



**InSyBio**  
Intelligent Systems Biology

User Manual

# InSyBio Suite - First Steps

November 2019

Insybio Suite v2.6

[www.insybio.com](http://www.insybio.com)

# Welcome to Insybio Suite

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InSyBio Suite is an integrated platform providing tools for biological data management, secured storage and analysis based on the Cloud model of Software as a Service (SaaS).

Its present version consists of five basic modules:

- **Interact:** a module offering preprocessing and analysis options for proteomics and interactomics biological data.
- **ncRNAseq:** a module for the analysis of RNA-Seq data and non-coding RNA molecules.
- **BioNets:** a module which enables the application of data mining techniques on gene expression datasets and biological networks.
- **Biomarkers:** a tool for the identification of biomarkers from single and multi-omics datasets combining statistics and machine learning.
- **Data Store:** a set of tools for storing and managing biological datasets.

InSyBio Suite is offered by InSyBio LTD and incorporates in its analysis a variety of novel published computational intelligent techniques plus a new method for the functional characterization of proteins.

We will be thankful if you try out InSyBio Suite and provide us your feedback in [support@insybio.com](mailto:support@insybio.com).

In the following, the signing up and the logging in procedures are described, as well as the basic functionalities of InSyBio Suite.

## Logging in

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In the login page you have to enter your email and your password and press the “Login” button.

InSyBio Suite delivers over Internet high-performance, user-friendly and installation free tools to biology researchers with minimum knowledge of software usage.

[Learn more about InSyBio >](#)

Want to take the InSyBio Suite for a test-drive?

Sign up for a free 30 day evaluation

Fully functional  
Use your own datasets  
Requires Verification (1-2 business days)

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In case you have forgotten your password, you can click the respective link. In the page you will be redirected to, you have to enter your email and your password will be sent to you.

