



Case Study 4: Under which intervention creatinine levels increases more in HIV patients?

May 7, 2012 GVK BIO Confidential 30

Creatinine - Nephrotoxicity



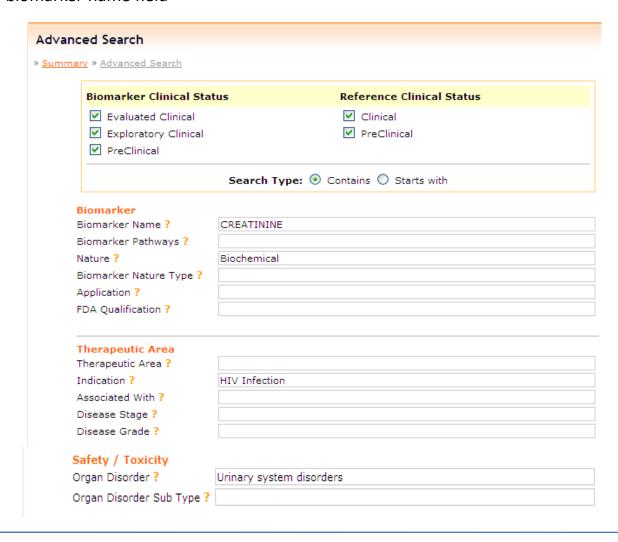
- Measuring creatinine levels is a useful method of evaluating renal dysfunction
- In any given condition, if a user is interested in analyzing drug-induced nephrotoxicity by measuring creatinine levels, GOBIOM can be useful as it has data from all the reported clinical studies under different drug interventions in various study population groups.
- The analysis tool allows user to filter the data by drug, disease and biomarker to easily assess the best therapy available with least nephrotoxicity for a given condition.

Under which intervention creatinine levels increases more in HIV patients?



Select urinary system disorders in organ disorder field present in the Safety/Toxicity section

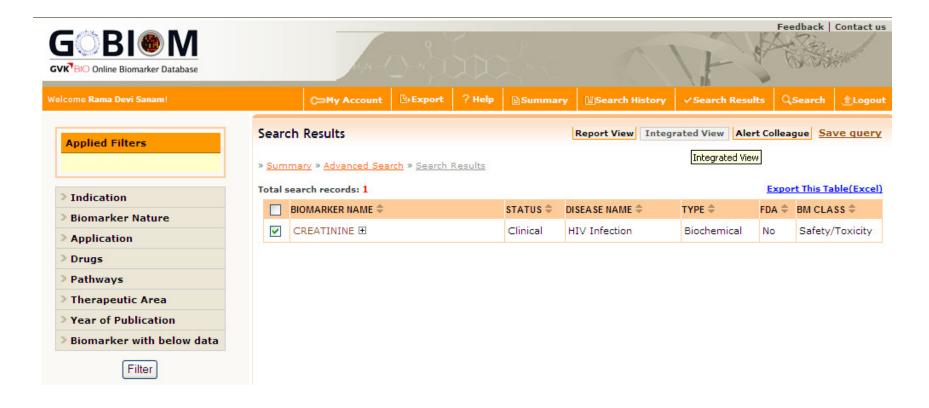
Select Creatinine in the biomarker name field





Select single creatinine record and click on integrated view

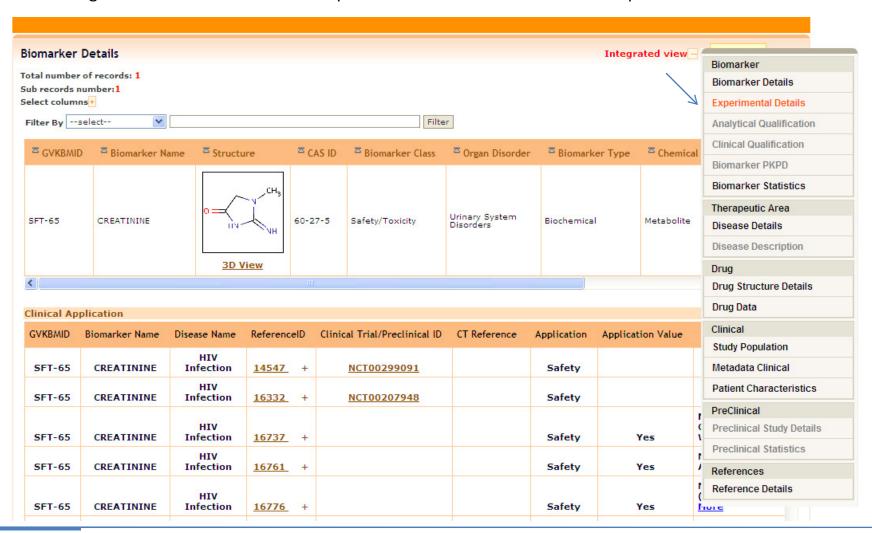
 The GOBIOM Integrated View allows the user to quickly scan all the relevant biomarker information in one dataintensive window. This provides a simple and quick method of comparing different tables available.





Integrated view of biomarker details page appears.

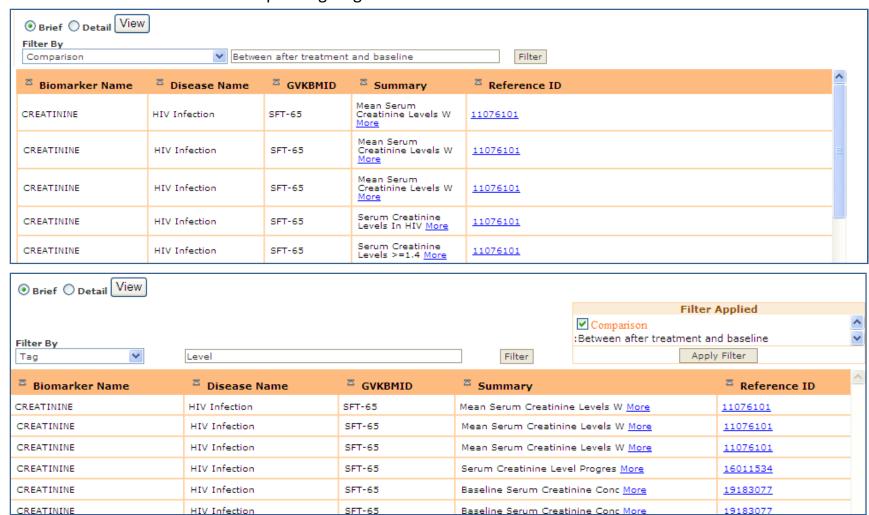
Click on Integrated view button and select experimental details to view all the data points





Apply Comparison filter – "Between after treatment and baseline" Tag – "Level"

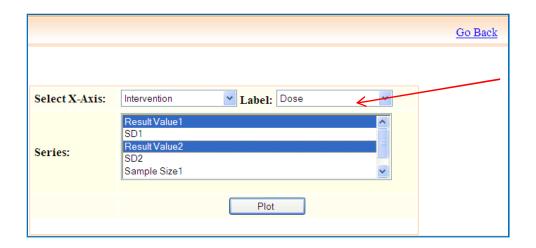
These filters will filter out the datapoints giving creatinine levels after treatment and baseline.





Under which intervention creatinine levels increases in HIV patients?

Click on Plotting after applying the required filters.



Select X-axis along with the required label.

In the series, Result value 1 and Result value 2 are selected. These fields store biomarker levels after treatment and at the baseline respectively.





