



C-HPP PIC minutes, October 19, 2020

Held virtually at the start of HUPO CONNECT.

Gilbert Ommen: Happy of so many accomplishment. New directions ushc as RNA binding proteins, proteogenomics for target. Special Virtual Issue of C-HPP and biological application and mass spectrometry.

Ed Nice: Special issue in Nature Communication for proteomics. Expert Reviews of Proteomics there is an invitation to write reviews (Ed Nice will like to do that).

Donald Ap: from MCP invitation on personal reflection on the past decade.

Russia Workshop, Elena: Thanks to organize Russian Workshop on site and virtual, but it needed to be canceled and would be glad to mee you in Busan Korea.

Young-Ki: Busan Meeting is on prepration for AO-HUPO, but we need to wait few months to see whats happening with the health world crisis to be organized in 2021.

Yuju: AO-HUPO organization is going well, but is in stage of organisation.

MP50 and CP50: Labs are still virtuals mainly or working in security and mainly working with wet lab projects. It will be a slow year. 14 teams are working with next CP50. YK propose the extention with 2021 to 2024, because of Corona pandemic, and protein function characterisation require lot of efforts, resources and time. There was a survey to asses the status of the teams and most of the teams agreed with extension to December 2024. CO seconded this. GO encourage to use computational work to find function to PE1. 2024 is needed as the wetlab proof are slow and difficult. LL suggest to ask more and more people to try to use predictive bioinformatics software for protein function prediction and assess their performance. Experimental approach to try family of proteins or 10 proteins is not easy as well as each proteins may have different functions and require dedicated studies. YK suggest to finish up the pilot phase for few selected proteins. GO instead of protein families start with definition of functional systems. YK is starting to make knock-out animals and clones, which can be sent to PI to perform the analysis.

PIC accepted to extend CP50 pilot phase until December 2024.

Chris Overall: 60 papers of 10 years of **C-HPP in Virtual Issue in JPR**. Re HPP 2020 JPR special issue 5 accepted, 2 rejected, 5 awaiting for resubmission and 4 late submissions. Few submission due to the pandemic. Please resubmit papers next week as making the publication date is lot of work.

Elections: Charles Pineau and Andrea Urbani nominated being HPP chair 2020-2021, but Charles was voted as new leader (HPP chairs). There is a need for co-chair. Please think about the co-chair nomination and send the candidates until mid-November. Advertisement trrough HUPO and HUPOST. C-HPP Co-Chair (position LL): only LL was nomination and she was voted to be co-chair for another term (2021-2023).

LL future of nextprot: little funding, which needs to reduce every 4 years and there will be less funding. Now funding is sufficient 3 positions and would be difficult to maintain the level of support for HUPO. It would be very helpful to found money to maintain the same level of support for HUPO. CO is looking for solution to look for funding for nextProt. 7 positions is quite comfortable to develop neXtProt, now it is 6 persons working for nextprot. securing 1 or 2 positions from 2022 would make possible nextprot funding. 100 kSF would needed per year to maintain the activity levels (only doing



metric data and HPP stuffs), but now it is not possible politically to argue that Switzerland will pay for this.

Changing leadership for chr 21/22: CO reached out PIs of these teams, approaching B/D-teams to take over. Fernando is actively investigating this. These are small chromosomes, we have a rule to get one country for each chromosome. US is already taken, UK could be a good idea, but Brexit may make things difficult. C-HPP Workshop will be the next PIC meeting on Monday in Stockholm. YK: advertising the free positions at HUPOST. It is yet on the C-HPP webpage, but should go to HUPOST after HUPO Connect.

Future of (C-)HPP, physiology is missing (CP). Chromosome based division is still give the best link, but weak link exists between C-HPP and B/D-HPP but C-HPP stays a cataloging exercise. Digging into the datasets and coming up with a hypothesis with the function of proteins. Yuju