Password Reminder

Your e-mail

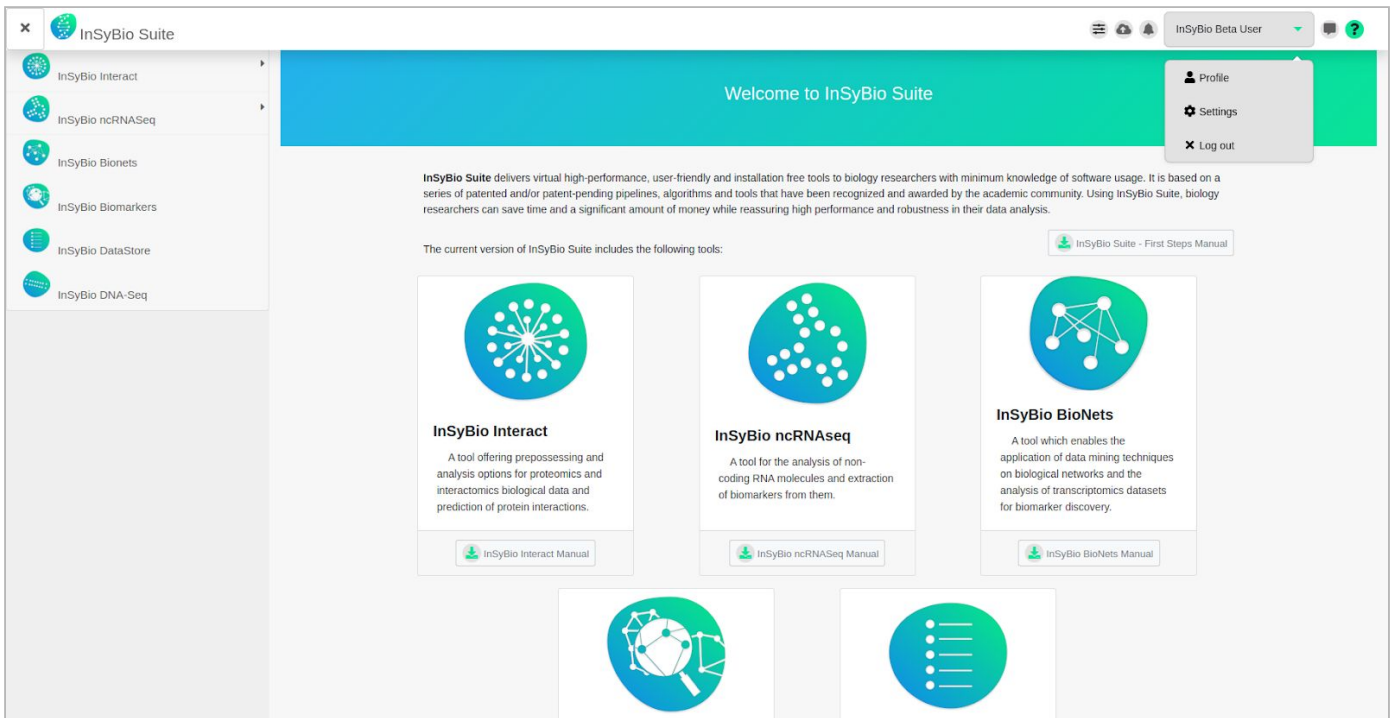
Submit

← Go to login form

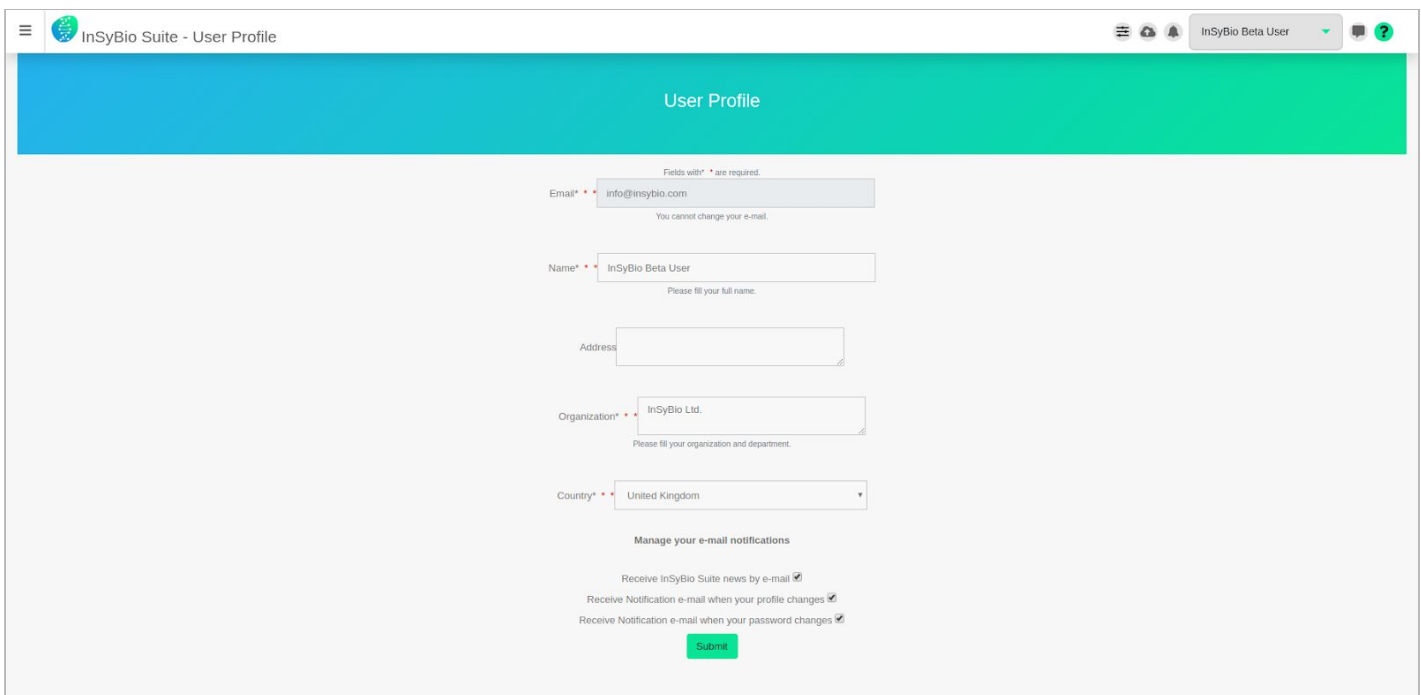
## InSyBio Suite Graphical Environment

### Upper toolbar

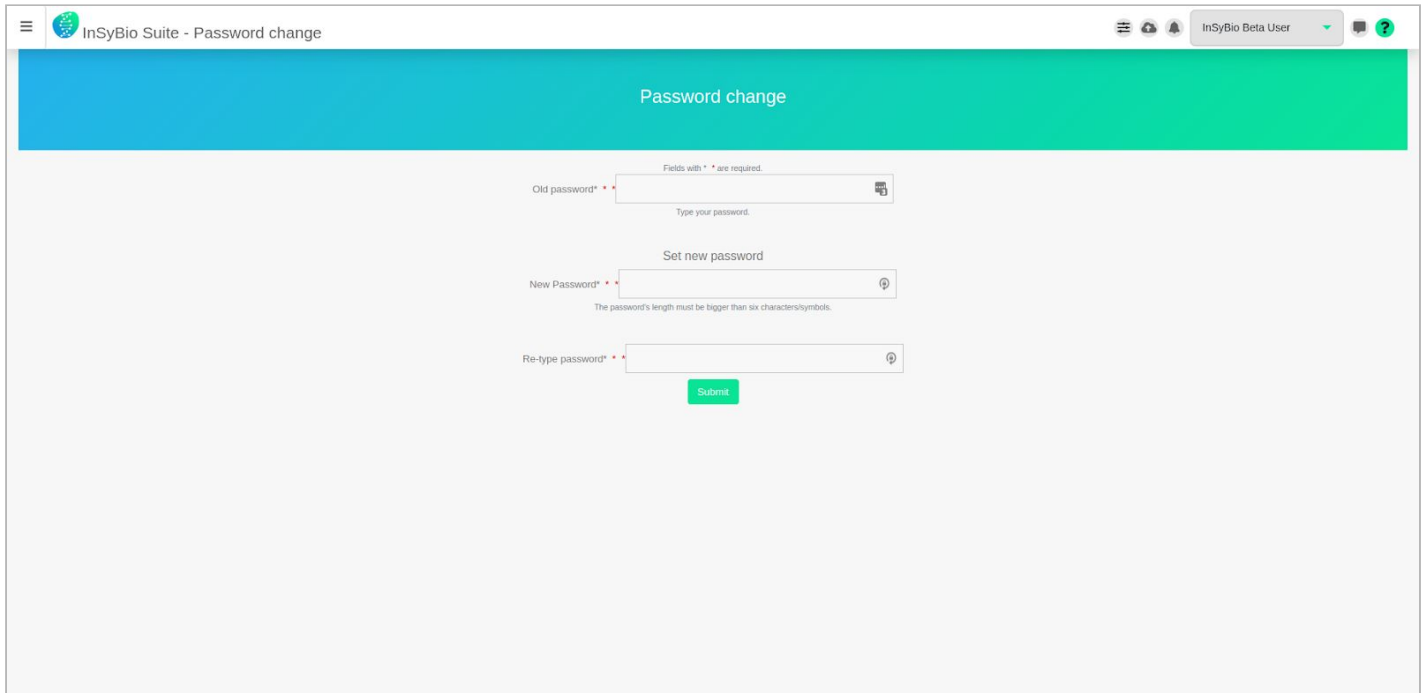
In the upper toolbar of InSyBio Suite, pressing on your username you can update your profile, change your password, go to the settings page or logout from the account.



When updating your profile you can change your full name, address, organization and country. You cannot change your email though you can manage your email notifications.



When changing your password, you have to provide your old password and type twice your new password.



