. Scanning Electron Microscope Hitachi S-2500 a 20 kV

Elis José Aldana and Francys Avendaño-Rangel, Faculty of Sciences, Los Andes University, Mérida, República Bolivariana de Venezuela Claudia Magaly Sandoval, *Instituto Venezolano de Investigaciones Científicas*, Mérida, República Bolivariana de Venezuela

**Editorial:** Suicide in children and adolescents

Rodrigo Nel Córdoba, Psychiatrist; President of the Latin American Psychiatric Association (APAL)

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/146>



***Biomédica*, volume 36, issue 4**

**Publication date:** December, 2016

**Cover:** *Taenia solium* cysticercus recovered from an infected pig and induced to in vitro eversion in the presence of bile after two-hour incubation at 37 °C

Scanning Electron Microscopy

Javier R. Ambrosio and Armando Zepeda-Rodríguez, *Universidad Nacional Autónoma de México*, Ciudad de México, México

**Editorial:** Intestinal parasitism and its association with environmental sanitation and social conditions in Latin America and the Caribbean Santiago Nicholls, Emeritus Researcher, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/148>

## Thematic supplements 2016



### ***Biomédica*, volume 36, supplement 1, Medical microbiology**

**Publication date:** April, 2016

**Cover:**

*Fasciola hepatica*, adult specimen extracted from a bovid liver and stained with hematoxylin and eosin, 2,5X

Specimen, Julio César Giraldo, Group of Parasitology and Tropical Microbioloy, Biology Program, INCCA University of Colombia, Bogotá, D.C., Colombia

Photograph by Gerardo Santamaría and Jeison Monroy, Group of Cellular Morphology, Sub-department of Research, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia

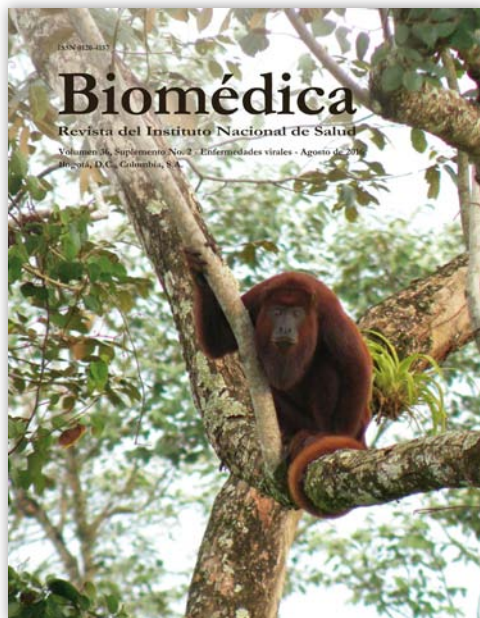
**Editorial:**

Medical microbiology: The backbone of infectology

Miguel Guzmán, Associate Editor, *Biomédica*,

Emeritus Researcher, *Instituto Nacional de Salud*

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/147>



### ***Biomédica*, volume 36, supplement 2, Viral diseases**

**Publication date:** August, 2016

**Cover:**

Adult male specimen of *Alouatta seniculus*, Cimitarra, Santander, 2009

This is one of the most widely distributed species of nonhuman primates in Colombia, which may play an important role as host and sentinel of yellow fever virus.

Diego Soler-Tovar

Group of Epidemiology and Public Health, Faculty of Agricultural Sciences, La Salle University, Bogotá, D. C., Colombia

**Editorial:**

Virology, more necessary than ever

Jaime E. Castellanos, Group of Virology, El Bosque University, Bogotá, D.C., Colombia

**Available at:** <http://www.revistabiomedica.org/index.php/biomedica/issue/view/145>

## Some data

### ■ Information on manuscripts published in 2016 by categories

During 2016, *Biomédica* published four regular issues in March, June, September and December, and two thematic supplements in April and August. A total of 107 manuscripts were published in the following categories:

Volume, issue, month	Format	Published manuscripts
<i>Biomédica</i> Vol. 36 No. 1, March, 2016	Electronic and printed	1 editorial 2 case presentations 13 original articles 1 short communications <b>Total: 17 manuscripts</b>
<i>Biomédica</i> Vol. 36 No. 2, June, 2016	Electronic and printed	1 editorial 1 image in biomedicine 2 case presentations 1 essay 10 original articles 2 short communications 1 topic review <b>Total: 18 manuscripts</b>
<i>Biomédica</i> Vol. 36 No. 3, September, 2016	Electronic and printed	1 editorial 10 original articles 3 short communications 2 topic reviews 1 technical note <b>Total: 17 manuscripts</b>
<i>Biomédica</i> Vol. 36 No. 4, December, 2016	Electronic and printed	1 editorial 2 case presentations 13 original articles 1 topic review <b>Total: 17 manuscripts</b>
<i>Biomédica</i> Vol. 36 Suppl. 1, Medical microbiology, April, 2016	Electronic and printed	1 editorial 4 case presentations 11 original articles <b>Total: 16 manuscripts</b>
<i>Biomédica</i> Vol. 36 Suppl. 2, Viral diseases, August, 2016	Electronic and printed	1 editorial 1 case presentation 20 original articles <b>Total: 22 manuscripts</b>

## ■ Manuscripts published in advance until December 14, 2016

Volume, issue, month	Format	Categories	Link
<i>Biomédica</i> Vol. 37, No. 1, March, 2017	Web site	1 case presentation 14 original articles 1 technical note <b>Total: 16 manuscripts</b>	<a href="http://www.revistabiomedica.org/index.php/biomedica/issue/view/153">http://www.revistabiomedica.org/index.php/biomedica/issue/view/153</a>
<i>Biomédica</i> Vol. 37, Supl. 1, Nervous system disorders, 2017	Web site	3 case presentations 9 original articles <b>Total: 12 manuscripts</b>	<a href="http://www.revistabiomedica.org/index.php/biomedica/issue/view/152">http://www.revistabiomedica.org/index.php/biomedica/issue/view/152</a>
<i>Biomédica</i> Vol. 37, No. 2, June, 2017	Web site	1 make your own diagnosis 2 case presentations 10 original articles 2 short communications 1 topic review <b>Total: 16 manuscripts</b>	<a href="http://www.revistabiomedica.org/index.php/biomedica/issue/view/150">http://www.revistabiomedica.org/index.php/biomedica/issue/view/150</a>
<i>Biomédica</i> Vol. 37, No. 3, September, 2017	Web site	1 image in biomedicine 1 case presentation 13 original articles 1 short communication <b>Total: 16 manuscripts</b>	<a href="http://www.revistabiomedica.org/index.php/biomedica/issue/view/151">http://www.revistabiomedica.org/index.php/biomedica/issue/view/151</a>
<i>Biomédica</i> Vol. 37, No. 4, December, 2017	Web site	2 original articles	<a href="http://www.revistabiomedica.org/index.php/biomedica/issue/view/154">http://www.revistabiomedica.org/index.php/biomedica/issue/view/154</a>

## ■ Comparison by categories and institutions of manuscripts received during 2015 and 2016

Table 1. Manuscripts by categories

Categories	2015		2016*	
	n	%	n	%
Original article	199	75.4	196	72.6
Short communication	15	5.7	18	6.6
Technical note	2	0.6	4	1.5
Topic review	6	2.7	6	2.2
History	-	-	1	0.4
Essay	4	1.5	4	1.5
Update	1	0.3	-	-
Comment	1	0.3	1	0.4
Images in biomedicine and Make your own diagnosis	2	0.6	6	2.2
Case presentation	34	12.9	34	12.6
Total	264	100	270	100

\* Cutoff date: December 14, 2016

**Table 2.** Manuscripts by authors' institutional affiliation

Institutions	2015		2016*	
	n	%	n	%
Only the <i>Instituto Nacional de Salud</i> (INS)	9	3.4	6	2.2
INS together with national institutions	11	4.2	7	2.6
INS together with international institutions	1	0.3	2	0.8
INS together with national and international institutions	1	0.3	2	0.8
Only national institutions	174	66	142	52.6
Only international institutions	51	19.3	59	21.8
National and international institutions	17	6.5	52	19.2
Total	264	100	270	100

