



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

July 2019

Issue 2019-7

### 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 Faculty of Public Health, Slovak Medical University in Bratislava.

34 abstracts have been submitted to the Scientific Sessions of the meeting, 20 selected as oral presentations and 14 as poster presentations. Authors have been informed about the acceptance of their abstract. The final agenda for the meeting is under preparation.

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



### World Birth Defects Day - WBDD Movement

WBDD Partner Organization 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 - 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.*

Zhang N, Chen M, Li J, Deng Y, Li SL, Guo YX, Li N, Lin Y, Yu P, Liu Z, Zhu J. [Metal nickel exposure increase the risk of congenital heart defects occurrence in offspring: A case-control study in China.](#) *Medicine* (Baltimore). 2019May;98(18):e15352. doi: 10.1097/MD.00000000000015352. PubMed PMID: 31045777; PubMed Central PMCID: PMC6504320.

Fourdain S, St-Denis A, Harvey J, Birca A, Carmant L, Gallagher A, Trudeau N; CINC team. [Language development in children with congenital heart disease aged 12-24 months](#). Eur J Paediatr Neurol. 2019 May;23(3):491-499. doi:10.1016/j.ejpn.2019.03.002. Epub 2019 Mar 15. PubMed PMID: 30954376.

Lee H, Kayano T, Nishiura H. [Predicting congenital rubella syndrome in Japan, 2018-2019](#). Int J Infect Dis. 2019 May;82:1-5. doi: 10.1016/j.ijid.2019.02.021. Epub 2019 Feb 23. PubMed PMID: 30807870.

Hautala J, Gissler M, Ritvanen A, Tekay A, Pitkänen-Argillander O, Stefanovic V, Sarkola T, Helle E, Pihkala J, Pätilä T, Mattila IP, Jokinen E, Räsänen J, Ojala T. [The implementation of a nationwide anomaly screening programme improves prenatal detection of major cardiac defects: an 11-year national population-based cohort study](#). BJOG. 2019 Jun;126(7):864-873. doi: 10.1111/1471-0528.15589. Epub 2019 Jan 25. PubMed PMID: 30576052.

Alanen J, Leskinen M, Sairanen M, Korpimäki T, Kouru H, Gissler M, Ryyänen M, Nevalainen J. [Fetal nuchal translucency in severe congenital heart defects: experiences in Northern Finland](#). J Matern Fetal Neonatal Med. 2019 May;32(9):1454-1460. doi: 10.1080/14767058.2017.1408067. Epub 2017 Dec 3. PubMed PMID: 29157037.

Minami SB, Nara K, Mutai H, Morimoto N, Sakamoto H, Takiguchi T, Kaga K, Matsunaga T. [A clinical and genetic study of 16 Japanese families with Waardenburg syndrome](#). Gene. 2019 Jul 1;704:86-90. doi:10.1016/j.gene.2019.04.023. Epub 2019 Apr 10. PubMed PMID: 30978479.

Jiajin L, Shuyan C, Ying W, Junxiao C, Xiudi W. [Genetic polymorphisms in folate metabolism as risk for Down syndrome in the southern China](#). J Matern Fetal Neonatal Med. 2019 Jun;32(12):2030-2035. doi: 10.1080/14767058.2018.1424818. Epub 2018 Jan 17. PubMed PMID: 29343135.

Luz GDS, Karam SM, Dumith SC. [Congenital anomalies in Rio Grande do Sul State: a time series analysis](#). Rev Bras Epidemiol. 2019;22:e190040. doi:10.1590/1980-549720190040. Epub 2019 Apr 29. Portuguese, English. PubMed PMID:31038573.

Denny CH, Acero CS, Naimi TS, Kim SY. [Consumption of Alcohol Beverages and Binge Drinking Among Pregnant Women Aged 18-44 Years - United States, 2015-2017](#). MMWR Morb Mortal Wkly Rep. 2019 Apr 26;68(16):365-368. doi:10.15585/mmwr.mm6816a1. PubMed PMID: 31022164; PubMed Central PMCID: PMC6483284.

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

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## Knowledge Action Portal (KAP) on non communicable disease - WHO

A video archive, located within the KAP news and events section, houses a range of webinar recordings, campaign videos, and other NCD-related video resources

Find the KAP video archive through the following steps:

1. Visit: [www.who.int/kap](http://www.who.int/kap)
2. Click the menu bar (found in the upper left-hand corner of the page) and select the 'News and Events' tab. and select the Video archive.
3. Explore the short description and video embed. If applicable, click the external link to access more information.
4. If desirable, select another tab from the list or continue to enjoy exploring another section of the KAP.

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. The KAP is now available in all 6 of the official UN languages: Arabic, English, French, Mandarin, Russian, and Spanish.

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

The collaborative paper on “Prenatal diagnosis and prevalence of critical congenital heart defects: an international retrospective cohort study” is now published online at BMJ Open, see <https://bmjopen.bmj.com/content/9/7/e028139.full>

*Bakker MK, Bergman JEH, Krikov S, et al. Prenatal diagnosis and prevalence of critical congenital heart defects: an international retrospective cohort study. BMJ Open 2019;9:e028139. doi: 10.1136/bmjopen-2018-028139*

The project Wei Luo (Canada) presented at the ICBDSR Annual Meeting in 2018 has just been published in Environment International, see <https://authors.elsevier.com/sd/article/S0160412019311080>

*Éric Lavigne, Isac Lima, Marianne Hatzopoulou, Keith Van Ryswyk, Mary Lou Decou, Wei Luo, Aaron van Donkelaar, Randall V. Martin, Hong Chen, David M. Stieb, Eric Crighton, Antonio Gasparrini, Michael Elten, Abdool S. Yasseen III, Richard T. Burnett, Mark Walker, Scott Weichenthal. Spatial variations in ambient ultrafine particle concentrations and risk of congenital heart defects. Environnement International 2019 Jul 1;130:104953. doi: 10.1016/j.envint.2019.104953. [Epub ahead of print]*

## 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 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-registration](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

**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/>

**RESCHEDULED: 9<sup>th</sup> International Conference on Birth Defects and Disabilities in the Developing World (ICBD 2019) has been rescheduled to March 2020.** Await further details.

**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](#).

**28<sup>th</sup> International Conference on Clinical Pediatrics**, April 15-16, 2020 London, UK . Theme: Enlightening the New Horizons in Clinical Pediatrics. <https://clinicalpediatrics.conferenceseries.com/>