

2020

Annual report

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# Biomédica

Revista del Instituto Nacional de Salud

Volume 40, 2020

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2020

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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 2020. 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 40, issue 1**

**Publication date:** March 2020

**Cover:** Blastoconidia with pseudohyphae suggestive of *Candida* spp in a vaginal discharge spread. Gram, 40X. Leica microscope DM150, Leica camera CC50HD. Alejandra Zuluaga, *Unidad de Micología Médica y Experimental, Corporación para Investigaciones Biológicas* (CIB), Medellín, Colombia

**Editorial:** *Candida auris*: Strategies and challenges for outbreaks prevention. Alejandra Zuluaga-Rodríguez

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/169>

***Biomédica*, volume 40, issue 2**

**Publication date:** June 2020

**Cover:** Thoracic axial fused PET-CT scan showing a hypermetabolic mass in the superior lateral quadrant of the left breast corresponding to adenocarcinoma and small axillary adenopathy on the same side. GE Discovery PET/CT 600, *Instituto de Diagnóstico Médico, IDIME*. Alejandro Martí-Samper, *Instituto Nacional de Cancerología e Instituto de Diagnóstico Médico, IDIME*, Bogotá, D.C., Colombia.

**Editorial:** Cancer research in the SARS-CoV pandemia. Carolina Wiesner

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/170>

***Biomédica*, volume 40, issue 3**

**Publication date:** September 2020

**Cover:** Normal lung structure apt for gas exchange in alveoli and type I and II pneumocytes in the alveolar partitions. Hematoxylin and eosin, 40X. Evolution VF camera and QCapture Pro 6.0 software Jorge Alonso Rivera, *Grupo de Morfología Celular, Dirección de Investigación en Salud Pública, Instituto Nacional de Salud*, Bogotá, D.C., Colombia

**Editorial:** Vaccines against SARS-CoV-2: Are they a reality for Latin America? Alfredo G. Torres.

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/174>

***Biomédica*, volume 40, issue 4**

**Publication date:** December 2020

**Cover:** PubMed Central® logo  
PubMed Central® is a free full-text archive of articles published in biomedical literature and life sciences journals selected to be part of this repository and available at the U.S. National Library of Medicine. National Institutes of Health.

**Editorial:** *Biomédica* in PubMed Central®. Luis Alberto Gómez-Grosso

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/176>

## Thematic supplements 2020



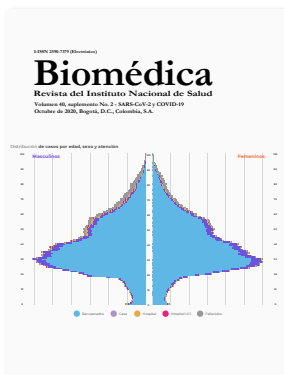
### ***Biomédica*, volume 40, supplement 1, Infections in the tropic**

**Publication date:** May 2020

**Cover:** *Strongyloides stercoralis* rhabditiform larva in a fecal sample, preparation with methylene blue, 100X. Zeiss binocular microscope with LED lighting, Primo Star model, Sony Xperia camera  
Kevin Escandón, *Escuela de Medicina, Universidad del Valle*, Cali, Colombia

**Editorial:** Infections in the tropic: Challenges for applied research. María Fernanda Yasnot, Ramón Gamarra, Clara B. Ocampo

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/173>



### ***Biomédica*, volume 40, supplement 2, SARS-CoV-2 and COVID-19**

**Publication date:** October 2020

**Cover:** Distribution of SARS-CoV-2 infection cases by sex, age, and type of medical care, October 12, 2020 (<https://www.ins.gov.co/Noticias/Paginas/coronavirus-casos.aspx>).

Infogram, *Instituto Nacional de Salud*, Bogotá, D.C., Colombia

**Editorial:** Latin American scientific research priorities for COVID-19 prevention and control. Zulma M. Cucunubá

**Available from:** <https://revistabiomedica.org/index.php/biomedica/issue/view/175>

## Some data of interest

### • Information on the manuscripts published in 2020 by categories

During 2020 *Biomédica* published its four regular issues on the stipulated dates: March, June, September, and December, and two thematic supplements in May and October.

