



## International Clearinghouse for Birth Defects Surveillance and Research Monthly Newsletter

June 2019

Issue 2019-6

### 46<sup>th</sup> ICBDSR Annual Meeting

The 2019 ICBDSR Annual Meeting will take place in **Bratislava, Slovak Republic** from **September 8-11, 2019**. The meeting will be hosted by the Slovak Medical University in Bratislava, Faculty of Public Health.

**Abstracts Submission:** Interested colleagues are invited to submit abstracts for oral and/or poster presentation at the Scientific Sessions of the ICBDSR Annual Meeting, using the electronic abstract submission form available at <http://www.icbdsr.org/abstract-submission-2019-icbdsr-annual-meeting/>.

### Extended Deadline for submission of abstracts is June 15, 2019

After submitting an abstract, a confirmation e-mail message will be sent to the corresponding author. Submitted abstracts can be edited until June 15, 2019, using the link provided in the confirmation message. The Annual Meeting Committee will peer-review the abstracts and make the final decisions regarding acceptance of abstracts and designated presentation format. Email notification regarding acceptance of abstracts will be sent by June 30<sup>th</sup>, 2019.

Visit <http://www.icbdsr.org/46th-icbdsr-annual-meeting/> for travel information, link to hotel booking, registration fee, and social events.

**Hotel Reservations:** A block of rooms has been reserved at the Park Inn by Radisson Danube Bratislava (Hotel Danube - <https://www.parkinn.com/hotel-bratislava>) for meeting participants.

**Reservations** should be completed at this link, **by June 30, 2019**: [http://www.parkinn.com/booking-entrance?language=en&sitaCode=BTSPD&adults\\_room1=1&rooms=1&children\\_room1=0&arrival=07/09/2019&departure=13/09/2019&paccode=ICBDSR](http://www.parkinn.com/booking-entrance?language=en&sitaCode=BTSPD&adults_room1=1&rooms=1&children_room1=0&arrival=07/09/2019&departure=13/09/2019&paccode=ICBDSR)

**No cancellation fee** will be charged in the event of cancellation of your reservations.



### March 3<sup>rd</sup>, World Birth Defects Day - WBDD Movement

All WBDD Partner Organizations' representatives and interested colleagues are invited to attend the **WBDD meeting** planned for Sunday, September 8<sup>th</sup> (2:00 pm -6:00 pm) at the Park Inn by Radisson Danube Bratislava-Hotel Danube (the day before the ICBDSR Annual Meeting). ICBDSR welcomes all participants to attend the entire ICBDSR Annual Meeting.

#### **Join the WBDD as a Partner Organization**

by completing the online application form on the WBDD website  
<https://www.worldbirthdefectsday.org/application-form/>.

Follow @worldbdday on Twitter <https://twitter.com/WorldBDDay> and Instagram worldbdday <https://www.instagram.com/worldbdday/>

Join WBDD page on Facebook <https://www.facebook.com/WBDDay/>  
Visit WBDD website <https://www.worldbirthdefectsday.org/>

## **What's Going on Regarding Birth Defects: a selection from the recent literature**

*All readers are kindly invited to contribute to this section of the Newsletter, sending their suggestions to [centre@icbdsr.org](mailto:centre@icbdsr.org) by the 1<sup>st</sup> Friday of the month.*

### [Orofacial clefts in California: No decline in Alberta, Canada.](#)

Lowry RB, Crawford S, Bedard T, Sibbald B. Am J Med Genet A. 2019 Jun;179(6):1077-1079. doi:10.1002/ajmg.a.61136. Epub 2019 Mar 25. PubMed PMID: 30908857.  
Full text available on request at [centre@icbdsr.org](mailto:centre@icbdsr.org)

### [Prevalence rates of spina bifida in Alberta, Canada: 2001-2015. Can we achieve more prevention?](#)

Lowry RB, Bedard T, MacFarlane AJ, Crawford S, Sibbald B, Agborsangaya BC Birth Defects Res. 2019 Feb 1;111(3):151-158. doi:10.1002/bdr2.1438. Epub 2018 Dec 18. PubMed PMID: 30561844.  
Full text available on request at [centre@icbdsr.org](mailto:centre@icbdsr.org)