The screenshot shows a web browser window with the title "InSyBio Suite - Password change". The browser's address bar shows "InSyBio Beta User". The page has a blue header with the text "Password change". Below the header, there is a form with three input fields and a "Submit" button. The first field is labeled "Old password\*" and has a small icon to its right. Below it, the text "Type your password." is displayed. The second field is labeled "New Password\*" and has a small icon to its right. Below it, the text "The password's length must be bigger than six characters/symbols." is displayed. The third field is labeled "Re-type password\*" and has a small icon to its right. Below the fields, there is a green "Submit" button. At the top of the form, there is a small text "Fields with \* are required."

## Left menu

In the left menu of InSyBio Suite you can select the tool you would like to use. Tools user manuals can be found in the landing page.

**Welcome to InSyBio Suite**

**InSyBio Suite** delivers virtual high-performance, user-friendly and installation free tools to biology researchers with minimum knowledge of software usage. It is based on a series of patented and/or patent-pending pipelines, algorithms and tools that have been recognized and awarded by the academic community. Using InSyBio Suite, biology researchers can save time and a significant amount of money while reassuring high performance and robustness in their data analysis.

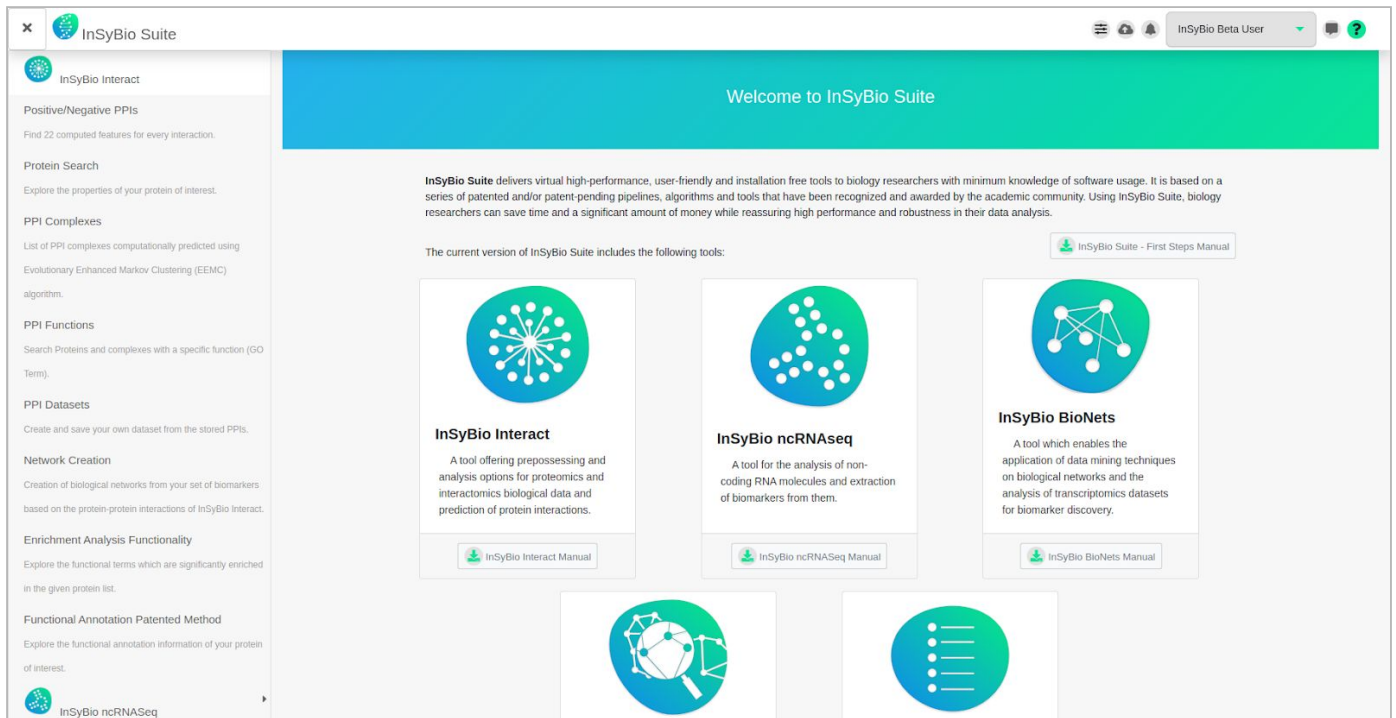
The current version of InSyBio Suite includes the following tools:

- InSyBio Interact**  
A tool offering preprocessing and analysis options for proteomics and interactomics biological data and prediction of protein interactions.  
[InSyBio Interact Manual](#)
- InSyBio ncRNAseq**  
A tool for the analysis of non-coding RNA molecules and extraction of biomarkers from them.  
[InSyBio ncRNAseq Manual](#)
- InSyBio BioNets**  
A tool which enables the application of data mining techniques on biological networks and the analysis of transcriptomics datasets for biomarker discovery.  
[InSyBio BioNets Manual](#)
- InSyBio Biomarkers**  
A tool for the identification of biomarkers from single and multi-omics datasets combining statistics and machine learning.  
[InSyBio Biomarkers Manual](#)
- InSyBio Data Store**  
A set of tools for storing and managing biological datasets.  
[InSyBio Data Store Manual](#)

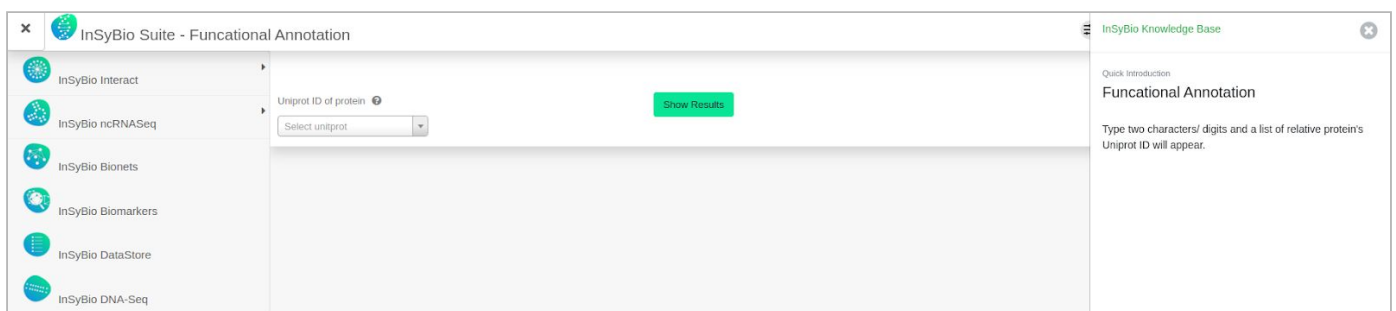
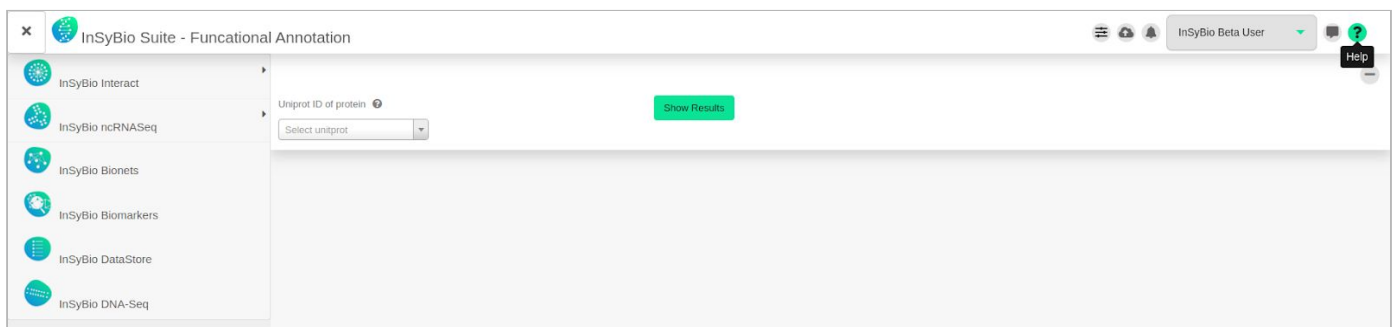
Corresponding version: 2.6, Date: November 2019.

