

Tutorial:

MINERVA platform for map reviewers

WP1







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MINERVA platform for map reviewers

University of Liège ONTOX Team







Grant Agreement ID: 963845

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Here you will find relevant links:

The ONTOX MINERVA session is maintained by Elixir Luxembourg (https://minerva.pages.uni.lu/doc/).

General link for ONTOX's MINERVA: https://ontox.elixir-luxembourg.org/minerva/

Physiological maps link:

 Maps and ontologies can be found linked on the menu on our MINERVA instance: https://ontox.elixir-luxembourg.org/minerva/

For previous versions, please refer to the GitHub repository for each map or ontology: https://github.com/ontox-maps

If you need credentials for access, please contact us.

ONTOX Maps menu











CONTENT

DRUG CHEMICAL MiRNA

When accessing the ONTOX MINERVA link, you will land on a page like this one. At the time of this tutorial, the menu doesn't provide any link to the maps because this is a public version of our MINERVA platform. Links will appear as soon as we have the map's papers published.

Physiological Maps



Liver Lipid Metabolism (coming soon)



Liver Bile Acid Secretion (coming soon)



Neural Tube Closure (coming soon)



Brain Development (coming soon)



Nephron Physiology (coming soon)



Adverse outcome pathways

(coming soon)



Cholestasis

Liver steatosis



Neural Tube Closure Defects



Cognitive Function Defects



Kidney Tubular Necrosis



Kidney Crystallopathy

























Once the maps are publicly available, an orange circle will indicate the map is available. Click on the figure of your choice to visualize the link on the white space just below this text box.





Liver Lipid Metabolism



Liver Bile Acid Secretion



Neural Tube Closure (coming soon)



Brain Development (coming soon)



Nephron Physiology (coming soon)



Adverse outcome pathways

(coming soon)







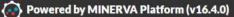


Kidney Tubular Necrosis

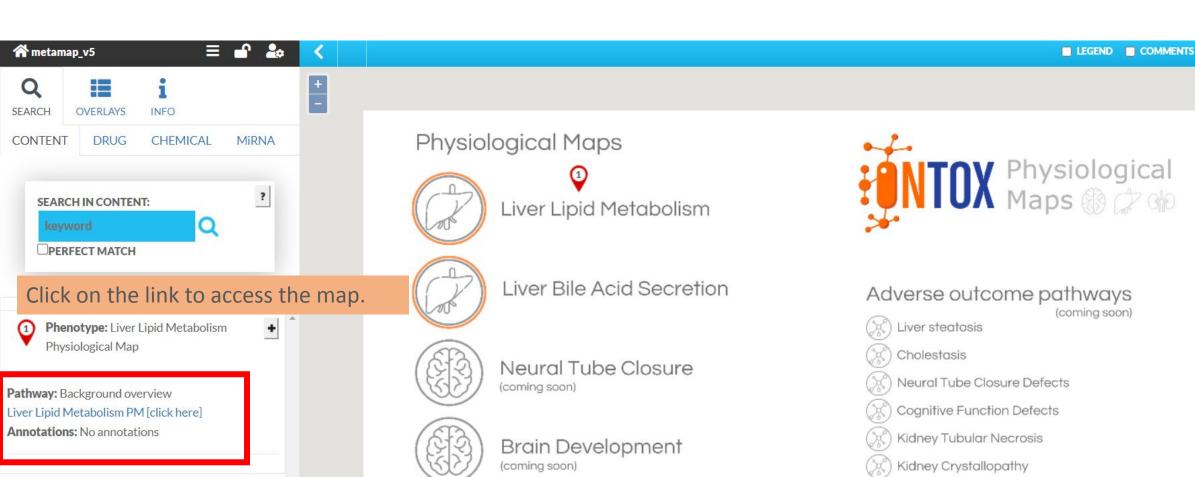
Kidney Crystallopathy











Nephron Physiology

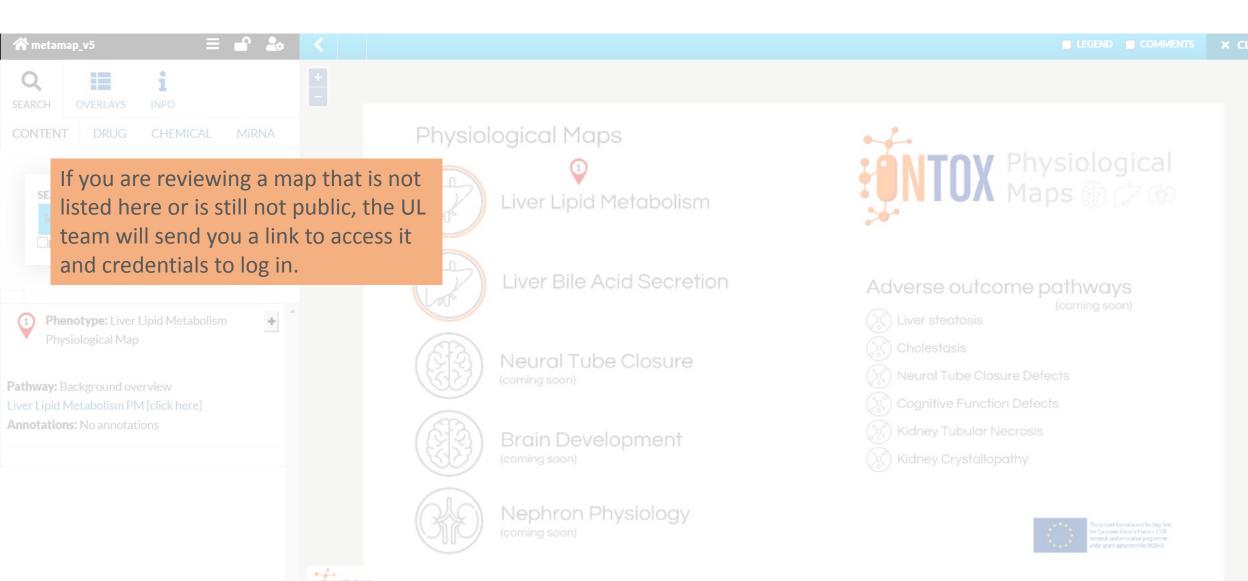
(coming soon)







× CLEAR

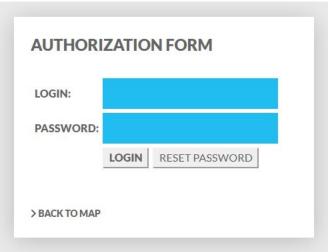




If you arrive on this page, please use the credentials that have been sent to you. If you did not receive these credentials, please contact us.