### [Isolated postaxial polydactyly: Epidemiologic characteristics from a multicenter birth defects study.](#)

Ortiz-Cruz G, Luna-Muñoz L, Arteaga-Vázquez J, Mutchinick OM. Am J Med Genet A. 2019 May 15. doi: 10.1002/ajmg.a.61193. [Epub ahead of print] PubMed PMID: 31091006.  
Full text available on request at [centre@icbdsr.org](mailto:centre@icbdsr.org)

### [OEIS complex: Prevalence, clinical, and epidemiologic findings in a multicenter Mexican birth defects surveillance program.](#)

Arteaga-Vázquez J, Luna-Muñoz L, Morales-Suárez JJ, Mutchinick OM. Birth Defects Res. 2019 May 1. doi: 10.1002/bdr2.1512. [Epub ahead of print] PubMed PMID: 31042330.  
Full text available on request at [centre@icbdsr.org](mailto:centre@icbdsr.org)

### [A systematic genetic analysis and visualization of phenotypic heterogeneity among orofacial cleft GWAS signals.](#)

Carlson JC, Anand D, Butali A, Buxo CJ, Christensen K, Deleyiannis F, Hecht JT, Moreno LM, Orioli IM, Padilla C, Shaffer JR, Vieira AR, Wehby GL, Weinberg SM, Murray JC, Beaty TH, Saadi I, Lachke SA, Marazita ML, Feingold E, Leslie EJ. Genet Epidemiol. 2019 Jun 6. doi: 10.1002/gepi.22214. [Epub ahead of print] PubMed PMID: 31172578.

### [Epidemiological characteristics of holoprosencephaly in China, 2007-2014: A retrospective study based on the national birth defects surveillance system.](#)

Yi L, Liu Z, Deng C, Li X, Wang K, Deng K, Mu Y, Zhu J, Li Q, Wang Y, Dai L. PLoS One. 2019 Jun 6;14(6):e0217835. doi: 10.1371/journal.pone.0217835. eCollection 2019. PubMed PMID: 31170204.

### [Epidemiology, prevention, diagnosis, treatment, and outcomes for psychosocial problems in patients and families affected by non-intellectually impairing craniofacial malformation conditions: a systematic review protocol of qualitative data.](#)

Poling MI, Dufresne CR. Syst Rev. 2019 May 27;8(1):127. doi: 10.1186/s13643-019-1045-1. PubMed PMID: 31133050.

### [First 12 Months of Life for Infants in New York City, New York, With Possible Congenital Zika Virus Exposure.](#)

Lee EH, Cooper H, Iwamoto M, Lash M, Connors EE, Bloch D, Clark S, Hrusa G, Kubinson H, Paladini M, McGibbon E, Rakeman JL, Fine AD, Limberger RJ, Liu D, Slavinski S; New York City Department of Health and Mental Hygiene Zika Working Group. J Pediatric Infect Dis Soc. 2019 May 24. pii: piz027. doi: 10.1093/jpids/piz027. [Epub ahead of print] PubMed PMID: 31125410.

[Long-term endocrine outcome of small for gestational age infants born to mothers with and without gestational diabetes mellitus](#)

Tendler Shorer D, Wainstock T, Sheiner E, Landau D, Pariente G. Gynecol Endocrinol. 2019 May 22:1-7. doi: 10.1080/09513590.2019.1616174. [Epub ahead of print] PubMed PMID: 31117838.

[A consensus statement on birth defects surveillance, prevention, and care in Latin America and the Caribbean.](#)

Zarante I, Hurtado-Villa P, Walani SR, Kancherla V, López Camelo J, Giugliani R, Groisman B, Howson CP, Durán P. Rev Panam Salud Publica. 2019 Feb 14;43:e2. doi: 10.26633/RPSP.2019.2. eCollection 2019. PubMed PMID: 31093226; PubMed Central PMCID: PMC6419921.

[Mode of delivery and mortality among neonates with gastroschisis: A population-based cohort in Texas](#)

Lopez A, Benjamin RH, Raut JR, Ramakrishnan A, Mitchell LE, Tsao K, Johnson A, Langlois PH, Swartz MD, Agopian AJ. Paediatr Perinat Epidemiol. 2019 May;33(3):204-212. doi: 10.1111/ppe.12554. Epub 2019 May 14. PubMed PMID: 31087678.