For more details about InSyBio's services and for downloading the latest white papers of InSyBio tools please visit [www.insybio.com](http://www.insybio.com).

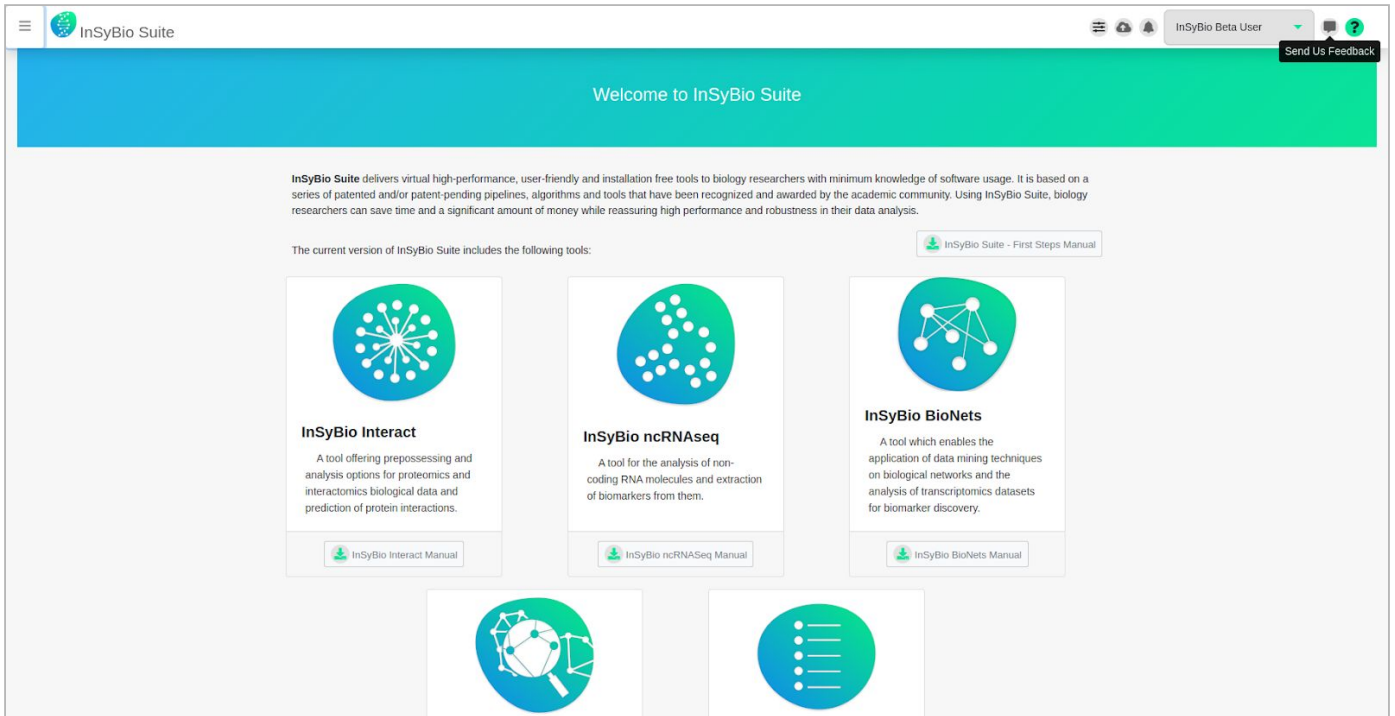
For some tools, you can find their subtools pressing the respective arrow.