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. 40 No. 1, March, 2020	Electronic	Editorial: 1 Editorial note: 1 Case presentation: 3 Original articles: 11 Brief communication: 1 Topic review: 1 Letters to the editor: 1 In memoriam: 1 <b>Total: 20</b>
<i>Biomédica</i> Vol. 40 No. 2, June, 2020	Electronic	Editorial : 1 Case presentation: 3 Original article: 12 Brief communication: 1 Letters to the editor: 2 <b>Total: 19</b>
<i>Biomédica</i> Vol. 40 No. 3, September, 2020	Electronic	Editorial: 1 Historical review: 1 Images in biomedicine: 1 Case presentation: 4 Essay: 1 Original articles: 8 Brief communication: 1 <b>Total: 17</b>
<i>Biomédica</i> Vol. 40 No. 4, December, 2020	Electronic	Editorial: 1 Images in biomedicine: 1 Case presentation: 5 Original articles: 13 <b>Total: 20</b>
<i>Biomédica</i> Vol. 40 Supl. 1, Infections in the tropic, May, 2020	Electronic	Editorial: 1 Historical review: 1 Images in biomedicine: 2 Case presentation: 2 Original articles: 9 Brief communication: 1 Topic review: 1 <b>Total: 17</b>
<i>Biomédica</i> Vol. 40 Supl. 2, SARS-CoV-2 and COVID-19, October, 2020	Electronic	Editorial: 1 Continuing education: 1 Images in biomedicine: 1 Case presentation: 3 Essay: 2 Comments: 1 Original articles: 7 Brief communication: 2 Update: 1 Topic review: 2 Letters to the editor: 2 <b>Total: 23</b>

- Manuscripts published in advance until December 31, 2020

Volume, issue, month	Format	Published manuscripts	Link
<i>Biomédica</i> Vol. 41 No. 1, March, 2021	Online	Case presentations: 2 Original articles: 11 Brief communications: 4 <b>Total: 17 manuscripts</b>	<a href="https://revistabiomedica.org/index.php/biomedica/issue/view/177">https://revistabiomedica.org/index.php/biomedica/issue/view/177</a>
<i>Biomédica</i> Vol. 41 No. 2, June, 2021	Online	Case presentations: 3 Original articles: 5 Brief communications: 2 Topic review: 1 <b>Total: 11 manuscripts</b>	<a href="https://revistabiomedica.org/index.php/biomedica/issue/view/178">https://revistabiomedica.org/index.php/biomedica/issue/view/178</a>

- Manuscripts received during 2020 by categories and institutions

**Table 1.** Manuscripts by categories, cut off date December 31, 2020

Categories	2020	
	n	%
Update	3	0,96
Original articles	198	63,66
Comments	8	2,58
Brief communication	19	6,1
Continuing education	2	0,64
Essay	15	4,82
Images in biomedicine	4	1,3
Case presentation	52	16,72
Historical review	2	0,64
Topic review	8	2,58
Total	311	100

**Table 2.** Manuscripts by authors' institutional affiliation, cut off date December 31, 2020

Institutions	2020	
	n	%
Only <i>Instituto Nacional de Salud</i> (INS)	6	1,92
INS together with national institutions	184	59,17
INS together with national and international institutions	84	27
Only national institutions	16	5,15
Only international institutions	21	6,76
Total	311	100

- Manuscripts received during 2020 according to their stage in the editorial process

Stage in the editorial process	2020	
	n	%
Accepted	47	15,11
Rejected	188	60,46
Still in editorial process	76	24,43
Total	311	100

\* Cut off date December 31, 2020

## Highlights

As part of *Biomédica*'s continuous improvement plan, our editorial efforts included 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 improving the quality, visibility, and access to the contents of the magazine.

- Initiative for Open Citations

On February 19, through the firm Biteca SAS our journal joined the Initiative for Open Citations that prompts the collaboration among editors, scholars, researchers, and other interested parties to promote unlimited availability of scholarly citation data (<https://i4oc.org/>)

The obligations acquired include the issuing of DOI codes and Crossmark buttons by Biteca SAS, the uploading of the references from each *Biomédica* article in the Crossref systems to make them available.

- Editors Meeting

Conference on "Health sciences journals edition"

On February 21, 2020, *Biomédica* actively supported Biteca SAS in the organization of its Conference on "Health sciences journals edition". Fifty participants from scientific journals editorial teams attended the event. The following were the lecturers: Nancy Chescheir, María Mercedes Zambrano, Luis Alberto Gómez y Orlando Gregorio Chaviano.



