



International Clearinghouse for Birth Defects Surveillance and Research Monthly Newsletter

August 2019

Issue 2019-8

46th 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.

The final agenda for the meeting is available at <http://www.icbdsr.org/46th-icbdsr-annual-meeting/> Please contact centre@icbdsr.org for additional information.



World Birth Defects Day - WBDD Movement

WBDD Partner Organization representatives and interested colleagues are invited to attend the **WBDD meeting**, planned for Sunday, September 8th (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 WBDD meeting 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 by the 1st Friday of the month.

Benjamin RH, Yu X, Navarro Sanchez ML, Chen H, Mitchell LE, Langlois PH, Canfield MA, Swartz MD, Scheuerle AE, Scott DA, Northrup H, Schaaf CP, Ray JW, McLean SD, Lupo PJ, Agopian AJ. [Co-occurring defect analysis: A platform for analyzing birth defect co-occurrence in registries](#). Birth Defects Res. 2019 Jul 16. doi: 10.1002/bdr2.1549. [Epub ahead of print] PubMed PMID: 31313535.

Manotas M, Sarmiento K, Ibañez-Morantes A, Suárez-Obando F, Gelvez N, López G, Ayala-Ramírez P, Angel J1, Prieto J, Tamayo N, Puentes S, Rodríguez C, Tamayo ML, Zarante I.

[Risk factors associated with congenital defects that alter hearing or vision in children born in the city of Bogotá between 2002 and 2016](#). Int J Pediatr Otorhinolaryngol. 2019 Jul 19;126:109594. doi: 10.1016/j.ijporl.2019.109594. [Epub ahead of print]

Dixon M, Kancherla V, Magana T, Mulugeta A, Oakley GP Jr. [High potential for reducing folic acid-preventable spina bifida and anencephaly, and related stillbirth and child mortality, in Ethiopia](#). Birth Defects Res. 2019 Aug 19. doi:10.1002/bdr2.1584. [Epub ahead of print] Review. PubMed PMID: 31424635.

Klungsoyr K, Nordtveit TI, Kaastad TS, Solberg S, Sletten IN, Vik AK. [Epidemiology of limb reduction defects as registered in the Medical Birth Registry of Norway, 1970-2016: Population based study](#). PLoS One. 2019 Jul 17;14(7):e0219930. doi: 10.1371/journal.pone.0219930. eCollection 2019. PubMed PMID: 31314783; PubMed Central PMCID: PMC6636750.

Motoki N, Inaba Y, Shibasaki T, Misawa Y, Ohira S, Kanai M, Kurita H, Nakazawa Y, Tsukahara T, Nomiya T; Japan Environment & Children's Study (JECS) Group. [Maternal Exposure to Housing Renovation During Pregnancy and Risk of Offspring with Congenital Malformation: The Japan Environment and Children's Study](#). SciRep. 2019 Aug 9;9(1):11564. doi: 10.1038/s41598-019-47925-8. PubMed PMID:31399615; PubMed Central PMCID: PMC6689001.

Lebov JF, Arias JF, Balmaseda A, Britt W, Cordero JF, Galvão LA, Garces AL, Hambidge KM, Harris E, Ko A, Krebs N, Marques ETA, Martinez AM, McClure E, Miranda-Filho DB, Moreira MEL, Mussi-Pinhata MM, Ochoa TJ, Osorio JE, Scalabrin DMF, Schultz-Cherry S, Seage GR 3rd, Stolka K, Ugarte-Gil CA, Vega CMV, Welton M, Ximenes R, Zorrilla C. [International prospective observational cohort study of Zika in infants and pregnancy \(ZIP study\): study protocol](#). BMC Pregnancy Childbirth. 2019 Aug 7;19(1):282. doi: 10.1186/s12884-019-2430-4. PubMed PMID:31391005; PubMed Central PMCID: PMC6686399.

