



IPA International
Pediatric
Association

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Newsletter

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International Pediatric Association Newsletter

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Message from the President



Esteemed Colleagues,

Welcome to our Spring issue for 2018. It is a pleasure to share the remarkable stories from our members around the globe. Since our last issue, the IPA has been very busy. In March we held our annual business meetings of the Executive Committee, Standing Committee, Strategic Advisory Group, and IPA Congress Scientific Committee. These groups work incredibly hard to represent each of their respective societies and bring their expertise to further IPA's strategic direction. The meetings were very productive and we will be taking forward several key initiatives to support member societies.

Several regional society and topic specific meetings have taken place including

meetings of the Confederacion Nacional de Pediatria Mexico (CONAPEME), the Japan Pediatrics Society, the Lebanese Pediatric Societies, Pediatrics Society of Thailand annual congress. Dr. Jose Brea participated in the V Forum of Vaccines held by the Ecuadorean Society of Pediatrics, and Dr. Aman Pulungan held a seminar in Jakarta to mark Wishbone Day for the International Day of Osteogenesis Imperfecta. I am impressed by the multiple efforts of our members to advocate for issues in child health, working to achieve the goal of the IPA for equal, accessible care for Every Child, Everywhere.

I am delighted to share that the registration for the 2019 IPA Congress is officially open. The Scientific Committee has worked fervently to establish a strong Scientific Program details of which will be shared in this issue. We hope that many of you will join us in Panama for this event, bringing together your fellow paediatricians from around the globe. Visit the [IPA 2019 Congress](#) website for more information and to register.

Our outreach and advocacy efforts continue as we prepare for the World Health Assembly, and our message to the UN body. Paediatricians continue to play a key role in furthering the world health agenda, and the



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Message from the President

IPA takes that responsibility as one of our core objectives. Public engagement is also important and we've started a series of video messages that will appear on our Facebook, and Twitter on some of the world health days. Visit our Facebook and Twitter page for my recent message for World Malaria Day and World Refugee Day and continue to follow us as another platform to stay connected.

I've kept my message brief so you can dive into the richness this issue offers, but one issue deserves much greater attention and was also the focus of my message on the World Refugee Day. It is well recognized that children and adolescents represent a large proportion of those displaced by conflict, insecurity and humanitarian crises. The issue of separation of children from families at the southern US border hit the news recently

and thankfully following the universal outrage and the strong stance taken by our colleagues at the American Academy of Pediatrics led by President Colleen Kraft, the US government has announced a halt to this policy. We must use this shift to ensure that the universality of this problem, the plight of young children, caught in the midst of circumstances well beyond their control, continues to receive attention with appropriate actions. Paediatricians all over the world need to unite around these issues and we, as the International Pediatric Association, stand shoulder to shoulder with colleagues to ensure that misfortune and displacement among families and children are not compounded by child abuse.

Zulfiqar A. Bhutta

President, International Pediatric Association



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Words from the Editor



"Dear Reader,

Here is our new issue of the IPA Newsletter, which aims to share updates on activities and research taking place in all regions. Please do not miss the message from our President which constitutes a real portico for every issue but especially for this one due to the announcement relating to Strategic Advisory Group. This is an innovative upward march that will help adopting pertinent decisions, not only individual but collegial ones, affecting some actions on child health and should allow the Group to work in a more pragmatic fashion. His reference to parents and sons or daughters separation apart from the contribution to the successful issue has a humanitarian motto beyond IPA

The IPA Activities Recap will give you additional information about recent actions taken by our leadership committees, as well as fresh news on the main activities carried out thus far. A sign of IPA family good health is the fact that your activities during the covered period clearly outnumber the

spaces we have in each NL issue and the pipeline for the next issue is also a little crowded. Please read the article from Dr. Karen Olness about the specific activities in Sub-Saharan countries.

This newsletter is proud of contributing to the knowledge about new tools that could improve the accuracy in clinical diagnosis. Dr. Deepak Kamat has made some meritorious work in this respect; please see in What's New how microRNAs signal certain conditions.

