OPEN WEBINAR ON LAUNCH OF ICAR PARENTAGE DISCOVERY CERTIFICATION SERVICES

Thursday, JUNE 2nd, 2022

Presented by: Brian Van Doormaal, Chair of the ICAR DNA Working Group

Participation: Open in-person participation or by remote access via a Zoom meeting

- Time 8.00AM – 9.00AM (Montreal time)
- In-person, the meeting will be held on MONTREAL 1
- **URL for registration for remote participation by Zoom**: https://us02web.zoom.us/webinar/register/WN_pofx4kAMTpafAa-60s0Qtg

Purpose

The purpose of this webinar is the presentation of the principles and procedures to follow by organizations seeking ICAR accreditation for Parent Discovery services. Such accreditation may be desired by various types of organizations offering parentage analysis services, of which some may wish also opt to subsequently participate in the genotype exchange services offered by the Interbull Centre via the GenoEx-PSE services.

Background

Presently, no international guidelines exist for organizations to carry out parentage discovery even though most, if not all, genetic evaluation service providers have developed such processes internally. The same is true for some genotyping laboratories that offer parentage analysis services.

As with parentage verification, the accuracy of parentage discovery is improved as the number of SNP included increases. For the GenoEx-PSE service, a list of 554 SNP has been defined for the genotype exchange involving service users that have been accredited by ICAR for this level of parentage analysis and have agreed to upload these SNP to the GenoEx-PSE database at the Interbull Centre, which is the requirement for downloading the same. These 554 SNP include the 200 SNP recommended by ISAG for parentage verification in cattle as well as an additional group of 354 SNP.

Target Audience

Managers and technicians of any organization in the ICAR and/or Interbull community interested in offering SNP-based parentage analysis services, which includes parentage verification as well as parentage discovery.