[Nation-wide failure of voluntary folic acid fortification of corn masa flour and tortillas with folic acid.](#)

Kancherla V, Averbach H, Oakley GP Jr. Birth Defects Res. 2019 May 13. doi: 10.1002/bdr2.1518. [Epub ahead of print] PubMed PMID: 31082001.

[Maternal Occupational Oil Mist Exposure and Birth Defects, National Birth Defects Prevention Study](#)

Siegel M, Rocheleau CM, Johnson CY, Waters MA, Lawson CC, Riehle-Colarusso T, Reefhuis J; National Birth Defects Prevention Study 1997-2011. Int J Environ Res Public Health. 2019 May 4;16(9). pii: E1560. doi:10.3390/ijerph16091560. PubMed PMID: 31060207.

[Risk factors for alcohol use among pregnant women, ages 15-44, in the United States, 2002 to 2017.](#)

Shmulewitz D, Hasin DS. Prev Med. 2019 Jul;124:75-83. doi: 10.1016/j.ypmed.2019.04.027. Epub 2019 May 1. PubMed PMID: 31054285.

[Metal nickel exposure increase the risk of congenital heart defects occurrence in offspring: A case-control study in China.](#)

Zhang N, Chen M, Li J, Deng Y, Li SL, Guo YX, Li N, Lin Y, Yu P, Liu Z, Zhu J. Medicine (Baltimore). 2019 May;98(18):e15352. doi: 10.1097/MD.00000000000015352. PubMed PMID: 31045777

## What's Going on Regarding Birth Defects: initiatives and announcements

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In the framework of the activities of **KAP – Knowledge Action Project** of WHO, the Community on Women and NCDs (Non Communicable Diseases) held its second webinar titled '**Integrating NCD care with pre-conception and maternal health services.**' The webinar discussed how NCD care can be integrated into maternal and sexual health services to improve health across the life-course.

The Community on Women and NCDs aims to promote gender equity and address the shift in the global burden on disease by looking at women and girls' health and well-being throughout the life-course. A recording of the webinar can be found [here](#).

KAP was launched by the **WHO Global Coordination Mechanism on Non Communicable Diseases (GDM/NCD)**. It is a community-driven platform for (NCDs information, interaction and inspiration). The KAP aims to create a community of connected individuals from various backgrounds and skill-sets to access knowledge and information, promote collaboration, and find the common goals to beat NCDs. New users can [sign up here](#) and begin connecting with like-minded individuals

## News from the ICBDSDR Centre, Executive Committee, and ICBDSDR Members

### 2019 Edition of the “Alessandra Lisi Award”

The ICBDSDR Executive Committee is pleased to announce the 2019 Edition of the “Alessandra Lisi Award”. This award was established in 2007, in memory of Alessandra Lisi, a young researcher at the ICBDSDR Centre from 2002 to 2006.

#### Eligibility requirements

- ✓ Active contribution to the epidemiology or surveillance of birth defects, preferably with an ICBDSDR full member program.
- ✓ Evidence of a promising research career and ongoing commitment to the field, as demonstrated by high quality publications in peer-reviewed journals, initiating or coordinating research projects, or obtaining funding for research in the field of birth defects epidemiology.

Candidates must be within seven years of the date from their last formal training in a field directly related to the disciplines of Birth Defects, Developmental Biology, Epidemiology, or Teratology (e.g. degree conferral, postdoctoral fellowship, residency program, etc.).

#### Application

The application should be sent electronically to [centre@icbdsr.org](mailto:centre@icbdsr.org) and describe in detail the candidate's accomplishments, date of the last formal training in a relevant discipline listed above, current research interests and projects, and why the nominator believes the candidate's career will promote knowledge of birth defects.

The application package should consist of the following items:

- ✓ A **letter of nomination** from a member of the ICBDSDR.
- ✓ A **second letter of reference** from another individual who is familiar with the candidate's research career.
- ✓ The candidate's **curriculum vitae**.
- ✓ **Up to three representative publications** of the candidate. The candidate is not required to be the first author on each publication, but it should be clear that he/she had a major role in the design and implementation of the research that led or is likely to lead to an advance in birth defects research.
- ✓ The candidate may supply a **summary of his/her research career** with a description of future research directions (optional).