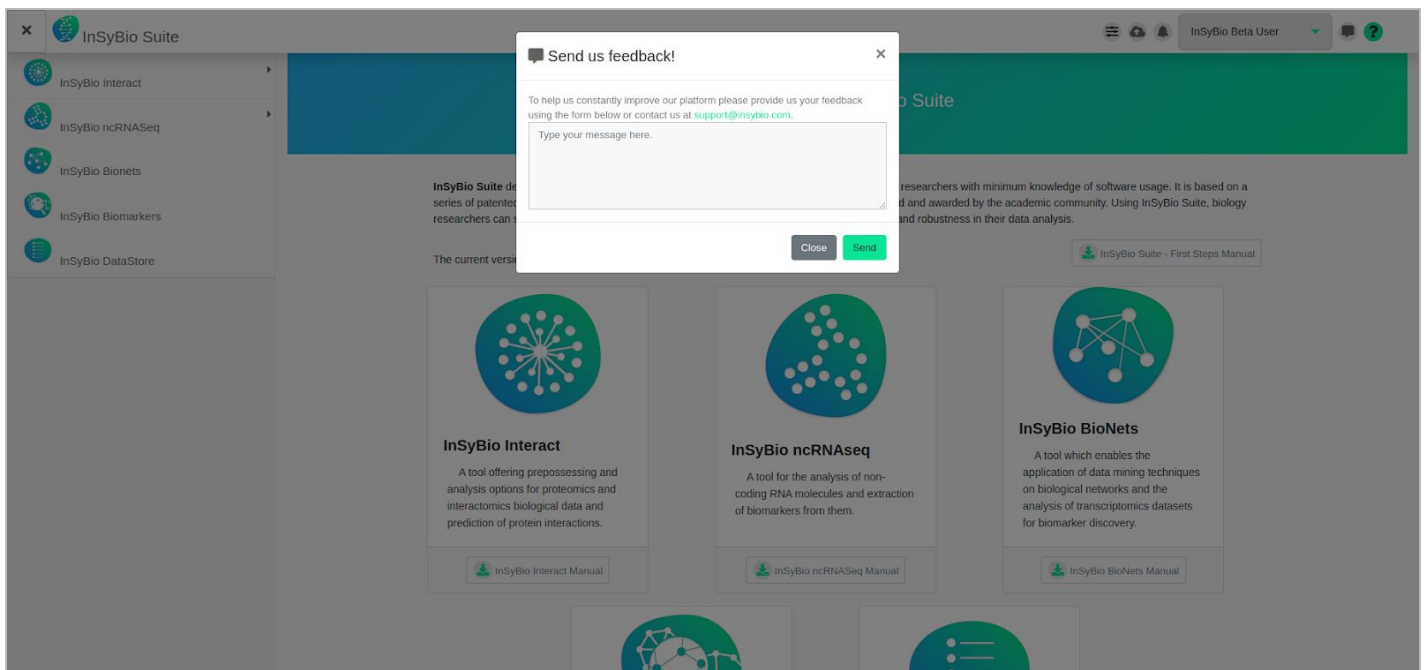
When inside a tool, help is provided through the upper right help button.



On the upper right of the toolbar, there is also a feedback button.



Clicking on the feedback button, a message asks you to provide your feedback at [support@insybio.com](mailto:support@insybio.com).





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# How to get InSyBio Suite

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To request a free one month license of InSyBio Suite please email us at [info@insybio.com](mailto:info@insybio.com).

To purchase InSyBio Suite commercial version 2.6 please contact us at [sales@insybio.com](mailto:sales@insybio.com).

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## About Us

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InSyBio Ltd is a bioinformatics pioneer company ([www.insybio.com](http://www.insybio.com)) in personalized healthcare, that focuses on developing computational frameworks and tools for the analysis of complex life-science and biological data in order to develop predictive integrated biomarkers (biomarkers of various categories) with increased prognostic and diagnostic aspects for the personalized Healthcare Industry.

InSyBio Suite consists of tools for providing integrated biological information from various sources, while at the same time it is empowered with robust, user-friendly and installation-free bioinformatics tools based on intelligent algorithms and methods.

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