

# Become part of the iGEM-Team Heidelberg 2015!



## What is iGEM?

The *International Genetically Engineered Machine competition* (iGEM) is the most prestigious undergraduate Synthetic Biology competition taking place every year in Boston (USA). Student teams from universities all over the world work at their own schools using a standardized set of biological parts and new parts of their own design to build biological systems and operate them in living cells. Projects are designed and executed by the students and supervised by renowned scientists working in synthetic biology. (More information: [www.igem.org](http://www.igem.org))



## iGEM-Team Heidelberg

The iGEM-Team Heidelberg is supervised by Prof. Dr. Roland Eils heading the eilslabs at DKFZ and Heidelberg University ([www.eilslabs.de](http://www.eilslabs.de)) and Dr. Barbara Di Ventura, head of the synthetic biology research group in BioQuant within the eilslabs. The team from Heidelberg has performed exceptionally well since their first appearance in iGEM in 2008, being the first ever German team to win the Grand Prize in the Undergraduate Category in 2013 with their project "Philosopher's Stone". In 2014, the team successfully defended the title with their project "Ring of Fire" – for the first time ever in the history of iGEM.

## Become part of an exciting project!

For the iGEM Team Heidelberg 2015, we are looking for extremely motivated students that share our enthusiasm and passion for synthetic biology. As the projects usually consist of computational and experimental work, we aim at building a very interdisciplinary team, with students of disciplines such as molecular biology, biotechnology, biochemistry, chemistry, engineering, physics and informatics.

Traditionally, iGEM teams from Heidelberg work on a topic that is brought forward directly by the students. Therefore, team members go through an initial brainstorming phase to propose original and exciting projects to the supervisors/instructors. The most promising and best-suited project is selected and the actual work can start.

## Application

Please submit your application by December 10, 2014 by email to Julia Ritzerfeld ([j.ritzerfeld@dkfz.de](mailto:j.ritzerfeld@dkfz.de)). The application should contain a CV and motivation letter.