### Journal Citation Report (2019)

According to the Journal Citation Report (2019) published on June 15, 2020, our journal's impact factor is 0.597 while that of the last five years is 0.885.

Among Colombian journals from all fields, including health, *Biomédica* is the scientific publication with the highest productivity. In 2019, our journal published more than 150 articles. Besides, it is one of the few Latin American journals indexed both in Medline and the Science Citation Index, the most prestigious in the world, and also registered in PubMed Central, the world's largest repository of medical and scientific abstracts, full-text articles, books, and reports.

### *Biomédica* in Pubmed Central, a celebration

PubMed Central (PMC) is the digital archive of biomedical and life sciences journals of the National Institutes of Health of the United States. *Biomédica* requested to be included in this repository in December 2019 and in the third trimester of 2020, PubMed Central (PMC) informed our journal that the files we had sent all complied with their technical quality requirements and, therefore, *Biomédica*'s request had been accepted and the journal was now available at <https://www.ncbi.nlm.nih.gov/pmc/journals/3871/>

On November 20, 2020, with the support of the Communications Office at the *Instituto Nacional de Salud-INS*, *Biomédica*'s editorial team held the online event "*Biomédica* in Pubmed Central" that was transmitted through the INS official Youtube channel. The speakers at the event were:

Luis Eduardo Bravo, associated editor of *Colombia Médica*, scientific journal of *Universidad del Valle*

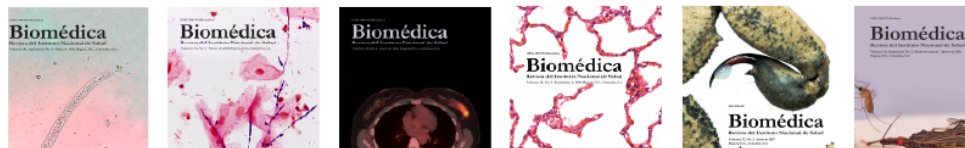
Carlos Arturo Hernández, member of *Biomédica*'s Editorial Board

Luis Alberto Gómez, *Biomédica*'s editor in chief

The event was aimed at informing our local scientific community about our inclusion in this important biomedical publications repository. The video is available at the INS channel <https://youtu.be/8vNOWjneSHM> and at the journal's channel: <https://youtu.be/kyrTCMqc-p0>, where it has around 750 reproductions.

# BIOMÉDICA EN PUBMED CENTRAL

Disponible en: <http://url.ins.gov.co/biomedica-pubmed>



NCBI Resources How To Sign in to NCBI

PMC US National Library of Medicine National Institutes of Health

Advanced Journal list Search Help

**COVID-19 is an emerging, rapidly evolving situation.**  
Get the latest public health information from CDC: <https://www.coronavirus.gov>  
Get the latest research information from NIH: <https://www.nih.gov/coronavirus>  
Find NCBI SARS-CoV-2 literature, sequence, and clinical content: <https://www.ncbi.nlm.nih.gov/sars-cov-2/>

Journal List > Biomédica

ISSN 0006-7199 (Bicentenario)

**Biomédica**  
Revista del Instituto Nacional de Salud

Biomédica Vols. 39 to 40; 2019 to 2020			
Vol. 40 2020	v 40(1): 5-212 2020 Mar	v 40(Suppl 1): 5-166 2020 May	v 40(2): 217-419 2020 Jun
	v 40(3): 424-577 2020 Jun	v 40(4): 582-778 Oct-Dec 2020	v 40(Suppl 2): 9-208 2020 Oct
Vol. 39 2019	v 39(3): 431-612 2019 Sep	v 39(4): 617-820 2019 Dec	

Articles from *Biomédica* are provided here courtesy of Instituto Nacional de Salud, Colombia



## ■ Data from Google Analytics

According to the statistics from Google Analytics, from January 1 to December 31, 2020, our web site (<https://revistabiomedica.org>) registró 539,340 registered 539,340 sessions or visits from viewers in Colombia, México, Perú, Spain, Argentina, Ecuador, Chile, the United States, Venezuela, and Bolivia, among others.

