

## National Resource for Network Biology: Student Profile of Matthias König

Matthias König enrolled in 2015 NRNB Summer of Code. He worked with his mentor, Andreas Dräger, on Cy3SBML, a Cytoscape App for importing and visualizing the content of SBML files into the popular graph exploration tool Cytoscape.

Student Project Source code:

<https://github.com/matthiaskoenig/cy3sbml>



Mentor's Quote:

“Matthias sends e-mails to the mailing list about JSBML and actively criticizes and improves this project that he also uses. He discovers bugs in online model databases and reports those and is very active.”

Where did you attend university during NRNB Summer of Code (NSoC) 2015?

I attended Humboldt University in Berlin, Germany as a student in the Ph.D. course of systems biology.

How did you first hear about the NSoC program?

From the Cytoscape mailing lists, from Twitter.

How did you first hear about NRNB and Cy3SBML?

I contributed the original code for CySBML a version of the software for Cytoscape 2 in cooperation with Andreas Dräger. I first heard of NRNB through the Cytoscape mailing lists and the Cytoscape web page.

What was your experience with NSoC?

I had a great experience with NSoC. My mentors were very helpful and supportive and made it possible to implement the project within the given time frame. I learned a lot about cooperative and open source software development.

What was your experience after NSoC?

I started mentoring a project last year and wanted to give back to the community. I got a lot of positive feedback on the developed plan. I kept contact with my mentors and started further cooperations with Andreas Dräger.

What are you doing now?

I am now a Junior Group Leader within the German BMBF Project LiSyM - Systems Medicine of the Liver at the *Humboldt Universität zu Berlin*, Institute of Biology, Institute for Theoretical Biology (<https://livermetabolism.com>). I am developing computational models of biological and medical systems and actively contributing to open source software.

What are your next career goals?

Getting additional funding for ideas I have and to found a startup/university spin-off applying computational models for personalized predictions.