\* Cutoff date: December 14, 2016

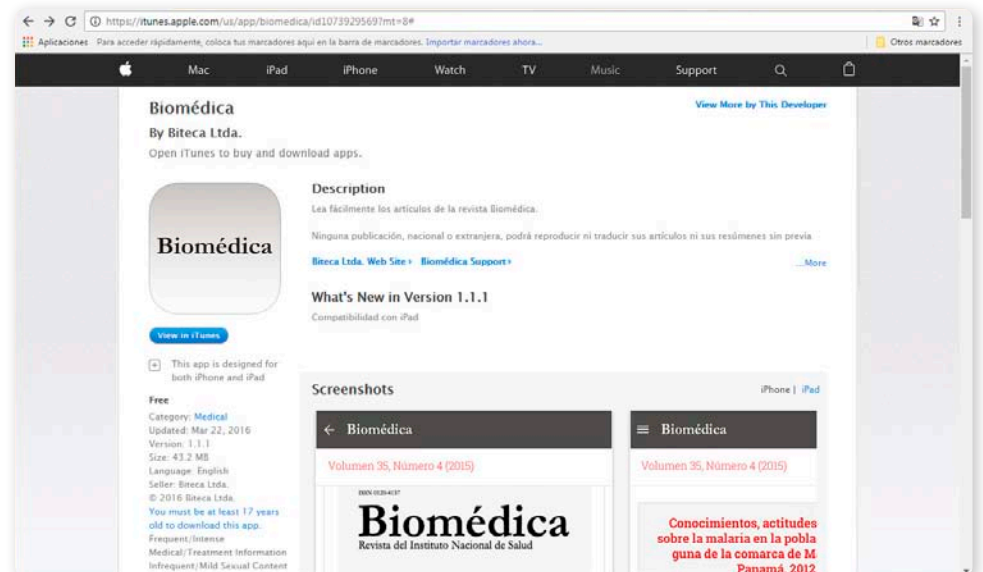
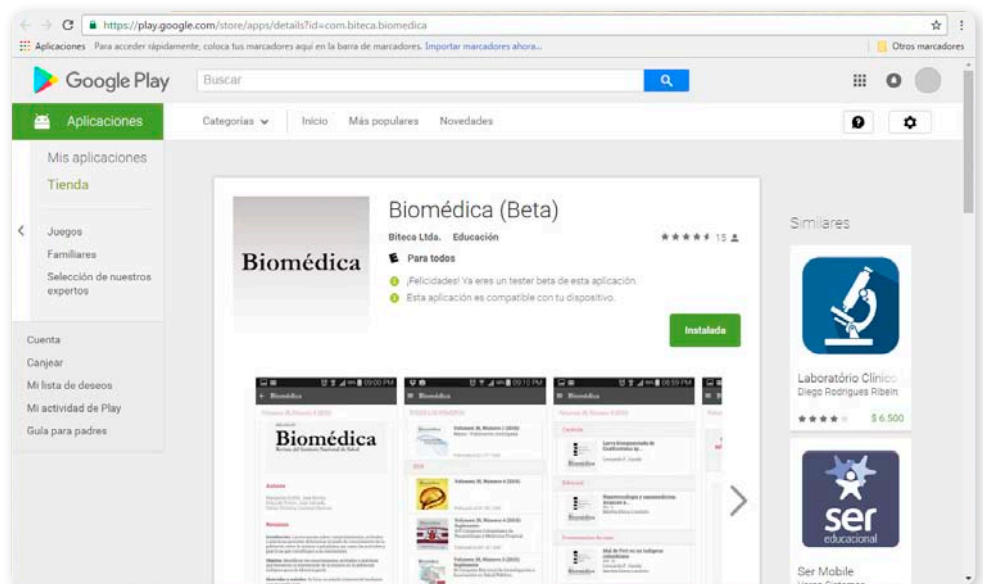
## ■ Comparison of manuscripts received during 2014, 2015 y 2016 according to their stage in the editorial process

Stage in editorial process	2014		2015		2016*	
	n	%	n	%	n	%
Accepted	96	50,5	114	43,2	45	16,7
Rejected	94	49,5	150	56,8	89	33
Still in evaluation	-	-	-	-	136	50,3
Total	190	100	264	100	270	100