Finally, we must make a special mention the latest news about the 29th IPA Congress (Panama March 17-21 2019). The program has been carefully designed by the Scientific Committee according to applied research breakthroughs and includes health problems and even threats. Drs. Iván Wilson and Olle Soder as Co- Chairs of the committee, have facilitated not only the main lines of the program but the general content of the Plenary and Concurrent sessions and also the pragmatic Meet the Expert and Controversies sessions. If you have a look at Dr. Wilson's report, you'll realize the great opportunities of deepening our knowledge of child health and pediatric care. The open mind of IPA will be well represented along the Conference and the possibility of your participation through the free papers, poster sessions or general discussions should not be neglected. As a connoisseur of previous and present programs my recommendation would be to register early.

I'd like to stress that the Newsletter and the whole and efficient team behind it, accordingly to IPA principles, are fully open to your input, therefore don't hesitate to write to us at membersupport@ipa-world.org if you have any suggestions or comments.

With my kindest regards
Manuel Moya
IPA Newsletter Chief Editor



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IPA Activity Recap.

IPA Activities

Business Meetings

IPA Executives held the annual meetings in London in March. The Executive and Standing Committees convened to discuss the objectives, opportunities, activities and administrative matters for the IPA for 2018, and beyond. Discussions on the coming elections for these committees and key executive roles along with preliminary talks with the Royal College of Paediatrics and Child Health for the 2021 IPA Congress in Glasgow, Scotland also took place.

The Strategic Advisor Group met to discuss strategic opportunities for outreach and capacity development. Building on the past work of the Technical Advisory Groups, IPA leadership through careful consideration has identified and recruited experts in 9 priority areas to advise the IPA on activities and priorities of focus and advocacy in the following areas:

- Adolescent Health(Susan Sawyer, Australia),
- Child Survival(Miguel O'Ryan, Chile),
- Early Child Development(Mohamed Mikati, USA),
- Environmental Health(Mona Hanna-Attisha and Ruth Etzel, USA),
- Humanitarian Crises(Karen Olness, USA),
- Immunizations(Naveen Thacker, India),
- Non-Communicable Diseases(Jonathan Klein, USA),
- Newborn Health (Peter Waiswa, Uganda) and
- Nutrition(Berthold Koletzko, Germany).

The IPA Scientific Committee convened to discuss the scientific program and other relevant matters for the upcoming Congress in Panama in 2019. Speakers, sessions, and workshops were discussed led by the Congress Scientific Chairs, Olle Söder and Ivan Wilson and Congress President Mariana Lopez. We are excited to share that registration for the Congress is officially open, please visit the IPA 2019 Congress site for more details on the program, logistics and registration.



IPA Congress 2019 Page

<http://www.ipa2019congress.com>

Registration Link

<https://b-com.mci-group.com/CommunityPortal/Registration/IPA19.aspx>

IPA Congress 2019 Newsletter

[https://us15.campaign-archive.com/?e=\[UNIQID\]&u=790564bfd452e1751523770c0&id=c7693864bb](https://us15.campaign-archive.com/?e=[UNIQID]&u=790564bfd452e1751523770c0&id=c7693864bb)

Regional Events

Below are photos from the varying regional events our IPA Members have been involved in. Read the notes and captions for details on the location and event. We are so supportive of the efforts of our regional and local societies, and it is wonderful to capture just a snapshot of the work being done by pediatricians globally in our newsletter.

Share your stories and events at membersupport@ipa-world.org



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IPA Activity Recap.

Advocacy

Dr. Aman Pulungan participated in a seminar at Wishbone Day in support of the International Day for Osteogenesis Imperfecta May 4.

Wishbone Day 2018
International Day of Osteogenesis Imperfecta
Jakarta, 4 Mei 2018

SEMINAR MEDIA

Opening Speech
Dr. Dr. Aman Pulungan, Sp.A(K), FKMP
Kelas Utama Program Pasca (D3)

Presidencian
"Osteogenesis Imperfecta: Think and Forget It!"
Dr. Dana Nur Prihadi, Sp.A(K), M.Kes

Testimoni keluarga pasien OI

Senin, 4 Mei 2018
08.30 - 11.30 WIB

Gedung IDIA
Jalan Salemba 1 No. 5
Menteng, Jakarta Pusat

RENTAN REGISTRASI
Pendaftaran via WhatsApp
Media Sosial Platform dan Facebook: @wbd2018
Email: info@wbd2018.org



President Bhutta shared a message for **World Malaria Day**.