At the discretion of the Awards Committee, additional information may be requested from the candidate. The winner will receive a plaque and a travel stipend to attend the ICBDSDR Annual Meeting. The award will be presented at the meeting, during which the awardee will present his/her research on birth defects.

#### Timeline:

**June 30<sup>th</sup>**: Deadline for submitting application

**July 15<sup>th</sup>**: Notification of the winner

**September 9<sup>th</sup>**: Award winner will give his/her presentation at the ICBDSDR Annual Meeting in Bratislava, Slovak Republic. Full information on the Award and past Awardees is available at <http://www.icbdsr.org/alessandra-lisi-award/>.

### Online Self-Paced Course on Birth Defect Surveillance and Prevention

The online course remains available for interested professionals. The course has been developed by the International Centre on Birth Defects (ICBD – ICBDSDR Centre) and supported, in part, by funding from the National Center on Birth Defects and Developmental Disabilities, US Centers for Disease Control and Prevention, through Agreement 2016-2017 with the Task Force for Global Health. The course is designed for clinicians, epidemiologists, public health professionals, and anyone interested in understanding birth defects and improving their prevention and care. The course includes videos, quizzes, a discussion forum, and publications/resources. It is available in English and Spanish. To date, 165 applicants from 41 countries have participated in the course. Further information is available at <http://www.icbdsr.org/online-self-paced-course-on-birth-defect-surveillance-and-prevention/>. The registration form is available at [www.icbdsr.org/course-](http://www.icbdsr.org/course-)

[registration](#). Once registered, you will receive an email with guidance on how to register by yourself in the course platform [www.icbdsrtraining.org](http://www.icbdsrtraining.org) and how to self-enroll in the self-paced course in either English or Spanish.

## Meetings and Conferences

**ECPCA – European Cleft Palate Craniofacial Association**, June 12-15, 2019, Utrecht, The Netherlands. Theme of the congress is *“Future perspectives in research & therapy”*. <http://ecpca.eu/>

**Annual Meeting of the Society for Epidemiology Research (SER)**, June 18-21, 2019, Minneapolis, Minnesota. The SER holds an annual meeting in June of each year. The purpose of the annual meeting is to bring together epidemiologists from all stages of their career trajectory—from trainees to senior scientists. <https://epiresearch.org/annual-meeting/2019-meeting/>

**59<sup>th</sup> Annual Meeting of the Teratology Society**, June 22–26, 2019, San Diego, California, US. The theme for the meeting is *“Sea Changes in Birth Defects Research and Prevention”*. The program offers an exciting variety of scientific sessions, and three workshops will be offered: Current Topics and Updates for Pregnancy Registries, Multidisciplinary Research Needs, and Irresponsible Conduct of Research: What Happens When Things Go Wrong. <http://teratology.org/meetings/2019/>

**3<sup>rd</sup> Congress of Joint European Neonatal Societies**, September 17-21, 2019, Maastricht, The Netherlands. <https://www.mcascentificevents.eu/jens/>

**Shaping the Future in Pediatrics**, October 2-4, 2019, Rome (Italy).

Main Conference topics: Advances in clinical pediatrics and precision medicine; Artificial intelligence in the clinic; Building the hospital of the future; Digital therapies and digital communication for pediatrics; Startup pitch for pediatrics. <https://www.mcascentificevents.eu/shapepediatrics/>

**2<sup>nd</sup> International Comprehensive Cleft Care Workshop: Education for Sustainable Cleft Care**, October 16-18, 2019. Hilton Lima Miraflores, Lima, Peru. <https://cleftworkshop.org/>

**9<sup>th</sup> International Conference on Birth Defects and Disabilities in the Developing World (ICBD 2019)** – *“Health for all: Accelerate Efforts for Birth Defects Prevention and Care”*. October 23-26, 2019, Colombo, Sri Lanka. <https://slma.lk/icbd2019/abstracts/>

**13<sup>th</sup> Asia Pacific Conference on Human Genetics**, November 7-9, 2019, Makati Shangri-la Manila, Philippines. The theme of the conference is *“Advancing Translational Medicine and Collaborations in Genomics.”* This conference will bring together an outstanding community of faculty, scientists, researchers, and students from the Asia Pacific region and different parts of the world. Deadline of early bird registration is on July 7, 2019. You may register [here](#).