



## Si elegans Public Platform Functionalities Feedback / User Experience Assessment

We would love to hear your thoughts or feedback on how we can improve your experience!

\* Required

### Responder details

Name

Your answer

Email

Your answer

Would you be willing to be contacted for further functionality discussion? \*

☐ Yes

☐ No

NEXT

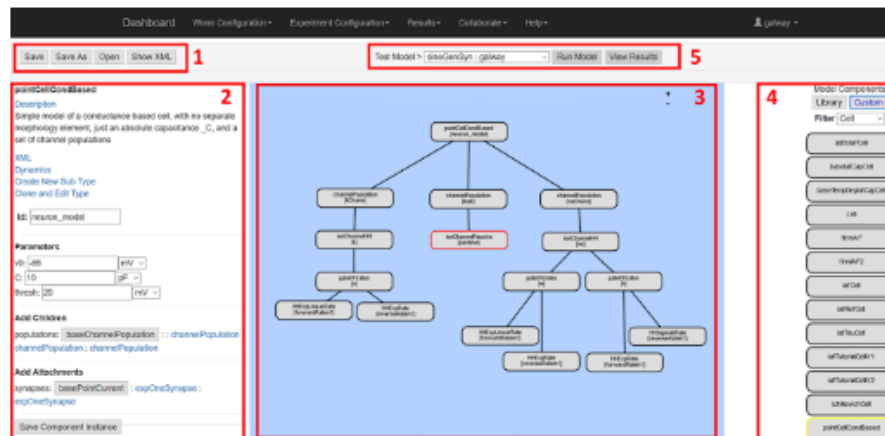
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Never submit passwords through Google Forms.

## Neuron Model Design

Please provide us with specific feedback on neuron model design tools

[https://platform.si-elegans.eu/booking/view\\_NeuronModels](https://platform.si-elegans.eu/booking/view_NeuronModels)



## Functionality Feedback

Your answer

## Evaluate Possible Future Functionalities

Improve the testing methods for neurons under development

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Expand library of neuron models to include non-electrical models (not ion-based or voltage-based) abstract models

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

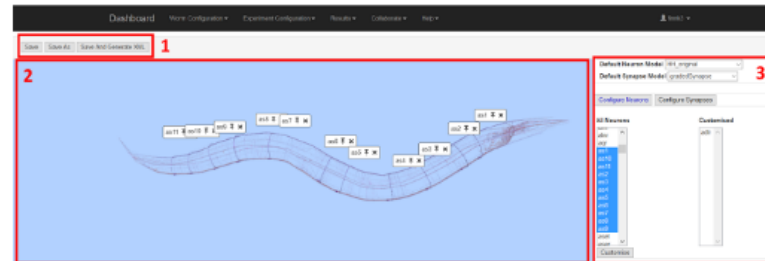
## Suggestions for Other Functionalities

Your answer

## Neuron Network Configuration

Please provide us with specific feedback on neuron network configuration tool

[https://platform.si-elegans.eu/booking/view\\_NeuralNetworks](https://platform.si-elegans.eu/booking/view_NeuralNetworks)



## Functionality Feedback

Your answer

## Evaluate Possible Future Functionalities

Enable selection of subnetworks for configuration

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Allow for the running of a network without a physics engine (standalone simulations)

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

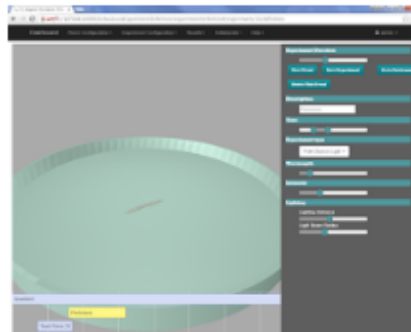
Suggestions for Other Functionalities

Your answer

## Behavioural Experiment Design

Please provide us with specific feedback on behavioural experiment design tool

[https://platform.sielegans.eu/behaviouralExperimentDefinition/experimentDefinition\\_Selection](https://platform.sielegans.eu/behaviouralExperimentDefinition/experimentDefinition_Selection)



### Functionality Feedback

Your answer

## Evaluate Possible Future Functionalities

Improve Experiment Definition 3D Realism - e.g. specify interaction are by clicking on the worm

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Richer Behavioural Repertoire

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Allow for Direct Stimuli Specification to Neuron