Visit our Twitter or Facebook page to catch the IPA Spotlight for World Malaria Day April 25.

https://m.facebook.com/story.php?story_fbid=1755325334560214&id=138433546249409

https://twitter.com/danney_d1010/status/989121244925751296?s=21





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President Bhutta shared a message for World Refugee Day

Visit our Facebook and Twitter pages for our recent IPA Spotlight message World Refugee Day

https://m.facebook.com/story.php?story_fbid=1817314418361305&id=138433546249409

https://twitter.com/Danney_D1010/status/1009422875621822464



International Women’s Day Celebrated by IPA

IPA celebrated **International Women's Day** on March 8th by sharing the statements given by the female representatives of IPA

Dr. Shanti Raman of the IPA shares her thoughts on International Women’s Day



International
Women's Day

"We must provide girls and women with the tools they need to enact and lead change, both locally and globally: quality education, social and economic empowerment, and leadership opportunities. Gender equality is key to building a better future - for everyone, everywhere."

Dr. Linda Arnold, International
Pediatrics Association

#PressforProgress

Quote by Dr. Linda Arnold on International Women's Day at UNAPSA



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IPA Activity Recap.

World Autism Day – April 2, 2018

Dr. Santosh Soans IAP President shared photos from the AJ Institute on medical sciences Dept of Pediatrics for World Autism awareness day. Miss world supra national 2015 Dr Afrin Vaz, was the guest of honor and released a booklet on autism awareness. Post-graduates and interns of the department enacted a role-play to sensitize the parents and general-public to topics regarding Autism.



World Immunization Week from 24-30 April, 2018 celebrated by IPA Member societies



Indonesian Pediatric Society celebrated World Immunization Week by organizing a media conference



World Immunization Week celebrated by Pakistan Pediatric Association



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IPA Standing Committee Meeting held on March 18-19, 2018 at London, United Kingdom. The meeting was also featured in a local newspaper in Turkey (*translation below*):

The members of the Standing Committee of the International Pediatric Association, gathered for a meeting in London. The organization was established to protect children of the world. The Standing Committee, which came together with members from different countries, was attended by pediatric gastroenterology hepatology and nutrition specialist Professor Fügen Çullu Çokuğras from Turkey.



Congress/Meetings/Workshops/Events organized by IPA Member Societies



The 15th Annual Congress of the Lebanese Pediatric Societies held on 27-28 April 2018



V Annual vaccine forum held by Sociedad Ecuatoriana de Pediatría



IPA Activity Recap.

Union of Arab Pediatric Societies Workshop in Aghia Sofia Hospital Athens



XXI Congreso Regional De Pediatría organized by Sociedad Panamena De Pediatría and Colegio Medico De Panama





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Drs. Errol Alden, William Keenan, and Enver Hasanoğlu met with members of the Turkish National Pediatric Society (TNPS) in Turkey. Drs. Alden, Keenan, and Hasanoğlu also had the opportunity to meet the Vice Prime Minister Dr. Recep Akdağ in Ankara. They visited one Syrian refugee campus in Gaziantep on the border of Syria.



Confederación Nacional de Pediatría de México (CONAPEME)

Mariana Lopez attended the 50th CONAPEME Congress in Acapulco May 3-6.



Are you interested in sharing a comment, a quote, or evidence on recent research or controversies in child health?

For more information contact:
membersupport@ipa-world.org

Get involved

Engaged in groundbreaking work, have opportunities for advocacy, or recently published? Please share your work to:

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IPA Activity Recap.

PRELIMINARY REPORT

MANAGEMENT OF HUMANITARIAN EMERGENCIES: FOCUS ON CHILDREN AND FAMILIES

January 19-22, 2018

Abuja, Nigeria

This workshop was sponsored by the Union of African Pediatric Societies, the Department of Pediatrics of the National Hospital, the International Pediatric Association and Health Frontiers. The Problem Based Learning (PBL) workshop was planned by Dr. Angela Okolo and Dr. Karen Olness. On site organization was directed by Dr. Mariya Mukthar Yola. Program coordinator was Felicite Chatel Katz MA,MS. Faculty included Drs. Angela Okolo, Karen Olness (US), Marisa Herran (US), Johnny Chinnapha (Thailand), Chris Harkensee (England), Ayesha Cheema (Abu Dhabi) and Felicite Chatel Katz (France).