Of the 429,463 users that accessed our site to learn about its contents on public health and biomedicine topics, 88.2% were first-time viewers while 11.8% were frequent users. They spent an average of 1:19 minutes per session and accessed from the site using desk computers (61.30%), smartphones (37.82%), and tablets (0.88%).

Regarding traffic sources, our visitors found our articles and information using internet browsers such as Google (74.42%) or directly accessing *Biomédica*'s website by clicking on the links we include in our bulletins and notification emails (13.62%). They were also referred from other sites: Google Académico (3.16%), PubMed (1.95%), National Center for Biotechnology Information (1.08%), Facebook (0.73%), *Instituto Nacional de Salud* (0.55%), Twitter (0.43%), and SciELO Colombia (0.26%).

Finally, the following were the journal's sections that attracted the most attention from visitors:

The main page of the journal: <https://revistabiomedica.org/>

The original articles "The cost-effectiveness of interferon beta treatment in patients with a clinically isolated syndrome in Colombia"  
<https://doi.org/10.7705/biomedica.v34i1.1541>

The original article "Neonatal and postnatal effects of dengue infection during pregnancy"  
<https://doi.org/10.7705/biomedica.v23i4.1236>

The editorial "Contamination with mercury from mining activities"  
<https://doi.org/10.7705/biomedica.v32i3.1437>

The instructions to authors wanting to submit their articles  
<https://revistabiomedica.org/index.php/biomedica/about/submissions>

The topic review "Excitation-contraction coupling in skeletal muscle: Questions remaining after 50 years of research"  
<https://doi.org/10.7705/biomedica.v29i1.50>

The historical review "The Golgi silver impregnation method: Commemorating the centennial of the Nobel Prize in Medicine (1906) shared by Camillo Golgi and Santiago Ramón y Cajal"  
<https://doi.org/10.7705/biomedica.v26i4.315>

The Archives section holding all *Biomédica* issues since its creation in 1981  
<https://revistabiomedica.org/index.php/biomedica/issue/archive>

The editorial "Health economics and public health: Global situation and local perspectives"  
<https://revistabiomedica.org/index.php/biomedica/article/view/4596>

The topic review "Schwann cell"  
<https://doi.org/10.7705/biomedica.v13i4.2075>

## ■ Alternative metrics

Regarding *Biomédica*'s presence in Facebook, Twitter, LinkedIn, and Instagram, last year we announced through these social platforms the online publication of issues 1 to 4 and supplements 1 and 2 of volume 40, 2020. We also shared the author summaries of the articles published to facilitate a better understanding of the findings reported by researchers.

Additionally, we shared through these social media the requirements of the calling for contributions of articles for our SARS-CoV-2 and COVID-19 supplement and the announcement on those accepted by our Editorial Board for publication in the supplement, as well as some of the guidelines adopted in the course of the new coronavirus pandemic, the temporary suspension of our scientific photography contest that our journal had announced as part of the celebration of its 40 years of existence, the promotion the the online event "*Biomédica* in PubMed Central" and, naturally, we used them to interact with the virtual community regarding information of interest and frequent questions.

Lastly, *Biomédica* arrived at the end of 2020 with a significant increase in the number of people following its contents through social media. Their active participation has contributed to the exchange of scientific knowledge on the internet: 3,787 followers on Facebook, 2,654 on Twitter, 500 on LinkedIn, and 70 on Instagram.

To ensure our virtual community will continue growing on the internet, we invite all of you to keep in contact at:

<https://www.facebook.com/RevistaBiomedicaINS>

[https://twitter.com/Biomedica\\_INS](https://twitter.com/Biomedica_INS)

<https://www.linkedin.com/company/biomedica-revista-del-instituto-nacional-de-salud>

<https://www.instagram.com/revistabiomedica>

and to download our journal's content through our app for mobile devices at *Biomédica* in App Store:

<https://apps.apple.com/us/app/biomedica/id1073929569>

and *Biomédica* in Google Play:

[https://play.google.com/store/apps/details?id=com.biteca.biomedica&hl=es\\_CO](https://play.google.com/store/apps/details?id=com.biteca.biomedica&hl=es_CO)

Finally, we want to thank the editors, the scientific community, and all national and international reviewers for their contribution to our purpose of continuous growth by gaining visibility and international recognition as a way of supporting and enhancing national and regional scientific production.