

20

Annual report

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# Biomédica

Revista del Instituto Nacional de Salud

Volume 39, 2019

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19

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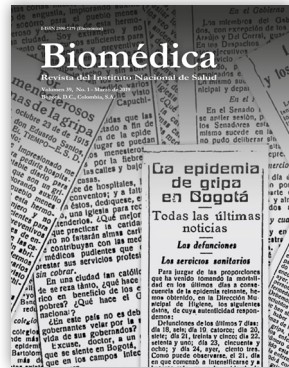
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Dear readers:

As it is already traditional, we are delivering our bulletin reporting on some of the results achieved by *Biomédica* during 2019. 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.

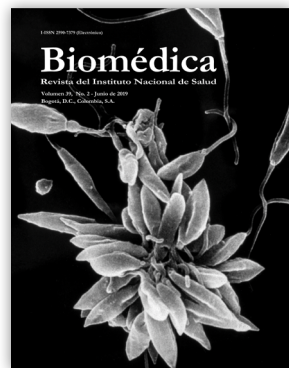
***Biomédica*, volume 39, issue 1**

**Publication date:** March 2019

**Cover:** Reports of the Spanish flu in local newspapers of the time. Taken from: Dáguer C. Vigilantes de la salud, un siglo de historia del Instituto Nacional de Salud. Bogotá: Instituto Nacional de Salud; 2018. p. 20.

**Editorial:** Influenza: Advances and challenges one hundred years after the pandemics. José Moreno-Montoya, Fernando De La Hoz

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/163>

***Biomédica*, volume 39, issue 2**

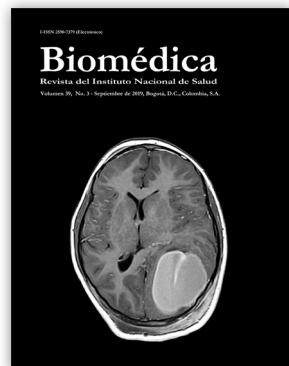
**Publication date:** June 2019

**Cover:** Promastigotes of *Leishmania* spp. Scanning electron microscopy, Hitachi S-570, resolution 30Å Kodak VP-120 film, ISO 125. José B. Yung, Laboratorio de Investigación Clínica, Departamento de Ciencias Biológicas, Universidad de los Andes, Bogotá, D.C., Colombia.

Photo editing: David A. Hernández-Mora, Bogotá, D.C., Colombia

**Editorial:** Present situation and perspectives in the treatment of tegumentary leishmaniases in America. Jaime Soto

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/165>

***Biomédica*, volume 39, issue 3**

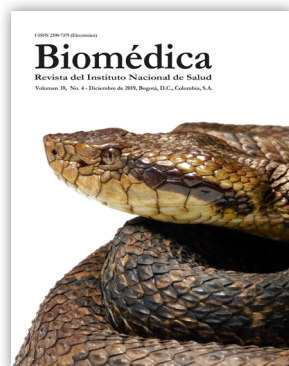
**Publication date:** September 2019

**Cover:** Cerebral metastasis of cardiac angiosarcoma, MRI of the brain after craniotomy, axial cuts. T1 sequence with gadolinium in which the lesions with cystic wall uptake are observed. Philips 3 Resonator, Tesla Ingenia™

Blair Ortiz, Grupo de Neurología Infantil, Universidad de Antioquia, Hospital San Vicente Fundación, Medellín, Colombia.

**Editorial:** Multi-drug resistant tuberculosis control: a reachable objective. Jaime Robledo

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/166>

***Biomédica*, volume 39, issue 4**

**Publication date:** December 2019

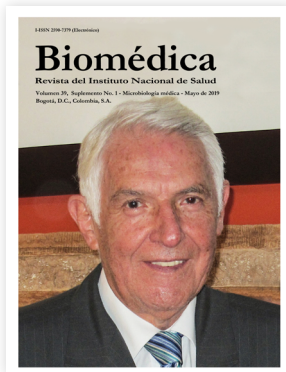
**Cover:** *Bothrocophias microphthalmus*, female. Garagoa, departament of Boyacá. Photo: Juan Pablo Hurtado, Hacienda Galindo y Serpentario, Dirección de Producción, Instituto Nacional de Salud, Bogotá D.C., Colombia