Auger N, Little J, Arbour L, Bilodeau-Bertrand M, Mayrand MH. [Future risk of cancer in women who have children with birth defects](#). Ann Epidemiol. 2019 Jul 12. pii: S1047-2797(19)30231-5. doi: 10.1016/j.annepidem.2019.07.009. [Epub ahead of print] PubMed PMID: 31387776.

Coi A, Santoro M, Garne E, Pierini A, Addor MC, Alessandri JL, Bergman JEH, Bianchi F, Boban L, Braz P, Cavero-Carbonell C, Gatt M, Haeusler M, Klungsoyr K, Kurinczuk JJ, Lanzoni M, Lelong N, Luyt K, Mokoroa O, Mullaney C, Nelen V, Neville AJ, O'Mahony MT, Perthus I, Rankin J, Rissmann A, Rouget F, Schaub B, Tucker D, Wellesley D, Wisniewska K, Zymak-Zakutnia N, Barišić I. [Epidemiology of achondroplasia: A population-based study in Europe](#). Am J Med Genet A. 2019 Sep;179(9):1791-1798. doi: 10.1002/ajmg.a.61289. Epub 2019 Jul 11. PubMed PMID:31294928.

Bérard A, Sheehy O, Gorgui J, Zhao JP, Soares de Moura C, Bernatsky S. [Medications for nausea and vomiting of pregnancy and the risk of birth defects](#). J Clin Epidemiol. 2019 Jul 25. pii: S0895-4356(18)31064-3. doi: 10.1016/j.jclinepi.2019.07.014. [Epub ahead of print] PubMed PMID: 31352006.

Pace ND, Siega-Riz AM, Olshan AF, Chescheir NC, Cole SR, Desrosiers TA, Tinker SC, Hoyt AT, Canfield MA, Carmichael SL, Meyer RE; National Birth Defects Prevention Study. [Survival of infants with spina bifida and the role of maternal prepregnancy body mass index](#). Birth Defects Res. 2019 Jul 19. doi:10.1002/bdr2.1552. [Epub ahead of print] PubMed PMID: 31322328.

Bruckner TA, Singh P, Lelong N, Khoshnood B. [Down syndrome among primiparae at older maternal age: A test of the relaxed filter hypothesis](#). Birth Defects Res. 2019 Jul 18. doi: 10.1002/bdr2.1553. [Epub ahead of print] PubMed PMID:31321913.

Awa HDM, Mvondo RMN, Nguéfac S, Messanga CB, Ndombo POK. [Rare diseases and their clinical oral manifestations in two Hospitals in Yaoundé](#). Pan Afr Med J. 2019 Apr 22;32:195. doi: 10.11604/pamj.2019.32.195.14684. eCollection 2019. French. PubMed PMID: 31312307; PubMed Central PMCID: PMC6620069.

Santoro M, Coi A, Barišić I, Garne E, Addor MC, Bergman JEH, Bianchi F, Boban L, Braz P, Cavero-Carbonell C, Gatt M, Haeusler M, Kinsner-Ovaskainen A, Klungsoyr K, Kurinczuk JJ, Lelong N, Luyt K, Materna-Kiryluk A,

Mokoroa O, Mullaney C, Nelen V, Neville AJ, O'Mahony MT, Perthus I, Randrianaivo H, Rankin J, Rissmann A, Rouget F, Schaub B, Tucker D, Wellesley D, Yevtushok L, Pierini A. [Epidemiology of Dandy-Walker Malformation in Europe: A EUROCAT Population-Based Registry Study](#). Neuroepidemiology. 2019 Jul 12:1-11. doi: 10.1159/000501238. [Epub ahead of print] PubMed PMID: 31302658.

Nalbandyan M, Howley MM, Cunniff CM, Romitti PA, Browne ML; National Birth Defects Prevention Study. [Descriptive and risk factor analysis of nonsyndromic sacral agenesis: National Birth Defects Prevention Study, 1997-2011](#). Am J Med Genet A. 2019 Sep;179(9):1799-1814. doi: 10.1002/ajmg.a.61290. Epub 2019 Jul 11. PubMed PMID: 31294918.