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

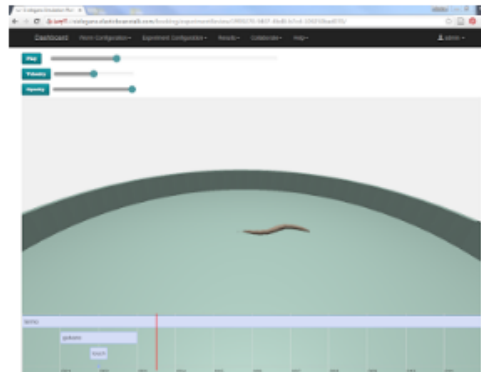
Suggestions for Other Functionalities

Your answer

## Locomotion Results Visualization

Please provide us with specific feedback on locomotion results visualization

[https://platform.si-elegans.eu/booking/view\\_PE\\_results](https://platform.si-elegans.eu/booking/view_PE_results)



## Functionality Feedback

Your answer

## Evaluate Possible Future Functionalities

Represent Virtual Experimenter Behavioural Interactions - 3D Realism

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Visualise Muscles Contraction and Relaxation

	1	2	3	4	5	
Not Important	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Important

Suggestions for Other Functionalities

Your answer

## Neuron Results Visualization

Please provide us with specific feedback on Neuron Results Visualization

[https://platform.si-elegans.eu/booking/view\\_RB\\_results](https://platform.si-elegans.eu/booking/view_RB_results)



## Functionality Feedback

Your answer

## Evaluate Possible Future Functionalities

Enable export to HDF5 format

1 2 3 4 5

Not Important

☐ ☐ ☐ ☐ ☐

Very  
Important

Enable macro analytics (activity graphs and PCA)

1 2 3 4 5

Not Important

☐ ☐ ☐ ☐ ☐

Very  
Important

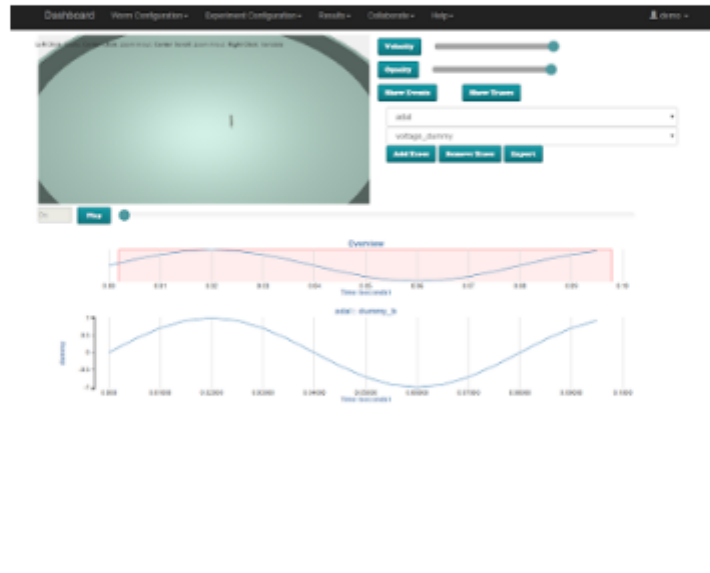
Suggestions for Other Functionalities

Your answer

## Integrated Results Visualization

Please provide us with specific feedback on the Integrated Results Visualization

[https://platform.si-elegans.eu/booking/view\\_integrated\\_results](https://platform.si-elegans.eu/booking/view_integrated_results)



## Functionality Feedback

Your answer

### Evaluate Possible Future Functionalities

Enable export to HDF5 format

1 2 3 4 5

Not Important

☐ ☐ ☐ ☐ ☐

Very  
Important

Enable macro analytics (activity graphs and PCA)

1 2 3 4 5

Not Important

☐ ☐ ☐ ☐ ☐

Very  
Important

Suggestions for Other Functionalities

Your answer

## General Usability - Usefulness Feedback

Please provide us some feedback from a general perspective

Do you prioritise execution time of your tools over usability on your daily use tools?

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

Please provide us with a general feedback on our GUIs

Your answer

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Do you require the ability to simulate sub networks of the connectome?

- ☐ Yes
- ☐ No

Would you make experiment in a in-silico emulation platform like Si elegans

- ☐ Yes
- ☐ No

Would you trust to do your experiments on an online platform or would you rather verify them locally?

	1	2	3	4	5	
Locally only	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Online only

If yes,... Please specify which usage you would give to this platform

Your answer

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If not, ...Please tell us what you're missing. (e.g Which general functionality you're missing.)

Your answer