Digital retouching: David A. Hernández Mora Canon G15TM

**Editorial:** Microbiome, health and illness: Probiotics, prebiotics and synbiotics. Arley Gómez-López

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/167>

## Thematic supplements 2019



### ***Biomédica*, volume 39, supplement 1, Medical microbiology**

**Publication date:** May 2019

**Cover:** Miguel Antonio Guzmán Urrego, 1933-2019, founder of *Biomédica* and member of its Editorial Board, Instituto Nacional de Salud, Bogotá, D.C., Colombia

**Editorial:** Significant changes in the management and control of HIV/AIDS

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/164>



### ***Biomédica*, volume 39, supplement 2, Communicable diseases in the tropics**

**Publication date:** August 2019

**Cover:** Gigantocitary lepromatous leprosy. Patient treated with polychemotherapy for lepromatous leprosy during 32 months. An irregular epidermis is observed that covers the dermis, which is full of giant multinucleated cells with huge vacuoles, full of lipids and bacillary remains. Hematoxylin and eosin, 1X. Axiphot™ photomicroscope, Carl Zeiss. Gerzaín Rodríguez-Toro, Emeritus researcher, Instituto Nacional de Salud, Bogotá, D.C., Colombia.

**Editorial:** Rise, fall and resurgence of infectious diseases. John M. González

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/168>

## Supplements of scientific events



### ***Biomédica*, volume 39, supplement 3, Memoirs of the Instituto Nacional de Salud XVI Scientific Meeting**

**Publication date:** November 2019  
**Cover:** XVI Scientific Meeting, November 25 - 30, 2019.

Promotional image: Catalina María Cruz. Instituto Nacional de Salud, Bogotá, D.C., Colombia

**Presentation:** XVI Scientific Meeting: From tropical medicine to modern medicine. Yamileth Ortiz

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/171>



### ***Biomédica*, volume 39, supplement 4, Memoirs of the XVII Colombian Congress of Parasitology and Tropical Medicine**

**Publication date:** December 2019  
**Cover:** XVII Colombian Congress of Parasitology and Tropical Medicine, December 4 - 6, 2019.

Promotional image, Asociación Colombiana de Parasitología y Medicina Tropical.

**Presentation:** The XVII Colombian Congress of Parasitology and Tropical Medicine. Clara Beatriz Ocampo

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/172>

## Some data

### • Manuscripts published in 2019 by categories

During 2019 *Biomédica* published its four regular issues on the stipulated dates: March, June, September, and December, two thematic supplements in May and August, and two supplements with congress summaries in November and December.

In the regular issues and thematic supplements the following manuscripts were published in the different categories:

Volume, issue, month	Format	Published manuscripts
<i>Biomédica</i> Vol. 39 No. 1, March 2019	Electronic	Editorial: 1 Historical review: 1 Comment: 1 Case presentation: 1 Original articles: 13 Brief communication: 1 Topic review: 1 Letters to the editor: 3 <b>Total: 22 manuscripts</b>
<i>Biomédica</i> Vol. 39 No. 2, June 2019	Electronic	Editorial : 1 Case presentations: 2 Original articles: 11 Brief communications: 2 Technical note: 1 <b>Total: 17 manuscripts</b>
<i>Biomédica</i> Vol. 39 No. 3, September 2019	Electronic	Editorial: 1 Essay: 1 Case presentation: 2 Original articles: 10 Brief communications: 3 Topic review: 1 Letters to the editor: 1 <b>Total: 19 manuscripts</b>
<i>Biomédica</i> Vol. 39 No. 4, December 2019	Electronic	Editorial: 1 Case presentation: 2 Original articles: 12 Brief communication: 1 Topic review: 1 Letters to the editor: 2 In memoriam: 1 <b>Total: 20 manuscripts</b>
<i>Biomédica</i> Vol. 39 Suppl. 1, Medical microbiology, May 2019	Electronic	Editorial: 1 Historical review: 1 Case presentation: 1 Original articles: 12 Brief communication: 1 Topic review: 1 In memoriam: 1 <b>Total: 18 manuscripts</b>
<i>Biomédica</i> Vol. 39 Suppl. 2, Communicable diseases in the tropics, August 2019	Electronic	Editorial: 1 Images in biomedicine: 1 Case presentations: 3 Original articles: 11 Brief communication: 1 <b>Total: 17 manuscripts</b>

The congress summaries were classified in the following categories:

Category	Vol. 39 Suppl. 3, Memoirs XVI Scientific Meeting, November 2019	Vol. 39 Suppl. 4, Memoirs XVII Colombian Congress of Parasitology and Tropical Medicine, December 2019
Presentation	1	1
Master lectures	26	-
Oral presentations	15	-
Poster presentations	144	-
Symposia	-	16
Free papers	-	283
Total	186	300