Training began with a pre test. The initial module taught participants how to work with problem based learning. Over the four days participants considered 18 additional modules about problems they would face in a humanitarian emergency. These included triage, self care for the relief worker, emotional trauma in children, nutrition and breastfeeding, school issues, child abuse, chronic conditions and disabilities in children, media

and children, international law and children, water and sanitation, security issues, shelter and housing, epidemiology and mobile devices in disasters, helping children regain coping abilities, long term issues of orphans, pediatric infectious diseases, death and bereavement, and conflict resolution. Participants did daily evaluations of the training and completed a post test.

Participants included 44 pediatricians and two nurses from Nigeria. Dr. Yveline Houenou who participated in the Ethiopia workshop 18 years ago attended the Abuja workshop. She has taught disaster management: focus on children to pediatric residents in Cote d'Ivoire ever since attending the workshop in Ethiopia. She has asked that the workshop be conducted in French in West African countries.

Many of the participants had personal experience working in humanitarian emergencies and shared their knowledge in the four working groups. Evaluations for the workshop were excellent. Each day lasted longer than scheduled because of the enthusiasm of participants.



Karen Olness

Professor Emerita of Pediatrics,
Global Health, and Diseases



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What's New

MicroRNAs in Clinical Medicine

MicroRNAs are non-coding small (18-25 nucleotides in length) RNAs. They regulate the gene expression at post-transcriptional level (1). It has been shown that there is differential expression of microRNAs for a particular biologic process and they function coordinately to maintain precise homeostasis for that particular biologic process. Thus alterations in expression of microRNAs may provide clues for the pathogenesis as well as the diagnosis of diseases. In addition it has been shown that these microRNAs are remarkably stable molecules and can be detected with relative ease in bio-fluids away from the tissue of origin. Thus microRNAs can be detected in blood, saliva, urine and other bio-fluids and can provide clues for the abnormalities in biologic processes occurring in any number of organs (2).

MicroRNAs have been shown to play an important role in development of lymphocytes, regulating both innate and adaptive immune responses and are responsible for fine tuning the host immune responses (3). A number of microRNAs have emerged as key regulators of Toll Like Receptor (TLR) signaling pathways (4). Similarly, they have been shown to be involved in the activation and differentiation of T cells in the adaptive immune responses (5). Recently the role of miRNAs in B-cell development, differentiation, and function has also been described. (6) In addition to intracellular gene expression regulation function, microRNAs also are believed to function in the extracellular environment. These "circulatory" microRNAs are actively released from the immune and non-immune cells and are believed to play an important

role in cell to cell interaction. (7) In addition, many viruses have been shown to have miRNA (v-miRs). It has also been noted that there are large numbers of binding sites for these v-miRs on the affected genes and they affect the innate immune function of the host. Viral miRNAs from the human herpesvirus family have been shown to contribute to the pathogenesis of oral inflammatory diseases. (8) In the near future microRNAs will serve as a powerful tool for the early detection as well as for determining the prognosis for cancer patients and for the development of newer anticancer therapies. (9) It will soon be possible, with microRNA technology, to diagnose pulmonary tuberculosis and differentiate active from latent tuberculosis quickly and accurately at a significantly lower cost. (10) MicroRNAs may soon be used to diagnose and prognosticate sepsis and monitor for complications of infections such as hepatitis B and C viral, and HIV infections. (10) Differential expression of microRNAs has also been observed in autoimmune disorders such as rheumatoid arthritis, systemic lupus erythematosus, multiple sclerosis and ulcerative colitis. With this knowledge, it is hoped that one would be able to create innovative therapies by modulation of the microRNAs involved in the pathogenesis of these autoimmune conditions. (11). It is estimated that about 10% of the world's population is affected by allergic disorders such as allergic rhinitis, asthma, atopic dermatitis and others. MicroRNAs play a significant role in steering an immune response towards a Th2 type in these individuals. It will therefore be possible, by manipulating the involved microRNAs, to develop therapeutic interventions to these common allergic conditions. (12)