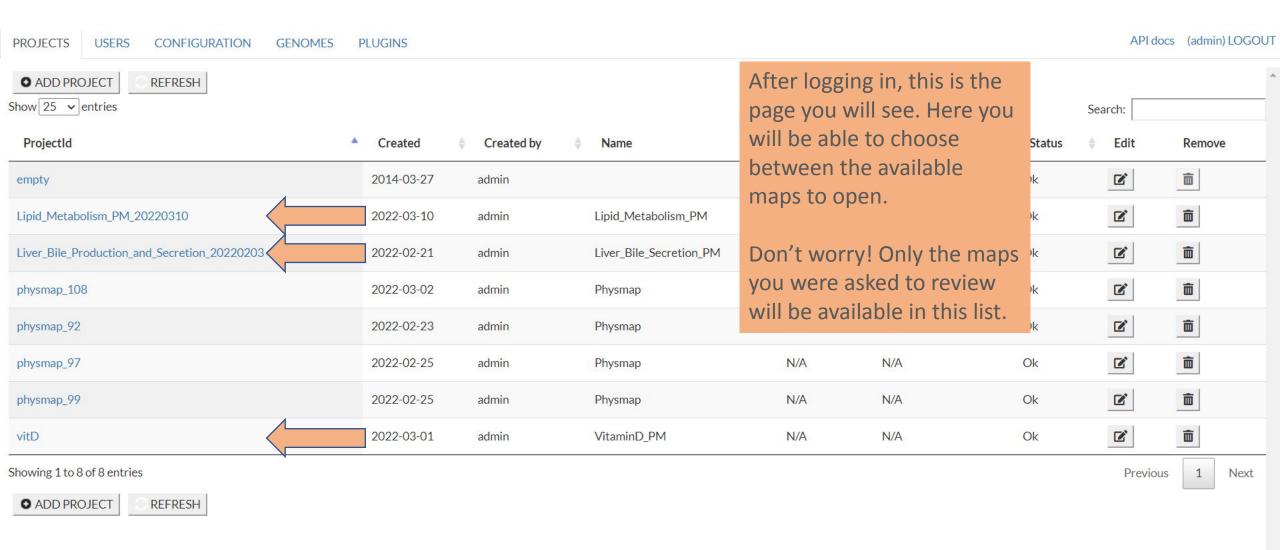
After entering your login and password, you will be redirected to the next page.

If you use direct links to the maps, you can jump to slide 6.