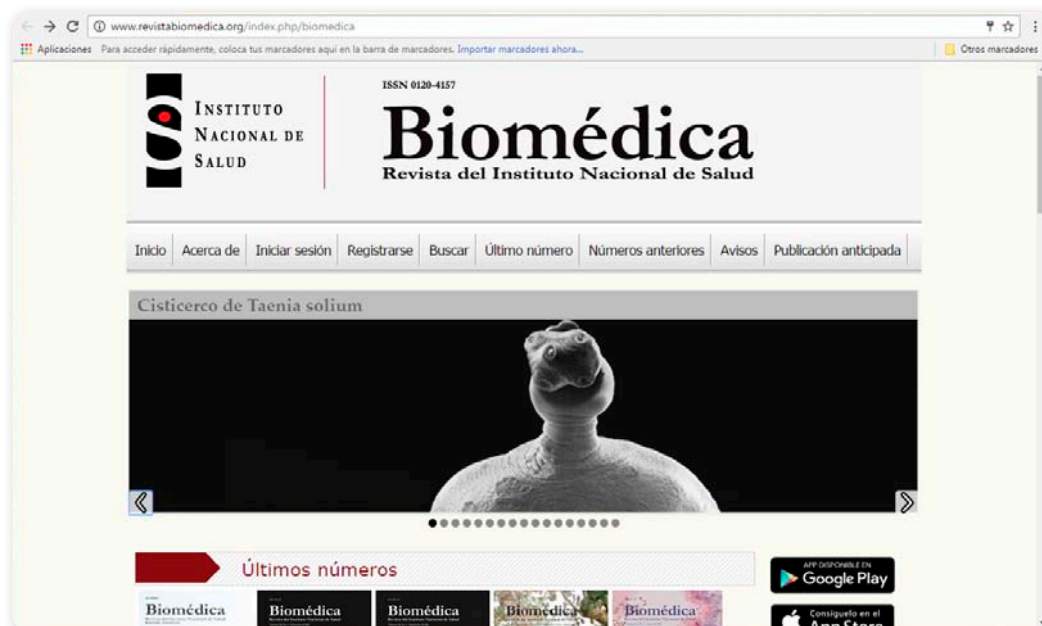
\* Cutoff date: December 14, 2016

# Highlights

- According to the Journal Citation Reports for 2015 published in 2016, *Biomédica*'s impact factor increased from 0,549 to 0,587, and it was 0,777 during the last five years. *Biomédica* is one of the 19 journals from around the world included by the Journal Citation Reports in the category of Tropical Medicine, and it is the only one published in Spanish. Only five Latin American journals are included in this list: four from Brasil and *Biomédica* from Colombia.
  - Now it is easier and quicker to Access *Biomédica*'s contents by downloading for free the application available at Google Play Store for mobile devices operating with Android and at App Store for those operating with iOS.
- From April 4, 2016, to date, *Biomédica*'s app has been downloaded 1,000 times at Google Play (Android) and 196 times at App Store (iOS).
- According to *Google Analytics*, from January 1 to December 18, 2016, the journal's Web site ([www.revistabiomedica.org](http://www.revistabiomedica.org)) had 252,864 visits from 167 countries, 79% of which were new visitors while the other 21% were frequent visitors.



- In 2016 we call researchers to contribute with articles to the publication of a thematic supplement on medical entomology whose editorial process is presently in progress. Doctor Raúl Pardo from the *Instituto Nacional de Salud* was appointed as editor in charge and doctor Jorge Molina from Los Andes University is the Guest Editor for this special issue. The supplement is to be published during the second semester of 2017.



- During 2016, 1,830 followers registered in our Facebook fan page (792 more than during the same period in 2015). Our Twitter account had 739 followers (291 more than during the same period last year). The participation of the virtual community in both social networks increased: in Facebook, our contents were shared 136 times and there were 3,387 clicks on article links, 722 likes, 20 comments and seven messages posted on our wall; in Twitter, tweets were shared 543 times and there were 507 clicks on links, 340 likes, 54 mentions by other users and 12 replies to publications. These data reflect the interest of the scientific community and the general public in the journal's contents and their expectations to have quick and easy access to this type of information using social networks.
- As a result of our digital marketing strategy, in 2016 various journalists from nationwide Colombian newspapers such as *El Espectador* and *El Colombiano* cited articles published in *Biomédica* referring to it as the most important journal on health topics in the country. The newspaper articles were the following: [Las enfermedades tropicales suben a las montañas](#), [Treinta años sin conocer los efectos del níquel en la salud](#), [Mosquito del dengue supera la barrera de los 2.300 metros](#), [Crece número de efectos adversos a medicamentos](#), [Medicamentos. 15 mil errores en nueve años](#), and [Facebook y los dilemas éticos de los médicos](#). All these journalistic reports used *Biomédica* as a reliable and authorised information source.
- In June, 2016, the Web site of the *Instituto Nacional de Investigación en Salud Pública* "Doctor Leopoldo Izquieta Pérez" from Ecuador published an invitation to its researchers urging them to publish the results of their studies in *Biomédica*.
- On November 3, 2016, researchers Lina Marcela Suárez Tamayo from the *Universidad Nacional Autónoma de México* and Francisco Collazo Reyes from the *Instituto Politécnico Nacional de México* presented the results of their study on "Citation patterns and geographical locations of literature published in *Biomédica*, 2007-2015" during the International Congress on Information, 2016, held in La Habana, Cuba. The correlations between citations origin and geographical locations evidenced *Biomédica*'s contribution to the dissemination of strategic knowledge for the debate on scientific topics and the development of public health policies in the region.



We 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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