• Manuscripts published in advance until December 31, 2019

Volume, issue, month	Format	Published manuscripts	Link
<i>Biomédica</i> Vol. 40 No. 1, March, 2020	Web site	Case presentations: 3 Original articles: 11 Brief communication: 1 Topic review: 1 <b>Total: 16 manuscripts</b>	<a href="https://revistabiomedica.org/index.php/biomedica/issue/view/169">https://revistabiomedica.org/index.php/biomedica/issue/view/169</a>
<i>Biomédica</i> Vol. 40 No. 2, June, 2020	Web site	Images in biomedicine: 1 Case presentations: 2 Original articles: 10 Brief communications: 2 Topic review: 1 <b>Total: 16 manuscripts</b>	<a href="https://revistabiomedica.org/index.php/biomedica/issue/view/170">https://revistabiomedica.org/index.php/biomedica/issue/view/170</a>

• Manuscripts received during 2019 by categories and institutions

**Table 1.** Manuscripts by categories

Categories	2019*	
	n	%
Original articles	140	76,5
Comments	1	0,6
Brief communications	8	4,3
Technical notes	3	1,6
Historic reviews	2	1,1
Essays	2	1,1
Images in biomedicine	2	1,1
Case presentations	25	13,7
Total	183	100

\* Cutoff date: December 16, 2019

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

Institutions	2019*	
	n	%
Only Instituto Nacional de Salud (INS)	5	2,7
INS together with national institutions	7	3,8
INS together with national and international institutions	109	59,6
Only national institutions	52	28,5
Only international institutions	10	5,4
Total	183	100

\* Cutoff date: December 16, 2019

• Manuscripts received during 2019 according to their stage in the editorial process

Stage in the editorial process	2019*	
	n	%
Accepted	15	6,8
Rejected	86	39,1
Still in editorial process	119	54,1
Total	220	100

\* Cutoff date: December 16, 2019

## Highlights

As part of *Biomédica's* continuous improvement plan, some of our editorial efforts were the periodic review and update of our editorial policy and instructions to authors, the participation in national and international events on current editorial management issues, as well as the use and implementation of technological tools that contribute to improve the quality, visibility, and the access to the contents of the magazine.

- Symposium of scientific journals on the importance of national and international visibility



On November 27, within the framework of the XVI Scientific Meeting of the INS, the editorial team held the symposium "Scientific journals: Importance of national and international visibility".

These are some event data:

- Four speakers participated: Two *Biomédica* editors, a national guest and an international one.
- The conference topics were:
  - Regulations and ethical standards in scientific publications
  - Digital systems for visibility, citation, and identity of scientific journals
  - Bad practices in scientific publication (the case of predatory journals)
  - Scientific writing
- Registered persons: 120
- The participants belonged to the following institutions:
  - Academia Colombiana de Ciencias Exactas, Físicas y Naturales
  - Asociación Colombiana de Cirugía

- Agrosavia
- Colombia Médica, Revista de la Universidad del Valle
- Federación Médica Colombiana
- Fundación Cardioinfantil
- Hospital Departamental San Vicente de Paúl (Garzón, Huila)
- Instituto Nacional de Salud
- Pontificia Universidad Javeriana
- Sanitas
- Sociedad Colombiana de Entomología
- Universidad San Buenaventura
- Universidad El Bosque
- Universidad Ecci
- Universidad Distrital Francisco José de Caldas
- Universidad Nacional Abierta y a Distancia
- Universidad del Cauca
- Universidad de La Salle
- Universidad Nacional de Colombia
- Universidad Libre de Colombia
- Secretaría de Salud de Vichada
- Secretaría de Salud de Casanare
- Subred Sur Occidente
- ONG Acción contra el hambre

#### ■ Journal Citation Reports (2018)

According to the report of the Journal Citation Reports (2018) published on June 15, 2019, the impact factor of the magazine increased from 0.620 to 0.733, and that of the last five years increased from 0.875 to 0.912.

#### ■ Data from Google Analytics

According to the data provided by Google Analytics, in the period between January 1 and December 16, 2019, *Biomédica's* website ([www.revistabiomedica.org](http://www.revistabiomedica.org)) received 546,805 visits. On this occasion, 444,296 people entered the platform for the first time to learn about our contents, while 54,994 were recurring visitors. The users came, in their order, from Colombia (31.90%), México (18.83%), Perú (7.72%), Spain (6.13%), United States (5.68%), Ecuador (4.55%), Argentina (4.38%), Chile (3.65%), Venezuela (2.37%), and Bolivia (2.20%).