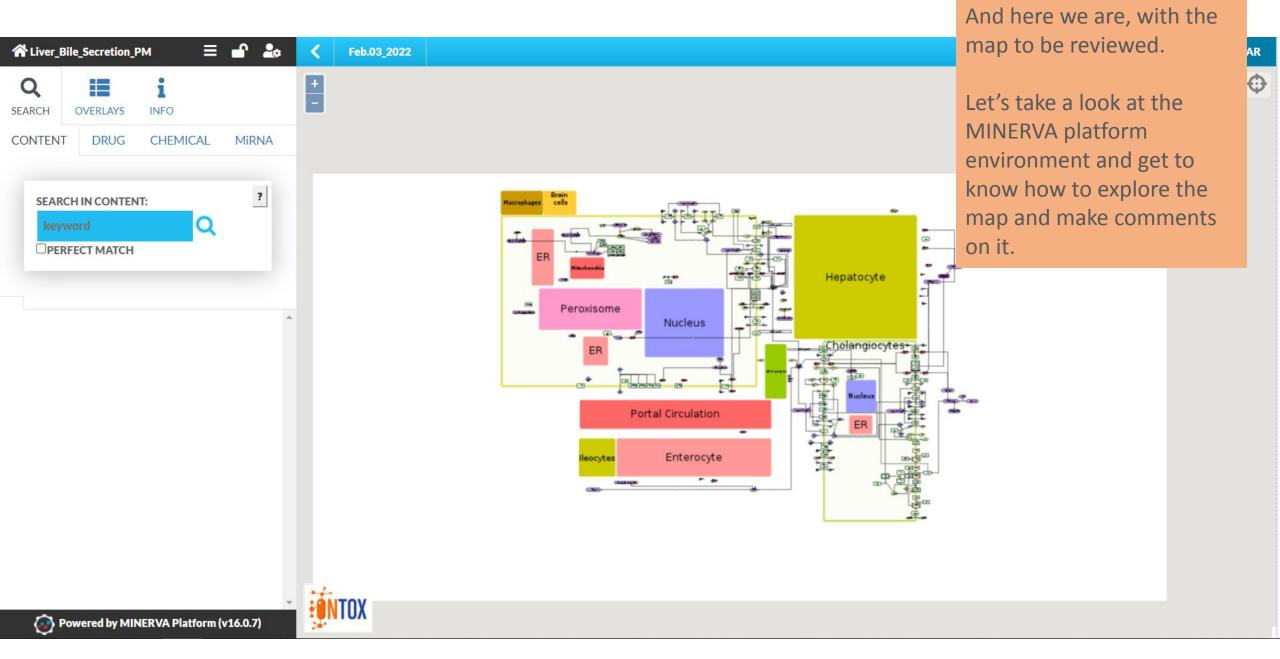


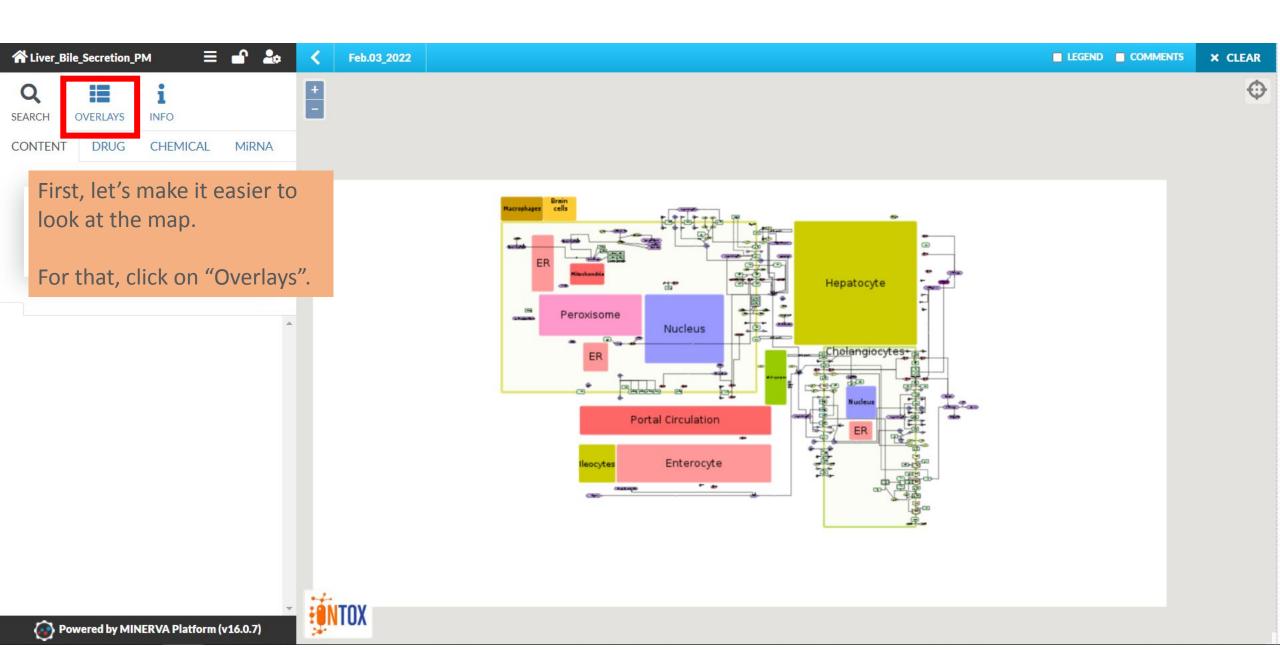


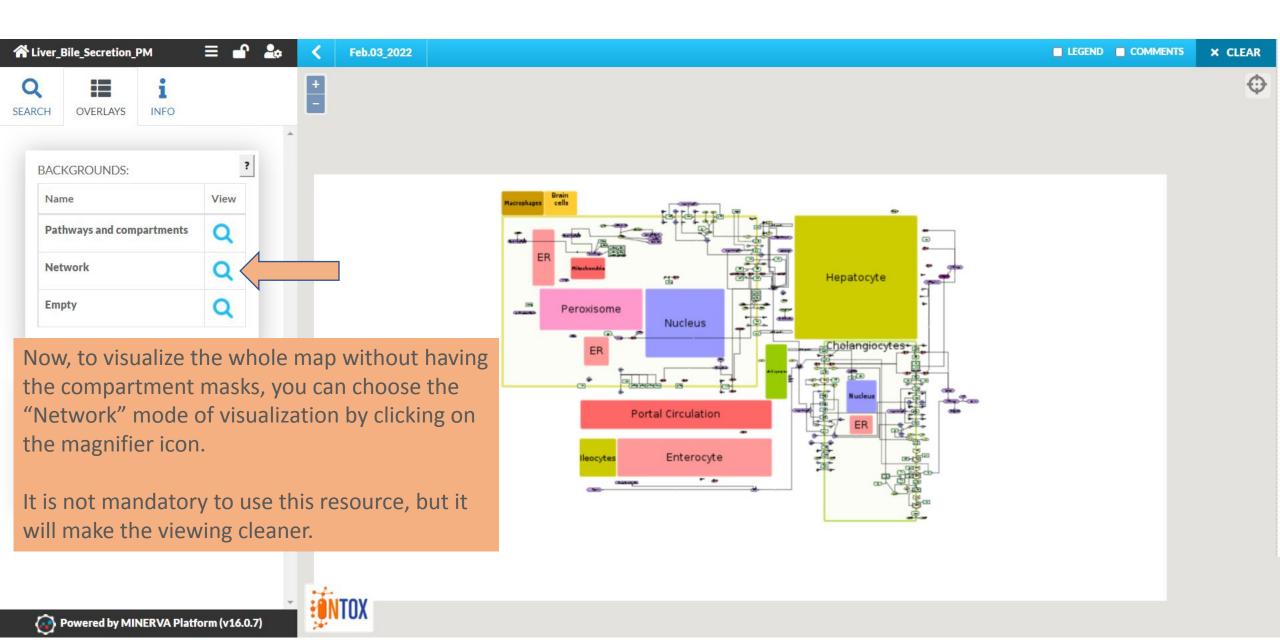


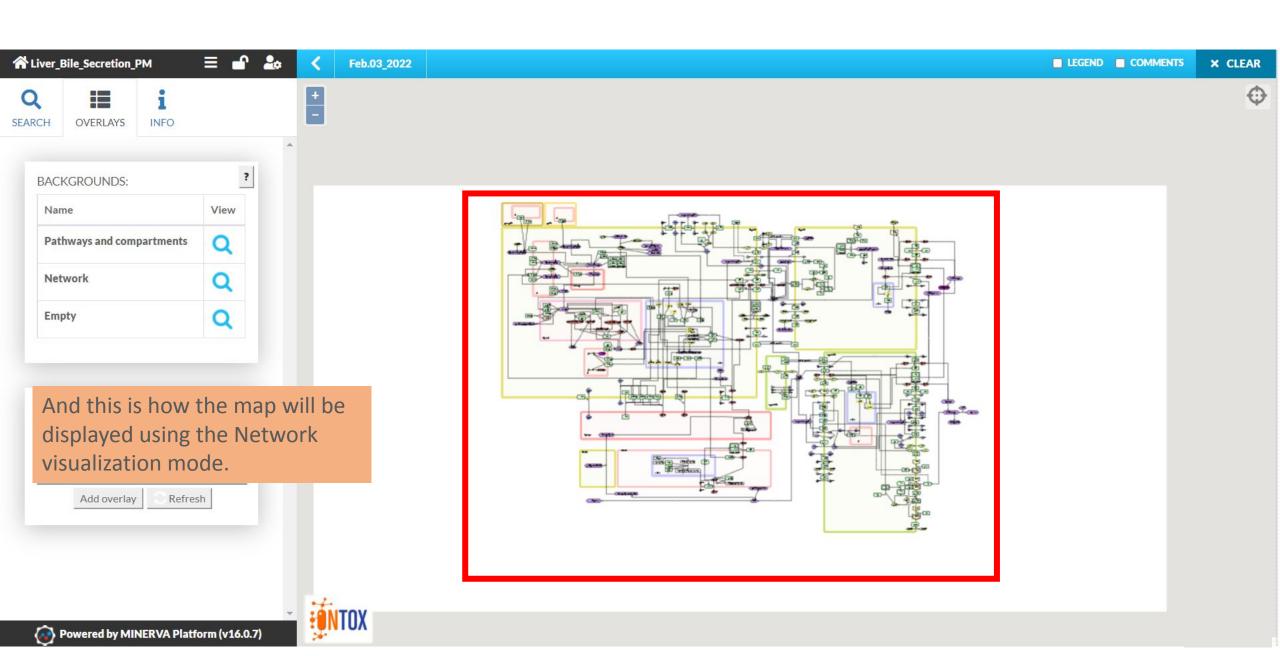