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What's New

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What's New

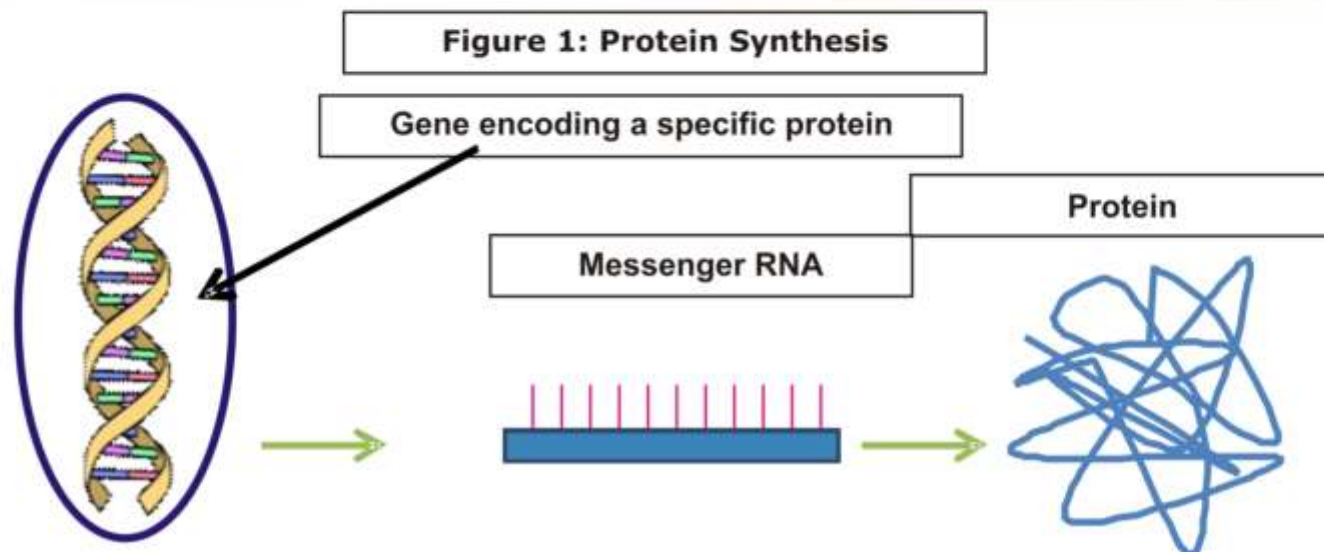


Figure 1: Shows that DNA (gene) for a specific protein gets transcribed into messenger RNA and this messenger RNA is translated into protein.

