Event metadata

Event title	Genomic data - improving discovery and access management
Event type	Webinar
Date of event	14/06/2023
Time of event	1pm AEST
Topic description	Australian human genome initiatives are generating vast amounts of human genome data to understand the cause of complex diseases, improve diagnosis / early disease detection and identify tailored treatment options. To achieve this, genomic data needs to be compared between multiple individuals and cohorts, often across efforts/jurisdictions, at national or global scales, and requires the genomic data to be findable, searchable, shareable, and linkable to analytical capabilities. The Human Genome Platform Project aims to make it as easy as possible to securely and responsibly share human genome research data nationally and internationally. The project is building a 'services toolbox' that combines best practice technologies in human genome data sharing. In this webinar the project team will discuss three important aspects of human genomic data sharing i) discovery of genomic cohorts and the GA4GH Beacon protocol that enables this functionality across multiple sites ii) streamlining of data access request management; the Garvan will share experience using the Resource Entitlement Management System (REMS) software package. iii) community management functionality of CILogon and
Format description	Webinar presentation followed by a brief question and answer session
Identifier(s)/URL	https://www.biocommons.org.au/events/hgpp-webinar

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Keywords	Bioinformatics http://edamontology.org/topic_0091 Genomics http://edamontology.org/topic_0622 Data Security http://edamontology.org/topic_3263 Data Access Management Human Genomics
Contact	training@biocommons.org.au
Audience	This webinar is for people who are interested in implementation of a similar system for secure and responsible data sharing whether that be for genomics or other applications.
Prerequisites	None
Technical requirements	None

Learning outcomes	By the end of this webinar you should be able to:
	
	    i) outline how the GA4GH Beacon protocol enables discovery of genomic cohorts across multiple sites
	    ii) describe the Garvan's experience of streamlining of data access request management.
	    iii) outline the community management functionality of CILogon

Speakers	Jess Holliday, Program Manager - Human Genome Informatics, Australian BioCommons Dr Andrew Patterson, Human Genomics Data Technology Lead, University of Melbourne Mustafa Syed, Bioinformatics System Integration Manager, Children's Cancer Institute Associate Professor Sarah Kummerfeld, Director - Data Science, Garvan Institute of Medical Research
Related material	None