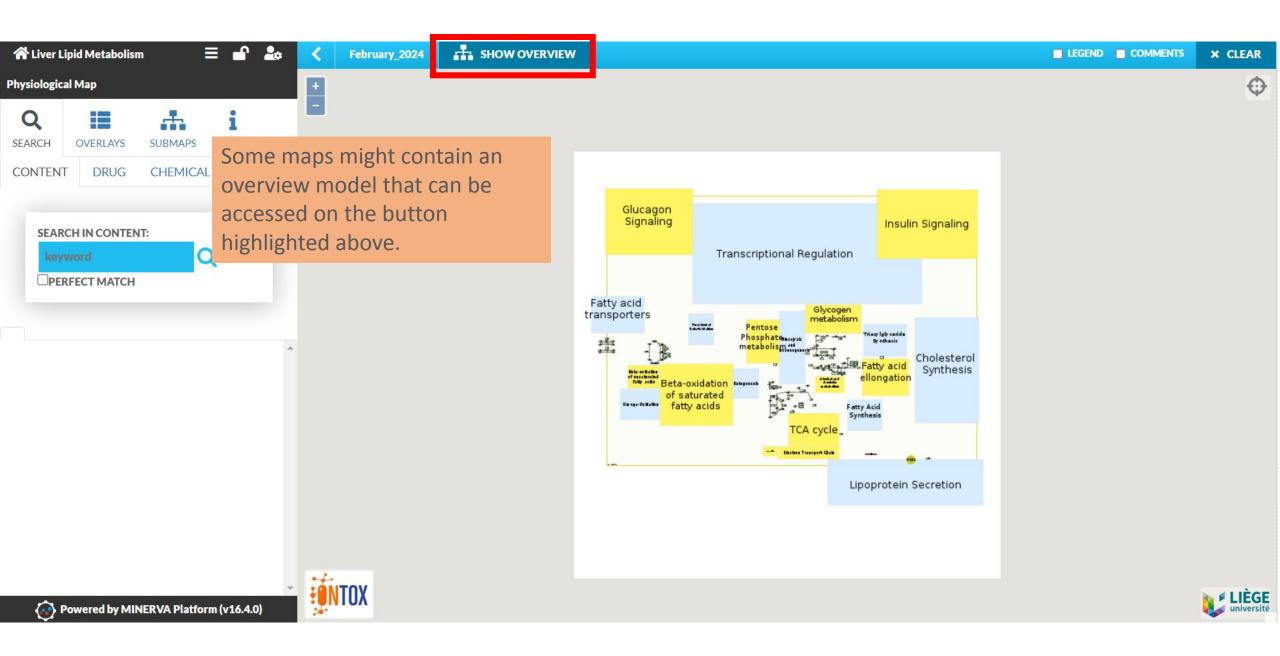
MiNERVA version 16.0.7; build 2022-01-18T08:25:57+0000; git: ad50a9d6800f1c135fca80cb2b559fa77300351c





