



Empowering Your Omics Research

YourCrosstalker™ provides a simple, visual way to view functional connections between pathways, proteins, genes, and systems in order to provide a better understanding of biological interactions. It combines network analysis with robust visualization to illuminate your systems biology analyses.

How It Works

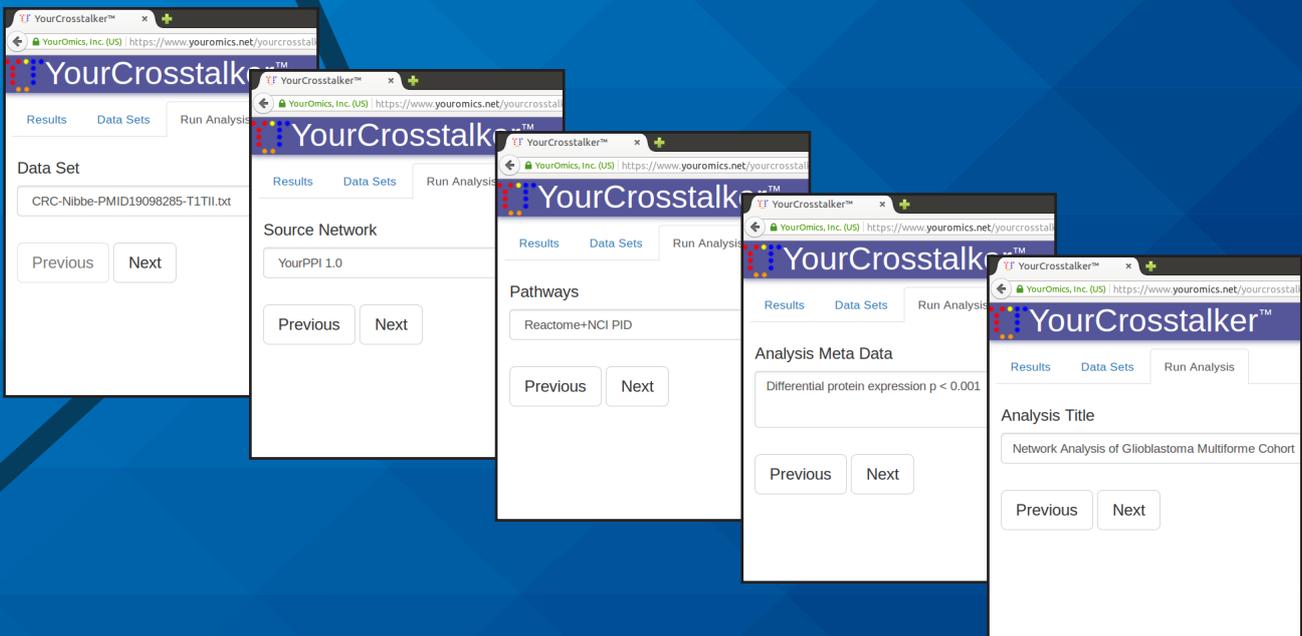
Using YourCrosstalker is incredibly easy. Simply:

- Upload a list of genes and / or proteins from a tab-delimited file.)
- Choose a Protein-Protein Interaction (PPI) database from a drop down menu (2 PPI databases are provided free with YourCrosstalker subscription)
- Choose a Pathway database from a drop down menu (3 pathway databases are available).
- Choose where to save your results.
- Click run.

The software does the rest, and you are presented with a concise picture of the sub-networks that functionally connect your seed genes / proteins. The results are highly interactive, allowing the user to instantly switch from a high level picture connecting multiple complex sub-networks to an examination of the fine details and annotations of the interactions between a handful of molecular targets of special interest.

Built In Data Sets

You don't need your own data to use YourCrosstalker. We've pulled from many public data sets in order to ensure that you can obtain meaningful insights about your area of interest without needing to start from scratch. We put you closer to understanding the entire known realm of interactions of your gene, protein, or pathway of interest before you even pick up a pipette.



These few inputs are literally all you need to provide to start using YourCrosstalker and gain a better understanding of your biological systems.

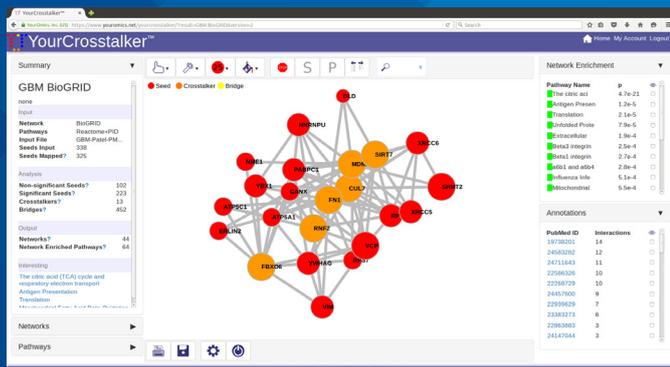
Lightweight & Web-Based

Do you cringe at the thought of installing servers? No worries – you can use ours. YourCrosstalker is entirely web-based so there's no additional spending on IT, no waiting for systems to be set up, and no bothersome compatibility requirements. Just sign up and start fueling your genius.

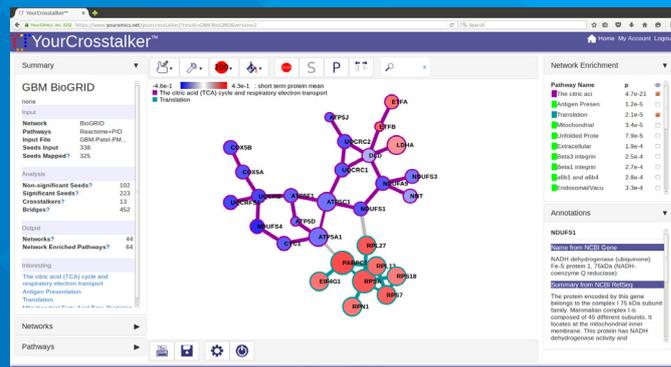
Help Fuel Genius!

YourCrosstalker has simple data import functionality, and publicly shared data can be freely added to YourCrosstalker at any time by any user.

With one click you can share findings to the YourCrosstalker community. You can also use YourCrosstalker's built-in painting functions and its easy manipulations of nodes and networks to create and export clear and visually appealing figures.



YourCrosstalker sample output. Red nodes are included in the list uploaded by the user, while the orange nodes are “crosstalkers” – genes identified by the software as having biological and statistical significance but not included in the user's list



With YourCrosstalker, there are no secrets. Click any connection for a link to the publication from which the information was captured.

For more information, or to schedule a demo, contact us at info@youomics.com / +1 844-987-6642 or visit YourOmics.com/products/yourcrosstalker.



YourOmics™ simplifies analysis of complex biological data.

YourOmics develops simple, accessible web-based applications allowing any biologist to gain insight from the fruits of the omics revolution. Our applications are designed for ease of use, empowering any scientist with powerful tools and comprehensive data sets to cut through complexity and rapidly obtain the necessary insights to further their research.

Creating Clarity from Biological Complexity

This is us in a nutshell: We're looking to make the analysis of complex, multi-omics data simpler, more transparent, and more accessible. We want every lab to have the power to dig into the highly complex data sets which capture what we know about life and utilize them to discover the next big breakthroughs and develop tomorrow's cures. We're helping scientists create understanding from complexity. That's why we like to say we're fueling genius.