Benjamin RH, Ethen MK, Canfield MA, Hua F, Mitchell LE. [Association of interpregnancy change in body mass index and spina bifida](#). Birth Defects Res. 2019 Jul 10. doi: 10.1002/bdr2.1547. [Epub ahead of print] PubMed PMID: 31291065.

Robinson R, Stavsky M, Yitshak Sade M, Krymko H, Slanovic L, Novack V, Atar Vardi M, Broides A, Levitas A. [Risk factors for congenital heart defects in two populations residing in the same geographic area: a long-term population-based study, Southern Israel](#). Cardiol Young. 2019 Jul 9:1-5. doi:10.1017/S1047951119001409. [Epub ahead of print] PubMed PMID: 31287039.

Le MT, Shumate CJ, Hoyt AT, Wilkinson AV, Canfield MA. [The prevalence of birth defects among non-Hispanic Asian/Pacific Islanders and American Indians/Alaska Natives in Texas, 1999-2015](#). Birth Defects Res. 2019 Jul 1. doi:10.1002/bdr2.1543. [Epub ahead of print] PubMed PMID: 31264390.

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

All readers are kindly invited to contribute to this section of the Newsletter, sending their suggestions to centre@icbdsr.org by the 1st Friday of the month.

The **UK Government** and devolved administrations are seeking views on the **proposal to introduce mandatory fortification of flour with folic acid**. This is to help reduce neural tube defects (NTDs) in fetuses by raising the folate levels of women who could become pregnant. An open consultation has been launched at <https://www.gov.uk/government/consultations/adding-folic-acid-to-flour/proposal-to-add-folic-acid-to-flour-consultation-document>. The consultation ends on September 13, 2019

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

The ICBDSR collaborative paper on **“Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980-2010”** is now published in European Journal of Urology:

Yu X, Nassar N, Mastroiacovo P, Canfield M, Groisman B, Bermejo-Sánchez E, Ritvanen A, Kiuru-Kuhlefelt S, Benavides A, Sipek A, Pierini A, Bianchi F, Källén K, Gatt M, Morgan M, Tucker D, Canessa MA, Gajardo R, Mutchinick OM, Szabova E, Csáky-Szunyogh M, Tagliabue G, Cragan JD, Nembhard WN, Rissmann A, Goetz D, Bower C, Baynam G, Lowry RB, Leon JA, Luo W, Rouleau J, Zarante I, Fernandez N, Amar E, Dastgiri S, Contiero P, Martínez-de-Villarreal LE, Borman B, Bergman JEH, de Walle HEK, Hobbs CA, Nance AE, Agopian AJ. [Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980-2010”](#) Eur Urol. 2019 Jul 9. pii: S0302-2838(19)30517-2. doi: 10.1016/j.eururo.2019.06.027. [Epub ahead of print] PubMed PMID: 31300237.

42nd Annual Meeting of the Spanish Collaborative Study of Congenital Malformations, and Update Course on Birth Defects Research

Place: Córdoba (Spain)

Date: October 17-19, 2019.

Scientific program: <http://www.fundacion1000.es/IMG/pdf/-64.pdf>

Registration: <http://www.fundacion1000.es/IMG/pdf/-63.pdf>

Language: Spanish.

Deadline for abstracts of Scientific communications (poster): September 15, 2019

More Information: <http://www.fundacion1000.es/Reunion-Anual-del-ECEMC-October,253>

Don't miss it!

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, 174 applicants from 42 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. Once registered, you will receive an email with guidance on how to register by yourself in the course platform www.icbdsrtraining.org and how to self-enroll in the self-paced course in either English or Spanish.

Meetings and Conferences

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

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

9th International Conference on Birth Defects and Disabilities in the Developing World (ICBD 2020) February 23-26, 2020. Colombo, Sri Lanka. <http://icbd.marchofdimes.org/>

13th 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](#).

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