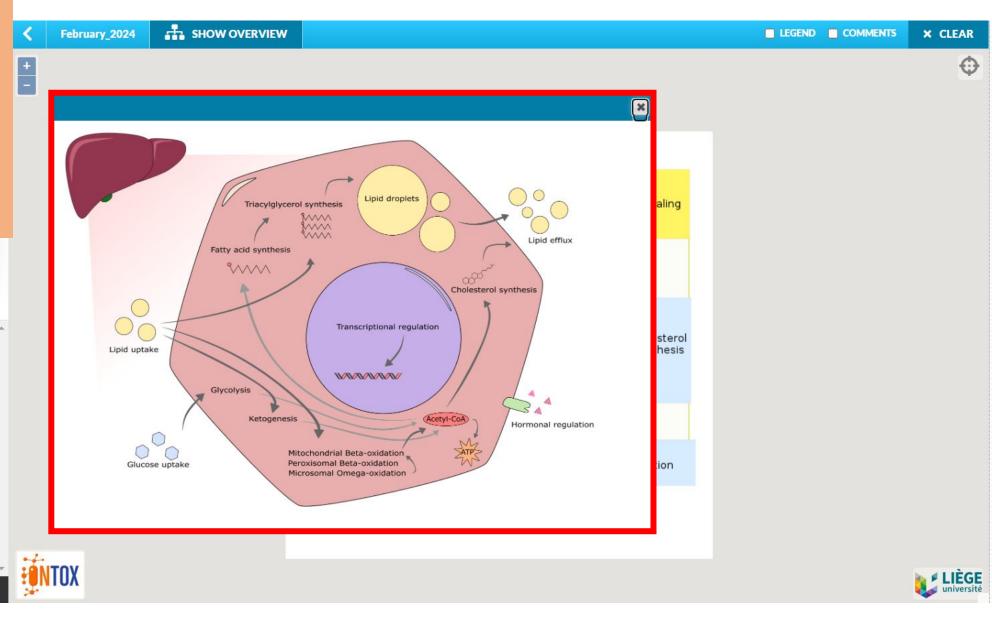


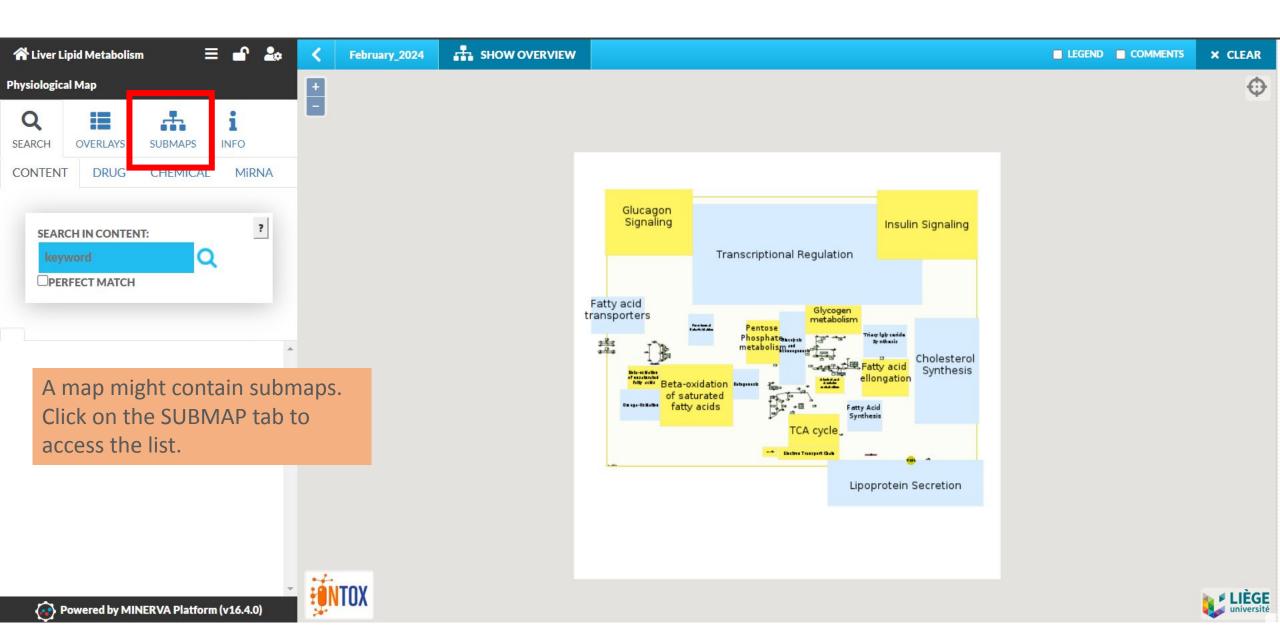


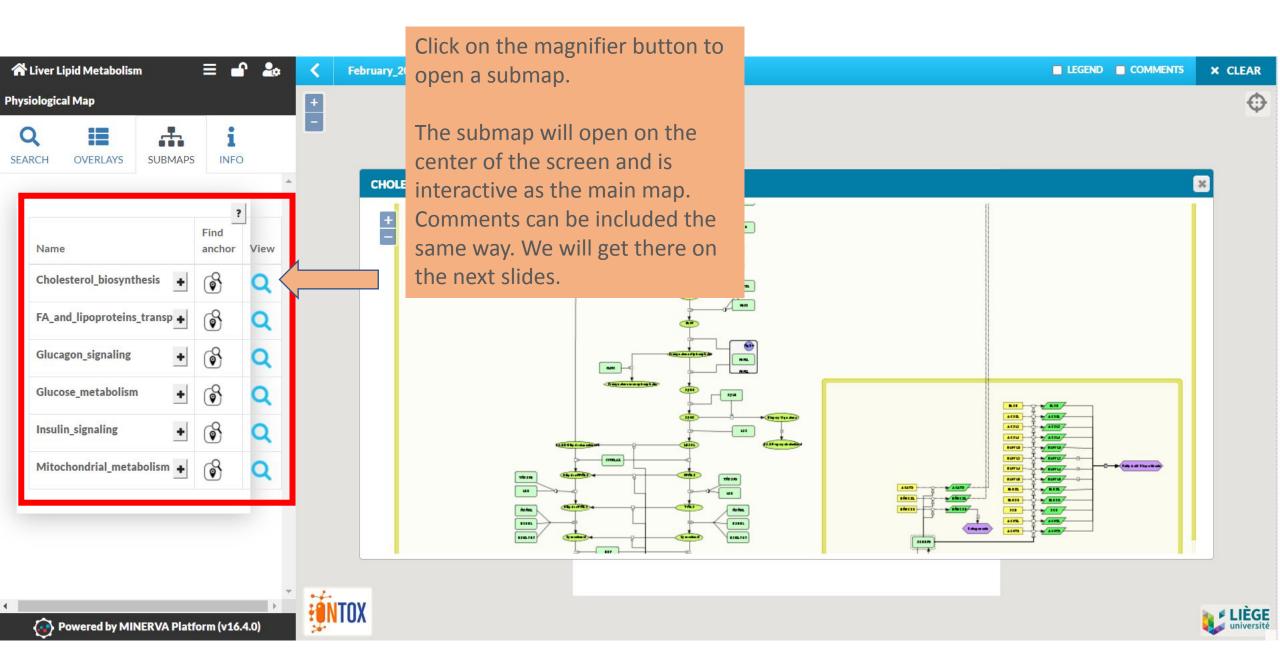


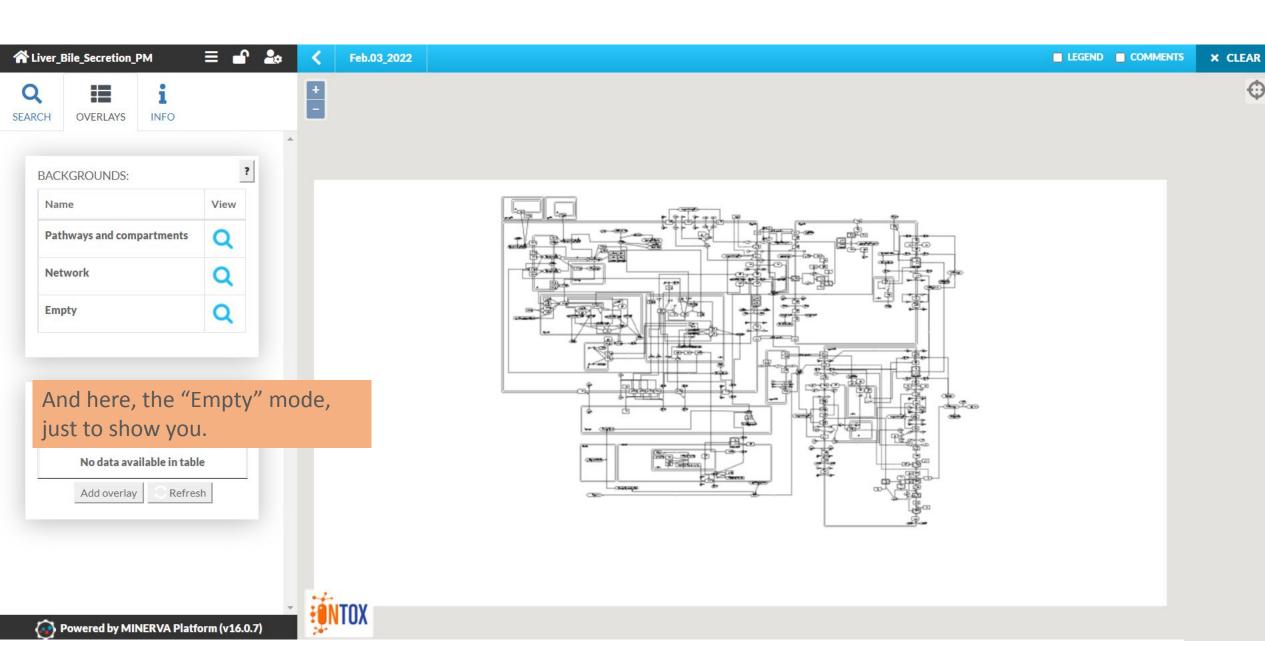
This is especially helpful when navigating big maps. It works as a mini-map, and contain clickable links that will redirect you to places on the molecular interactions maps - main map and submaps.

