

ClinGen Variant Curation Training, Level 1

Version 1, Approved: January 17, 2019

Level 1 variant curation training aims to familiarize variant biocurators with general variant assessment information and ClinGen procedures/resources. This information applies to all biocurators, regardless of the variant curation expert panel (VCEP) they ultimately join.

Level 1 Training Modules

All materials can be accessed via this page:

<https://www.clinicalgenome.org/curation-activities/variant-pathogenicity/training-materials/>

- **Required**
 - Read the current ACMG/AMP sequence variant interpretation guideline (Richards et al. 2015)
 - Read the ClinGen Variant Curation SOP. This document contains all current general Sequence Variant Interpretation Working Group (SVI) recommendations
 - Watch video on literature searching for variant curation
 - Watch video on registering alleles with ClinGen allele registry
 - Attend one live 90 minute web conference
 - ~60 minutes will be a VCI tutorial
 - ~30 minutes will be available for questions, including questions on any of the other training materials
 - Note: Attendance for this web conference will be recorded via a survey link that will be displayed at the beginning and end of the call. You **MUST** fill out this attendance survey in order to receive credit for this event and to an attestation form (see below).
- **Optional**
 - Watch variant curation overview lecture presented by Steven Harrison at the 2018 "Interpreting Genomes for Rare Disease" workshop hosted by the Broad
 - Read the VCI Help Document

Once all steps are completed, the biocurator will receive an attestation form to fill out. The attestation form will be kept in a personalized folder within ClinGen's "Variant Curation" Google drive. Variant biocurators will receive a link to their personal folder upon completion of Level 1 training and will then receive instructions for Level 2 training.