Figure 2: Post-transcriptional regulation of protein synthesis by MicroRNA

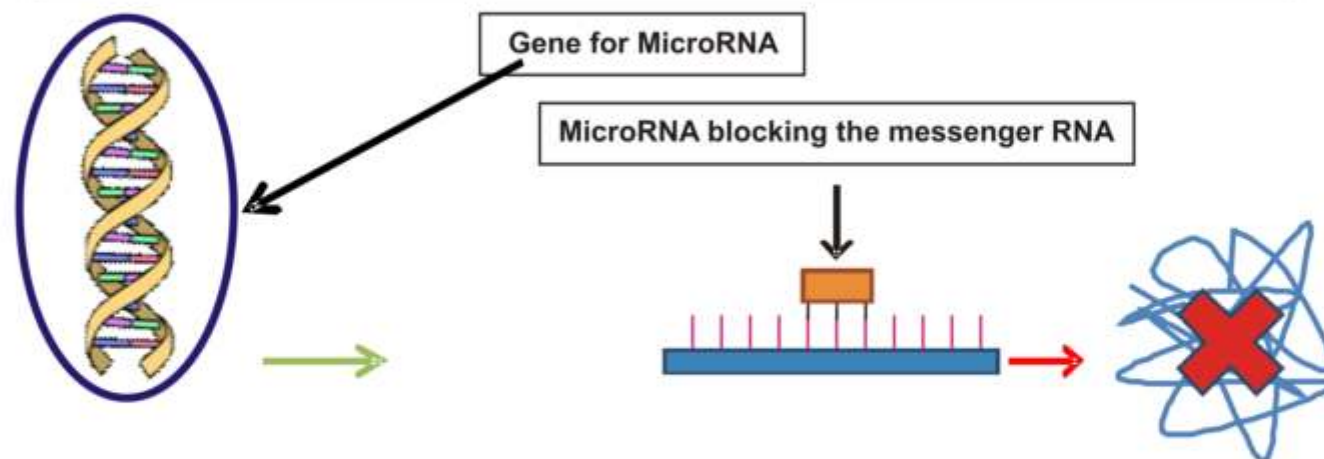


Figure 2: Shows that genes for a specific protein and microRNA get transcribed into respective messenger RNAs. Messenger RNA for MicroRNA binds to complementary portion of protein messenger RNA and inhibits protein synthesis.



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29th International Pediatric Association Congress



The World Congress of Pediatrics that will be held in Panama City, from March 17 to 21, 2019, promises to be the scientific event of the year. It is expected to have the participation of at least 4,000 health professionals dedicated to the care and management of minors in all parts of the world. Attendees will have the opportunity to participate in a quality scientific conference, in which about 70 renowned speakers from around the world, will discuss current topics of great interest for professional practice.

The scientific program has various modalities, starting on March 16 and 17 with the workshops: Helping Babies Survive, Non-Communicable Diseases, Early Child Development, and Leadership Development for young pediatricians among others"

The 7 plenary sessions will be keynote addresses featuring world-renowned leaders, addressing key child and public health issues, that follow the focus areas of the IPA. They are:

- 1) **Sustainable Development Goals:** A right for every child everywhere
 - 2) **Every newborn:** Evidence for closing gaps for neonatal care around the world
 - 3) **Children in humanitarian setting;** a global priority
 - 4) **Every child surviving:** Addressing the unfinished agenda of infectious diseases
 - 5) **Every child thriving:** Accelerating progress to address the double burden of undernutrition and obesity
 - 6) **Genetics, the new Genomics and Child health**
 - 7) **From everychild to every adolescent**
- There will be a Meeting the Expert modality, with 20 experts discussing a range of topics of interest and practical utility for pediatricians in practice.. The participants will be able to interact with the speakers.
- Among the most outstanding are: Evaluation of children with recurrent infections; Update in Seizure management; Recent advances in neonatal ventilation; the influence of Technology in Child Development; HPV vaccine safety assessments; and Newborn screening for Genetic disorders, are just a few to mention.
- In the concurrent sessions, different aspects of a main theme will be discussed. There will be 15 concurrent, each with 3 topics, for a total of 45 sessions. Among the themes of interest are: Recent advances in Tuberculosis, HIV and Syphilis, Newborn Health and Survival, Meet the Editors,



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29th International Pediatric Association Congress

Emerging and Re-Emerging Infectious Diseases, the Importance of Human Milk, Recent advances in Childhood Immunizations, Every Child Development : the first 1000 days, Children with disabilities, learning disorders, and the autism spectrum
In this Congress, we have included a section known as Controversies, introducing 3 topics in total with the intention of discussing controversial topical issues from 2 perspectives.. The topics that will be discussed are:

1. Is the use of antibiotics necessary in the treatment of diarrhea?
2. Special formulas: Are they really useful? and
3. Is primary care something a Pediatrician or a General Physician should deliver?"

Pediatricians from around the world will have the opportunity to present their research papers and

compete for the selection of the best abstracts. Those attending the Congress will have the opportunity to review these works displayed as e-posters.

As in previous congresses, current issues in the Symposia Industry will be discussed.

We are confident that the World Congress of Pediatrics will meet the expectations of its attendees, and success will depend on the assistance of the largest number of pediatricians and health professionals who work for the well-being of their patients.

For registration please follow the link below of IPA 2019 Congress

<https://b-com.mci-group.com/CommunityPortal/Registration/IPA19.aspx>



IPA 2019

PARTNERSHIPS FOR CHILDREN
PANAMA CITY, PANAMA MARCH 17-21, 2019

**29TH INTERNATIONAL
PEDIATRIC ASSOCIATION
CONGRESS**



Iván Antonio Wilson
IPA 2019 Congress
Scientific Committee Co-Chair