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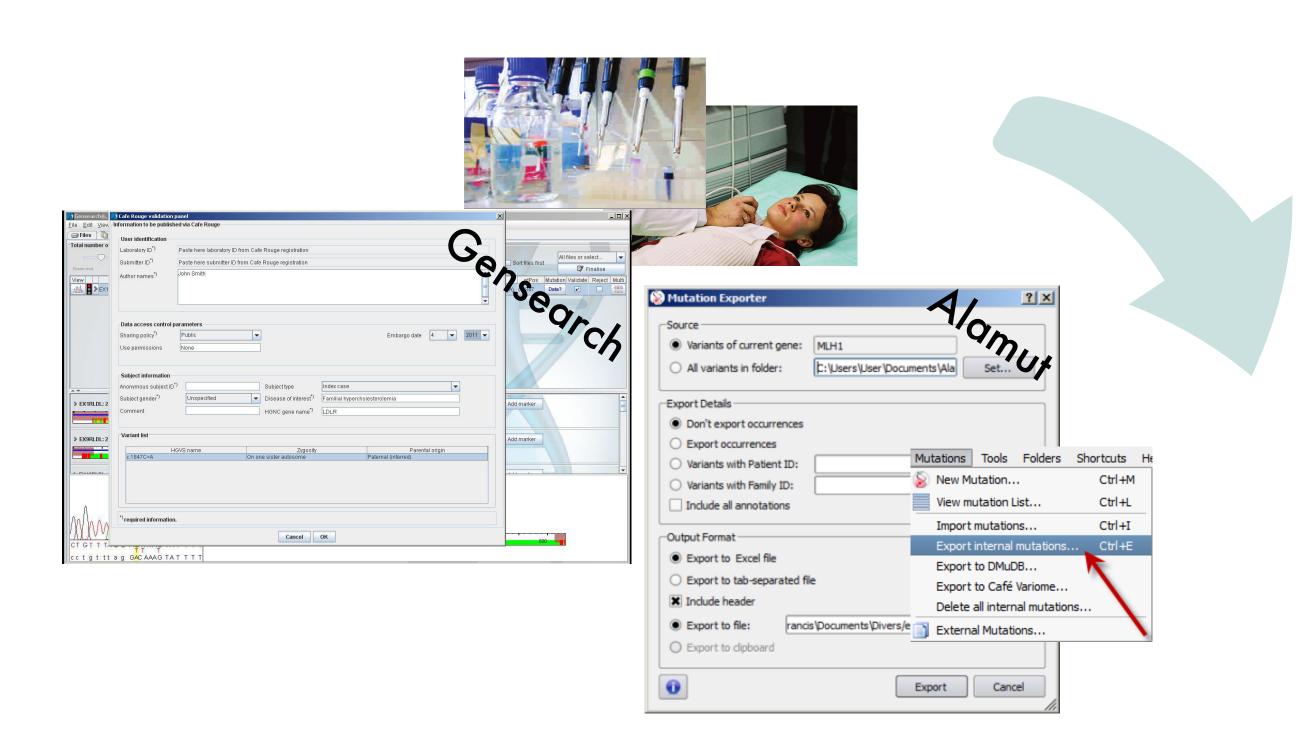
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## Facilitating the exchange of sequence variant data from diagnostic laboratories to diverse third parties //

The internet-based Cafe Variome is designed to function as a advertising platform and exchange portal for gene mutation data produced by diagnostics laboratories, offering users an environment through which to announce, discover and acquire a comprehensive listing of observed neutral and disease-causing gene mutations in patients and unaffected individuals.

To achieve this, Cafe Variome facilitates the "publication" of data from researchers, diagnostics laboratories, and others, to any and all stakeholders who may wish to, for example, check for evidence of causal influence upon certain disease states, and/or incorporate the data into locus-specific databases (LSDBs).

## The Cafe Variome Concept



The concept is that laboratory personnel can use "Cafe Variome-enabled" mutation interpretation software to push variant data to Cafe Variome



Cafe Variome

Discover "existence" of data through Cafe Variome Portal

under one of three models:



openAccess

Unrestricted download for anyone



Download, having received specific permission from the data owner

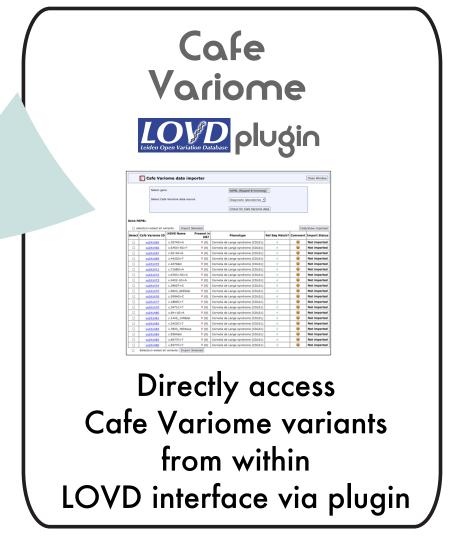


Linking to source of variant to obtain full record



Other sources of variants are advertised and made discoverable via Cafe Variome

Exchange requires just one format (VarioML http://www.varioml.org)



Diagnostics labs UMD he Universal Mutation Databas Genome Browsers

3rd parties can freely access Cafe Variome data

## Cafe Variome features...

- Automated and/or manual data submissions, from registered submitters
- Users "discover" mutations by online search interface & webservice (for programmatic access)
- Various data access options, leaving control at all times with the submitter
- Attribution/accreditation given to data creators working in diagnostic labs (as is the case for publishing journal articles

## Use Cafe Variome to share your data...

- Submit variants using Cafe Variome-enabled software
- Cafe Variome will work with you and do all the heavy lifting required to process any historic or large datasets
- We will work with you to set up automated pipelines for routinely sharing and publishing variants
- Contact admin@cafevariome.org