As for the mobile devices used by visitors to enter our website, desktop computers and laptops ranked first, with 64.03%, while smartphones were in second place, with the 34.45%, and the tablets were in third place, with 1.52% of total users.

The internal sections that generated the most visits to *Biomédica's* website were the following:

The main page of the magazine:

<https://revistabiomedica.org/index.php/biomedica>

The original article "Dengue in pregnancy: Effects on the fetus and the newborn":

<https://revistabiomedica.org/index.php/biomedica/article/view/1236>

The archive section where all *Biomédica* issues can be found from its founding in 1981 to the present:

<https://revistabiomedica.org/index.php/biomedica/issue/archive>

The search engine:

<https://revistabiomedica.org/index.php/biomedica/search/search>

Instructions for authors:

<https://revistabiomedica.org/index.php/biomedica/about/submissions>

The article "Prevalence of epithelial cell abnormalities and associated factors in women of a rural Colombian municipality":

<https://revistabiomedica.org/index.php/biomedica/article/view/98>

The editorial "Pollution with mercury by mining activity":

<https://revistabiomedica.org/index.php/biomedica/article/view/1437>

The historical review "Golgi's argumentative impregnation technique. Commemoration of the centenary of the Nobel Prize in Medicine (1906) shared by Camillo Golgi and Santiago Ramón y Cajal:

<https://revistabiomedica.org/index.php/biomedica/article/view/315>

The topic review entitled "Mechanisms of pathogenesis in malaria by *Plasmodium falciparum*":

<https://revistabiomedica.org/index.php/biomedica/article/view/447/872>



#### ■ Other metrics

The digital marketing strategy that we have been implementing since the beginning of 2014 includes a set of activities and tools to promote the contents of *Biomédica* on the internet through digital channels such as the website, social networks, and email mailboxes. Such activities are developed to share scientific knowledge with a greater number of researchers, students, opinion leaders, social sectors responsible for designing public policies, and members of the community in general, among others. It also seeks to contribute to the increase of the number of citations to ensure a good position of the journal in national and international indexes, thus favoring its impact factor

- Facebook and Twitter

In 2019, *Biomédica's* Facebook page (<https://www.facebook.com/RevistaBiomedicaINS>) registered 3,393 followers, 295 more than in the same period of the previous year, from countries such as Colombia, México, Perú, and Brazil. The number of followers in the official Twitter account of the magazine ([https://twitter.com/Biomedica\\_INS](https://twitter.com/Biomedica_INS)) reached 1,790, 324 more than a year ago. In this case, the users were mainly from Colombia, México, Venezuela, Spain, and the United States.

As for the participation of the virtual community in both social networks, we can say that this was active throughout the year: on Facebook, our contents were viewed by 61,252 people, they received 1,170 "likes", were shared 301 times in total, generated 2,782 clicks on the links to expand the information, and obtained 46 comments from the users. On Twitter, tweets reached the figure of 1,504 "likes", they were shared 661 times, generated 71 responses by users, and obtained 1,868 clicks. Besides, we received 403 mentions in the account. These data reflect the interest of the national and international scientific community and the general public for the content published in the journal and their desire to access this type of information quickly and easily through social networks.

- LinkedIn

In April 2019, a company page was created on the LinkedIn professional network (<https://www.linkedin.com/company/biomedica-revista-del-instituto-nacional-de-salud>) so that those who spend more time in this platform and prefer it to Facebook and Twitter can also read, download, comment, and recommend *Biomédica's* scientific articles. In this way, we will continue to guarantee free and immediate access to our content and promote the exchange of knowledge.

It should be noted that until December 11, on LinkedIn we had 101 followers, mostly present in countries such as Colombia, Spain, and Brazil and that our publications had been shared 65 times. Also, these contents had received 188 recommendations, 10 comments, and 335 clicks. Regarding the impressions, that is, the number of times that the members of the said social network saw an update, we have obtained 8,455 impressions since we created our profile there.

- Finally, we sincerely appreciate the collaboration of the editors, the scientific community, and the national and foreign evaluators for their contribution to our purpose of continuing to grow and gain visibility and recognition internationally as a way to support and project national and regional scientific production.

Our team wishes you all **happy holidays** and lots of science, research, health, innovation, and knowledge exchange in 2020