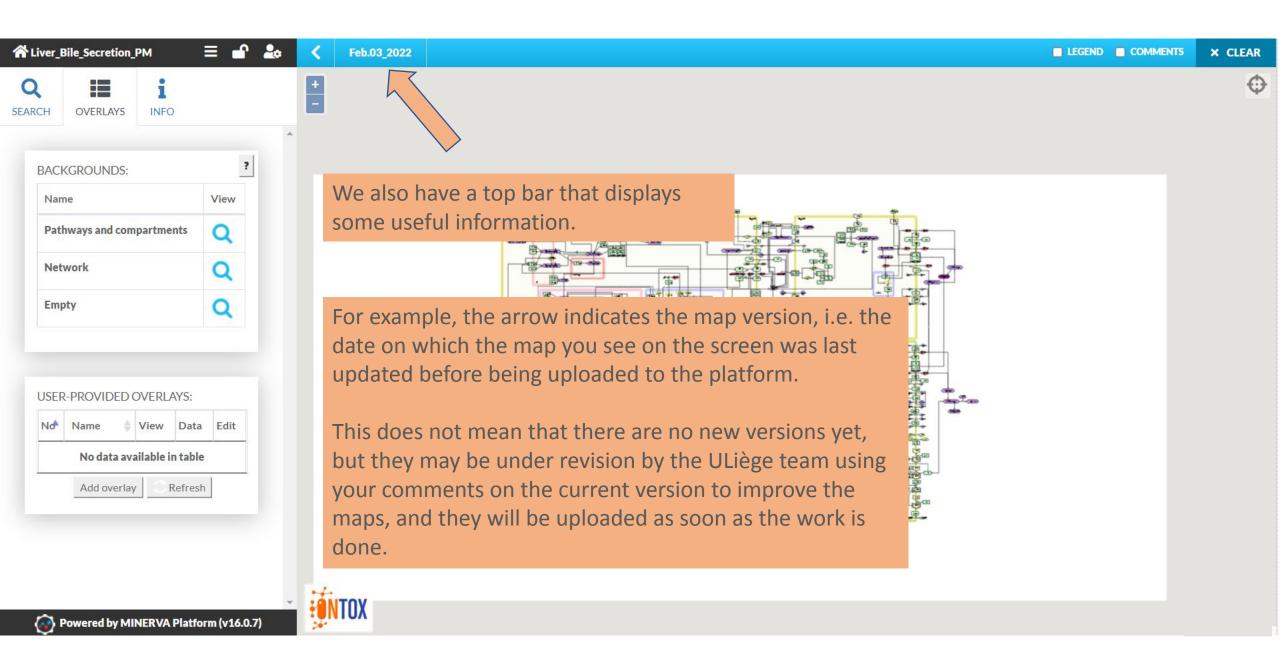
□PERFECT MATCH

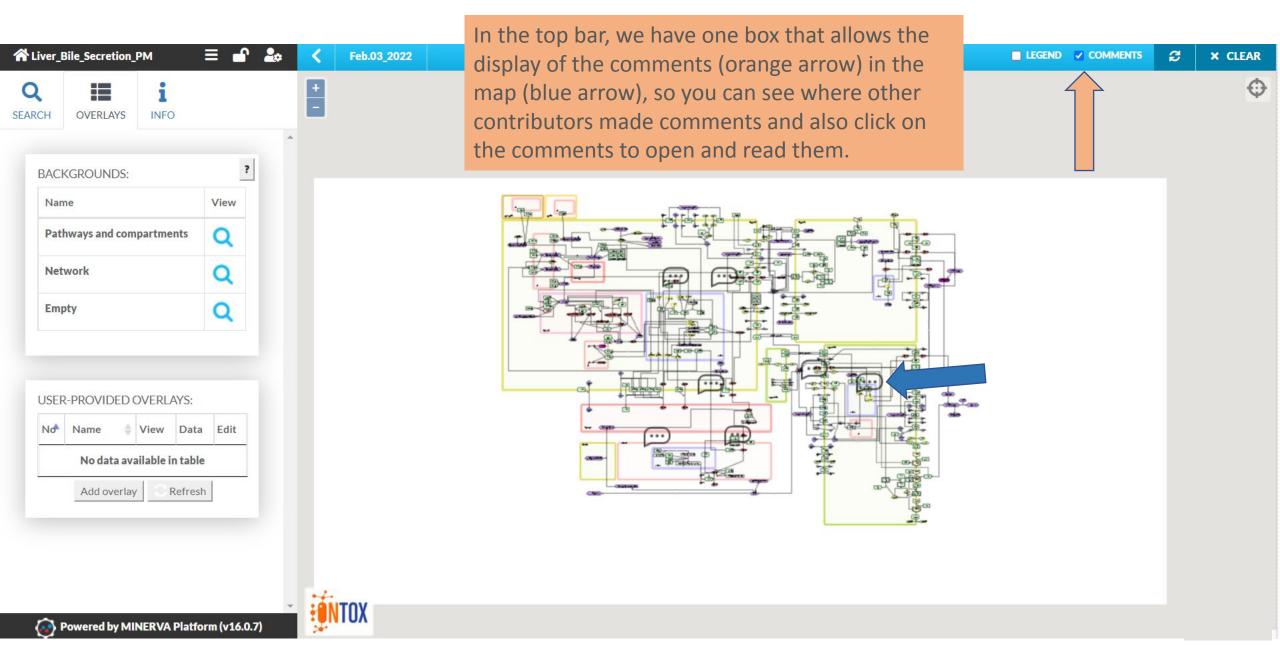


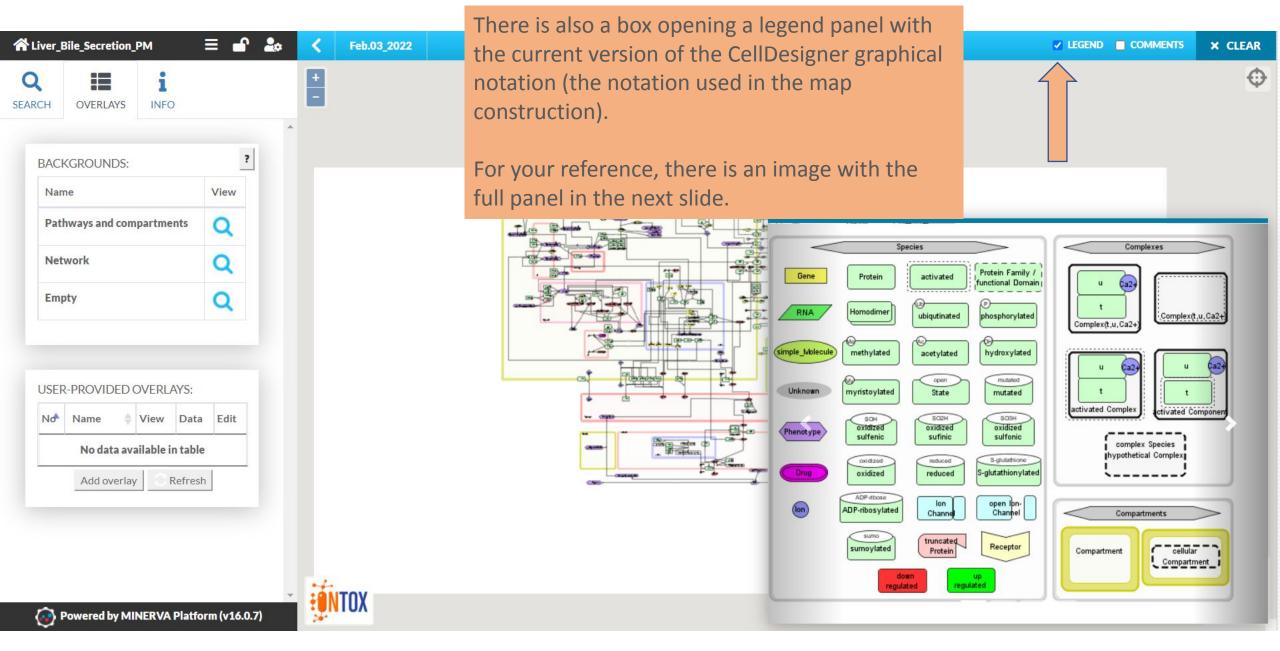


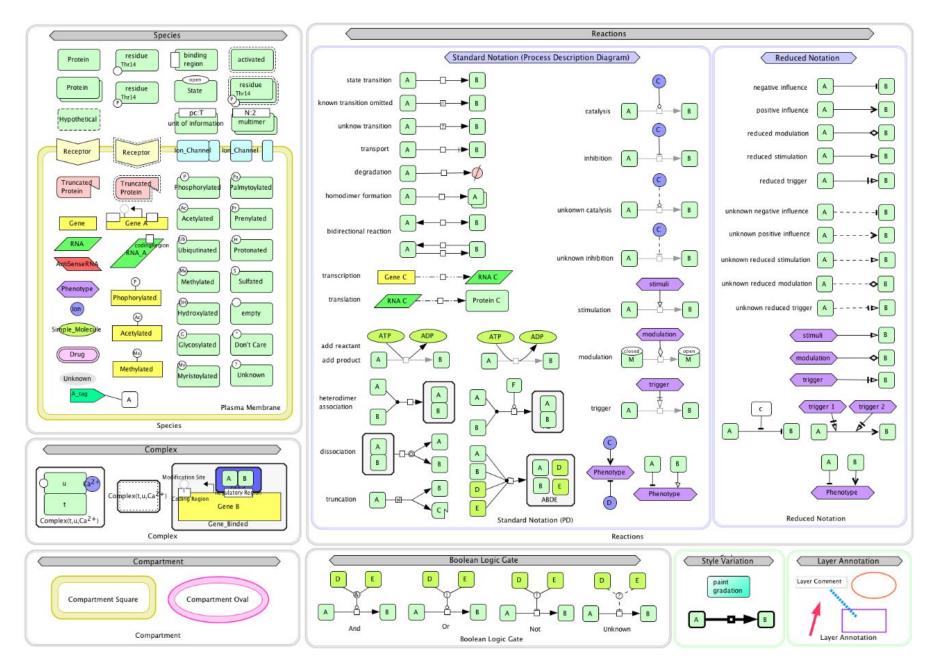




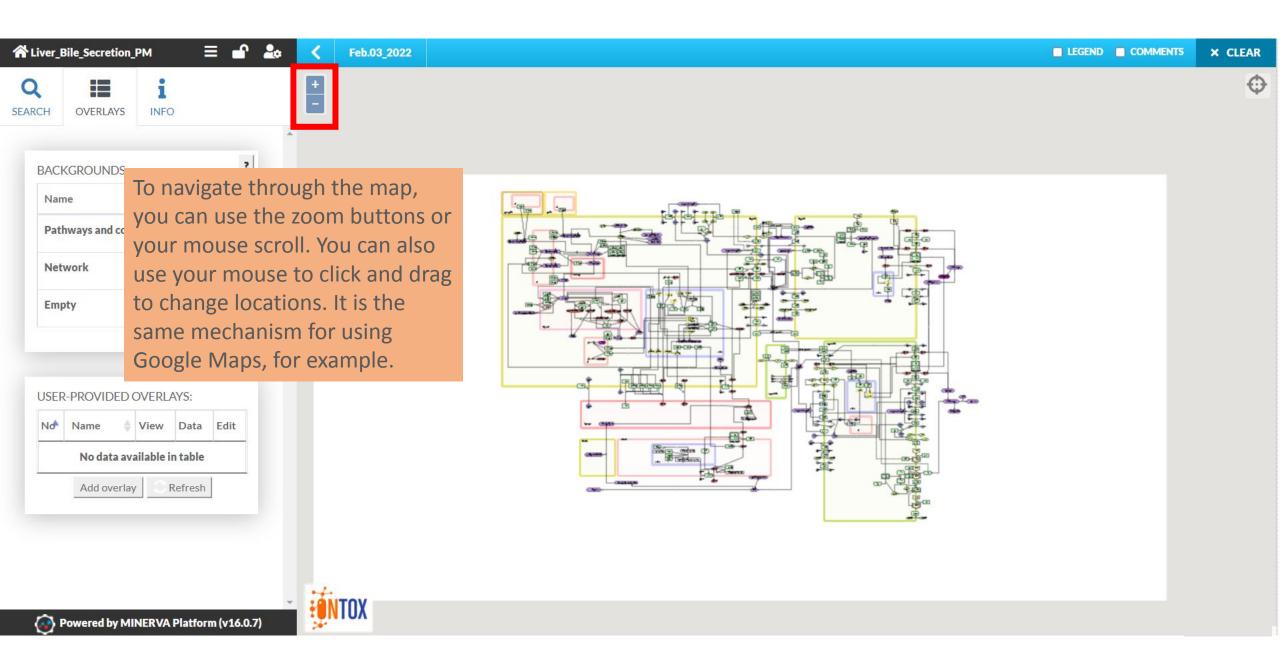


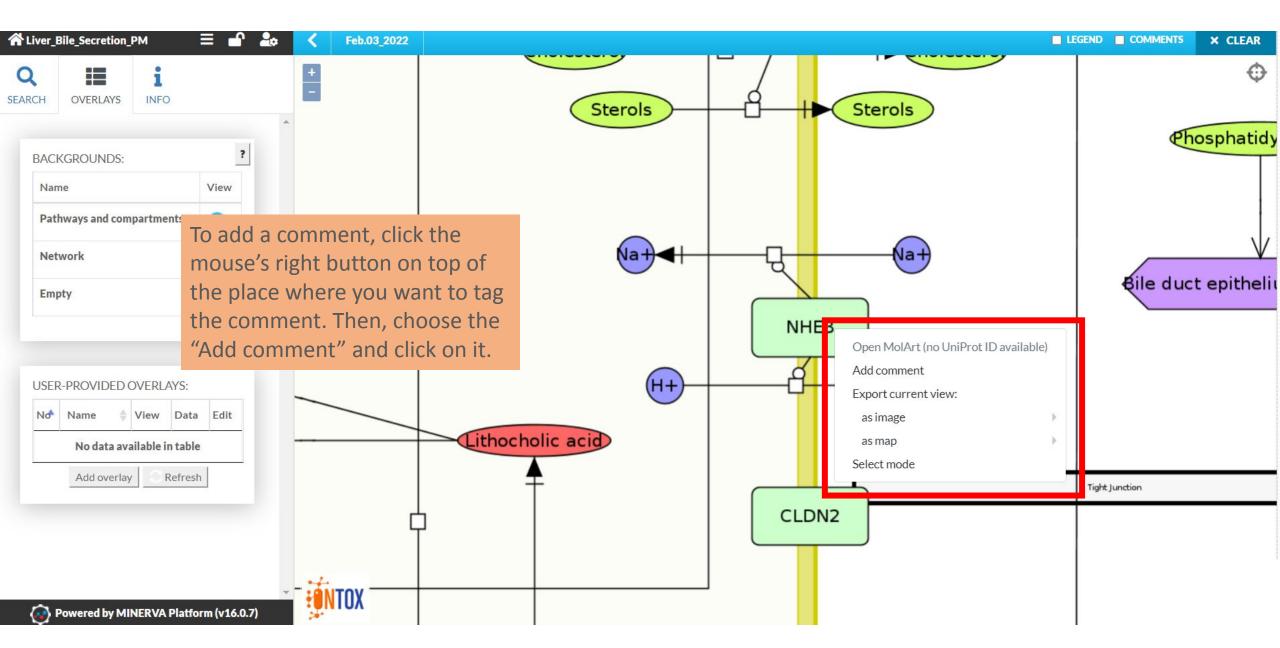


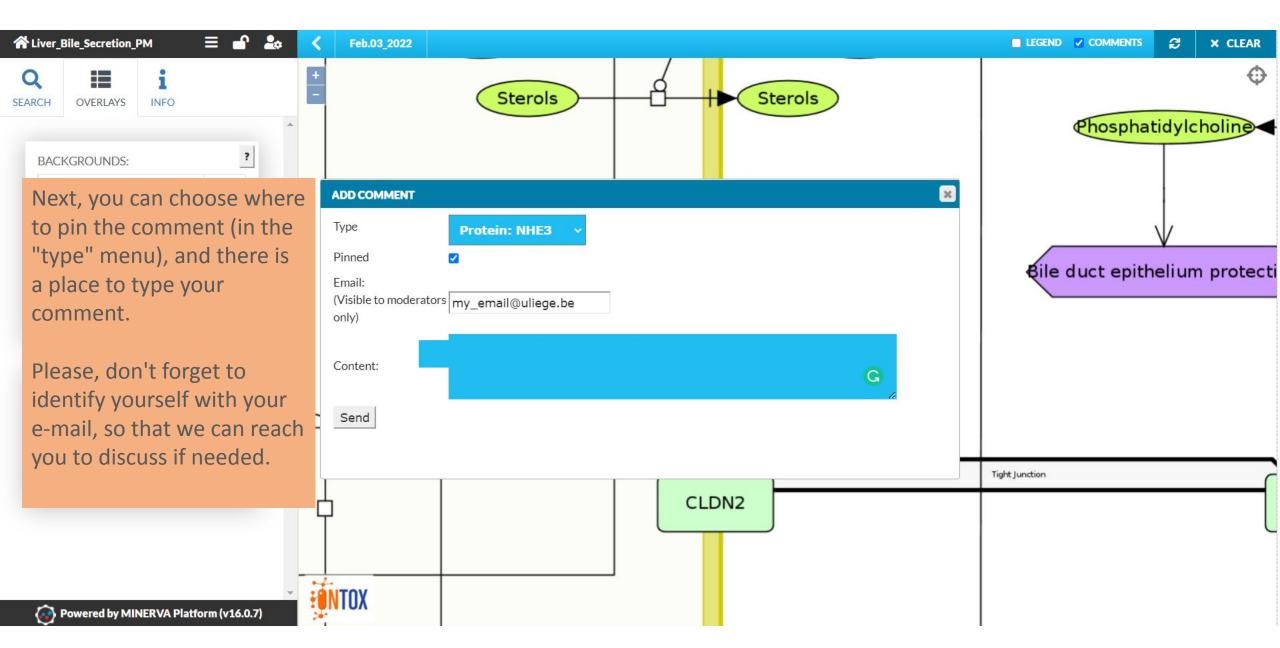


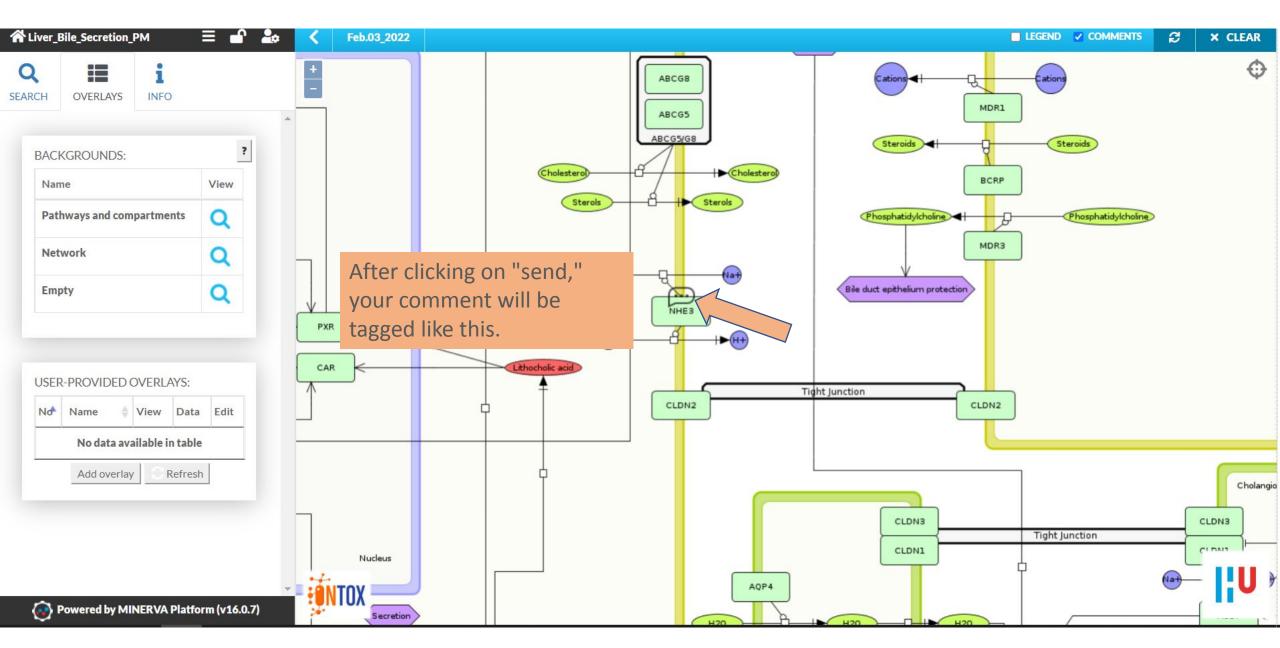


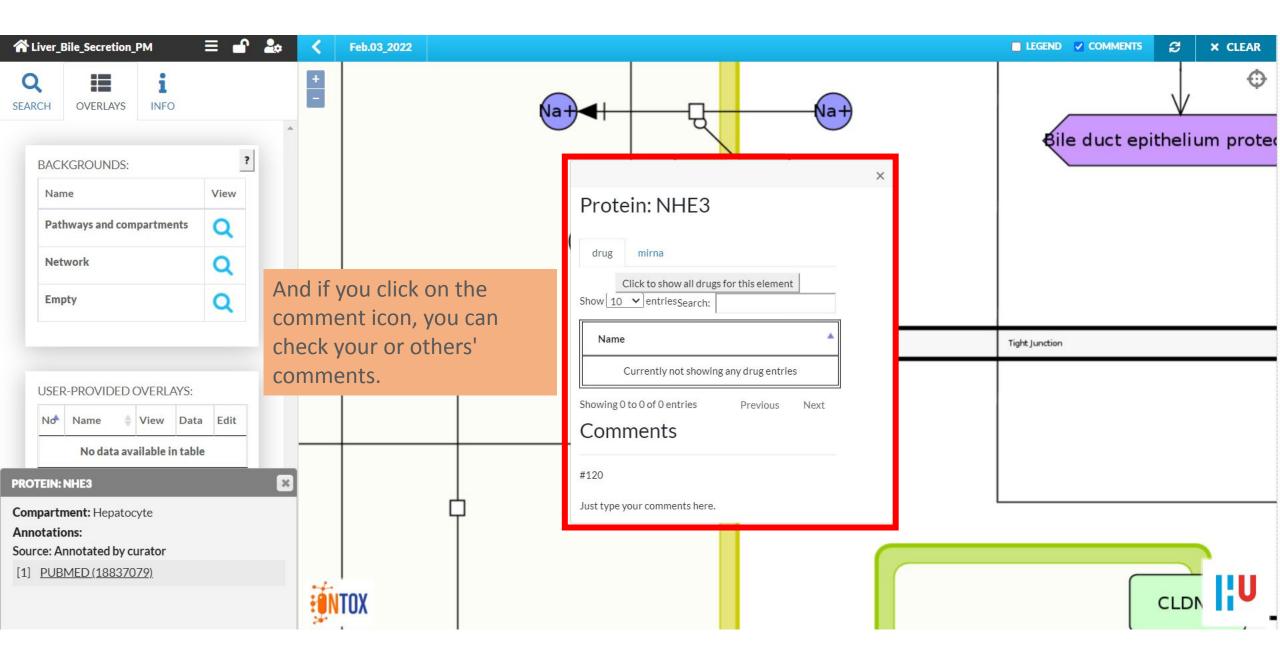
Source: https://www.celldesigner.org/features.html

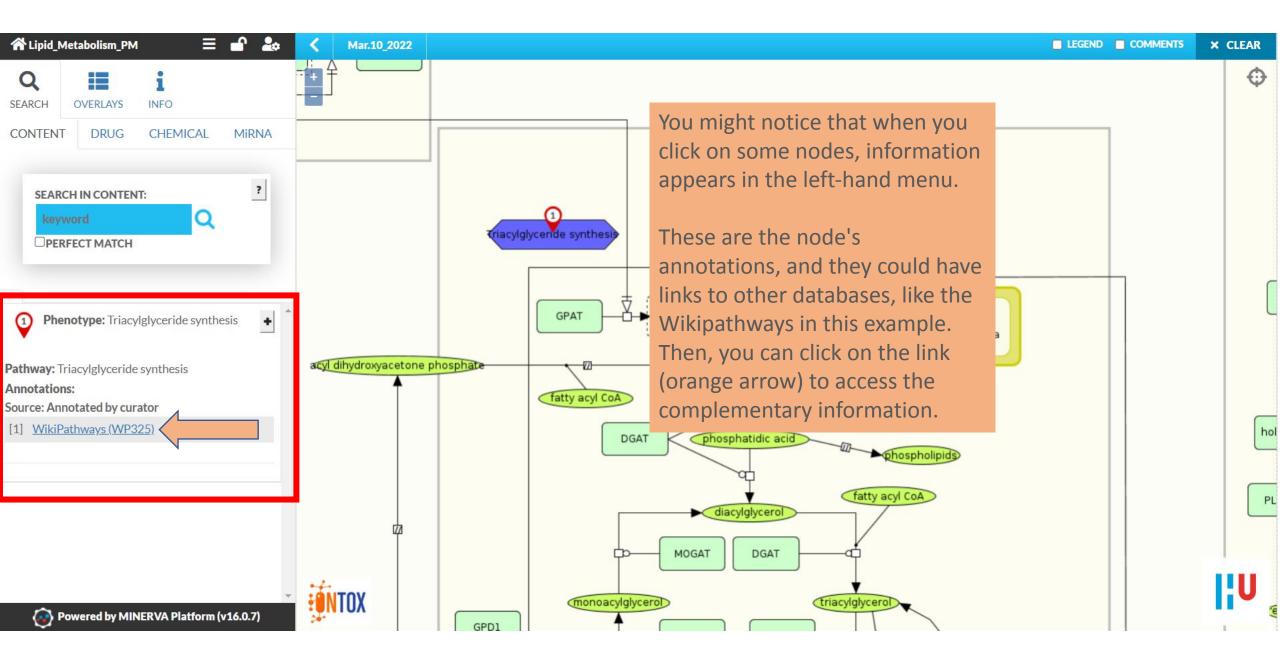












Some considerations to take into account when reviewing a map:

The physiological maps are not homogeneous: this means that different mechanisms described could have very different levels of details, and this is not necessarily a problem. If you feel that a mechanism could benefit from more details, please do not hesitate to comment.

Including a reference in your comment is of great help for us doing the upgrades of the maps. The DOI or PubMed ID of a paper might be sufficient for us to find the information, but the more details you give us, the more we benefit from your comments.

And of course, you can always send your suggestions and questions also by email.

Thank you!

Useful links:

ONTOX's Physiological Maps Curation Guidelines:

https://github.com/ontox-maps/guides and documentation/tree/main/guidelines

MINERVA user manual:

https://minerva.pages.uni.lu/doc/user_manual/v15.0/index/

Basic exploration tools:

https://minerva.pages.uni.lu/doc/user manual/v15.0/index/#basic-exploration-tools

Contacts:

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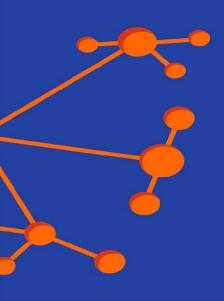
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