

Minutes

Join The Network meeting 15th October 2020

EUPHA section on Public Health Genomics

Welcome

The session started at 5.00 pm (CET time) on October 15th, 2020 via Zoom teleconference platform. A total of 11 people attended the Join The Network meeting of the Public Health Genomics Section (EUPHA-PHG).

Agenda

- About the Section
- Aims of the Section for 2021
- Workshop and other activities
- Inputs from meeting participants

About the section

The section currently includes 721 section members from different fields and experiences but all interested in Public Health Genomics.

The President of the Section is Professor Roza Adany from the Debrecen University, Hungary and the Vice-President is Dr. Roberta Pastorino from the Catholic University of Rome – Policlinico A. Gemelli

Aims of the section for 2021

The aims of this section for the next year are to:

- to promote and strengthen research in the field of Public Health Genomics
- to encourage joint activities in the field of Public Health Genomics and collaborations with other EUPHA sections (EPI Section, Digital and Health Promotion Sections). The integration of genomic knowledge and technologies into healthcare, in fact, is revolutionizing the way we approach clinical and public health practice
- to develop and promote strategies to influence national, European and global policy-making in the field of Public Health Genomics

WORKSHOP 2020 and Other activities

For the 16th World Congress on Public Health 2020 the workshop proposal of the Section (proposed in collaboration with the 'Ethics in public health' Section) was not accepted. The proposal was entitled: “Improvement of risk estimation and risk communication of non-communicable diseases”.

In the proposed workshop the following presentations and speakers were indicated:

- Increased genetic susceptibility to atherosclerosis and thrombosis among Roma (Róza Ádány)
- How genetics and epigenetics can improve cardiovascular risk prediction: examples from the Moli-sani and Moli-family studies (Francesco Gianfagna)
- Integrating China in the International Consortium for Personalised Medicine (Stefania Boccia)
- Challenges of Direct-to-Consumer Genetic Tests – Results from a Mixed Method Research (Ilda Hoxhaj)
- The Section was involved in the workshop organized by the Epidemiology Section “*Harnessing the digital transformation of disease prevention: a focus on m-health and genomics?*” (with Digital Health (EUPHA-DH), and Health Promotion (EUPHA-HP) Sections). The workshop was chaired by Roza Adany and Anna Odone (Public Health Genomics and Digital Health Sections). It was introduced by Stefania Boccia, and

made up of different valuable presentations from renowned panelists: Anant Jani, Value Based Healthcare Programme, Department of Primary Health Care Sciences, University of Oxford, UK; Giordano Bottà, Allelica, Italy; Mark Kroese, Consultant in Public Health Medicine/Director, PHG Foundation, University of Cambridge, UK; and Vasileios Nittas, Epidemiology, Biostatistics and Prevention Institute, University of Zurich, Switzerland.

- Different surveys, meetings and projects organized by Prof Adany have been presented:
 - A meeting on COVID 19 pandemic was organized by the EUPHA member Hungarian Association of Public Health Training and Research Institutes (HAPHI) was held in Budapest on 31 August, 2020 on which the opening lecture was given by the Deputy Director-General of the WHO, Zsuzsanna Jakab.
 - Results of the Hungarian survey carried out in the first half of May, 2020 on the prevalence of COVID infection and post-infection conditions (i.e. the frequency of PCR and serological positivity) in the Hungarian population were also introduced. Blood samples are stored from the survey that is available for genomic studies if they appear justified.
- Key publications and contributions on the PHG fields have been presented:
 - Boccia S, Pastorino R, Ricciardi W, Ádány R, Barnhoorn F, Boffetta P, Cornel MC, De Vito C, Gray M, Jani A, Lang M, Roldan J, Rosso A, Sánchez JM, Van Dujin CM, Van El CG, Villari P, Zawati MH. How to Integrate Personalized Medicine into Prevention? Recommendations from the Personalized Prevention of Chronic Diseases (PRECeDI) Consortium. Public Health Genomics. 2019;22(5-6):208-214. doi: 10.1159/000504652. Epub 2019 Dec 5. PMID: 31805565.

- Delatycki MB, Alkuraya F, Archibald A, Castellani C, Cornel M, Grody WW, Henneman L, Ioannides AS, Kirk E, Laing N, Lucassen A, Massie J, Schuurmans J, Thong MK, van Langen I, Zlotogora J. International perspectives on the implementation of reproductive carrier screening. *Prenat Diagn.* 2020 Feb;40(3):301-310.
- Dombrádi V, Pitini E, van El CG, Jani A, Cornel M, Villari P, Gray M, Bíró K. Value-based genomic screening: exploring genomic screening for chronic diseases using triple value principles. *BMC Health Serv Res.* 2019 Nov 11;19(1):823.
- Book: *Personalized Health Care: Fostering Precision Medicine Advancements for Gaining Population Health Impact.* (Editors: Stefania Boccia, Roberta Pastorino, Róza Ádány, Paolo Villari, Martina C. Cornel, Corrado De Vito)

Participants' inputs: Ideas for workshop, pre-conference courses and EUPHA activities next year, 2021

- Covid-19 and genetic epidemiology
- Genomic susceptibility to NCDs