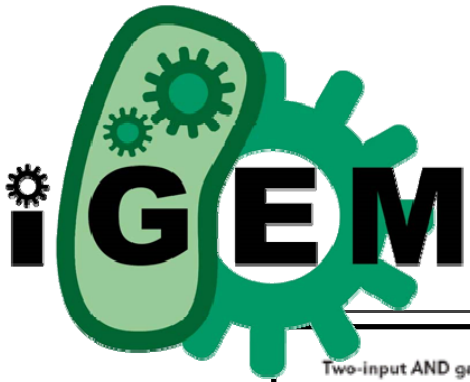




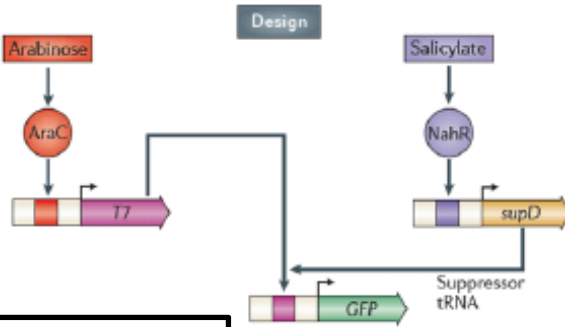
..und was ist deine Idee?

iGEM 2020 Infovortrag

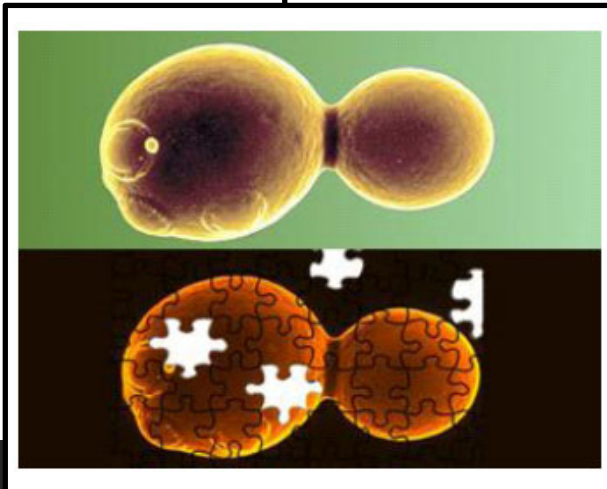
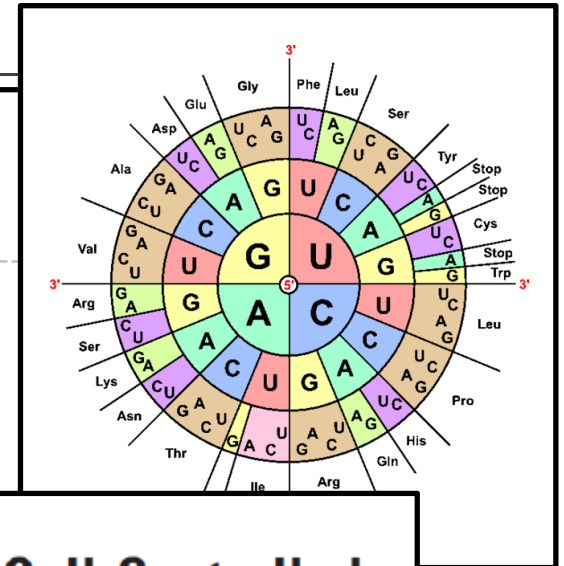
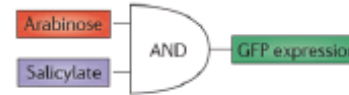


Synthetische Biologie

Two-input AND gate

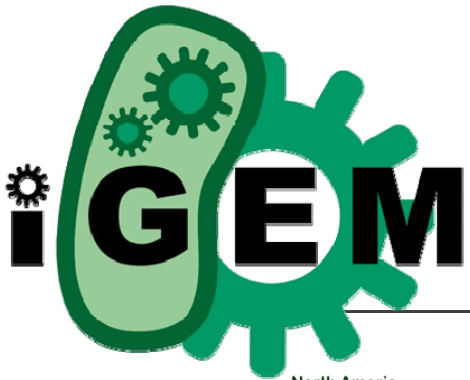


Behaviour



Creation of a Bacterial Cell Controlled by a Chemically Synthesized Genome

Daniel G. Gibson,¹ John I. Glass,¹ Carole Lartigue,¹ Vladimir N. Noskov,¹ Ray-Yuan Chuang,¹ Mikkel A. Algire,¹ Gwynedd A. Benders,² Michael G. Montague,¹ Li Ma,¹ Monzia M. Moodie,¹ Chuck Merryman,¹ Sanjay Vashee,¹ Radha Krishnakumar,¹ Nacyra Assad-Garcia,¹ Cynthia Andrews-Pfannkoch,¹ Evgeniya A. Denisova,¹ Lei Young,¹ Zhi-Qing Qi,¹ Thomas H. Segall-Shapiro,¹ Christopher H. Calvey,¹ Prashanth P. Parmar,¹ Clyde A. Hutchison III,² Hamilton O. Smith,² J. Craig Venter^{1,2*}



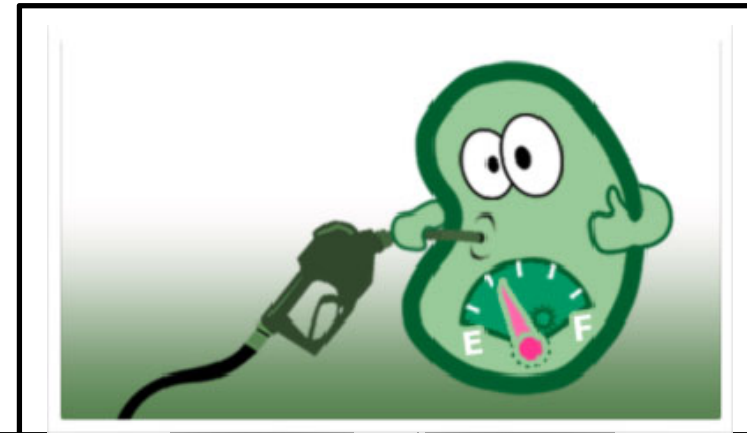
international Genetically Engineered Machine Competition



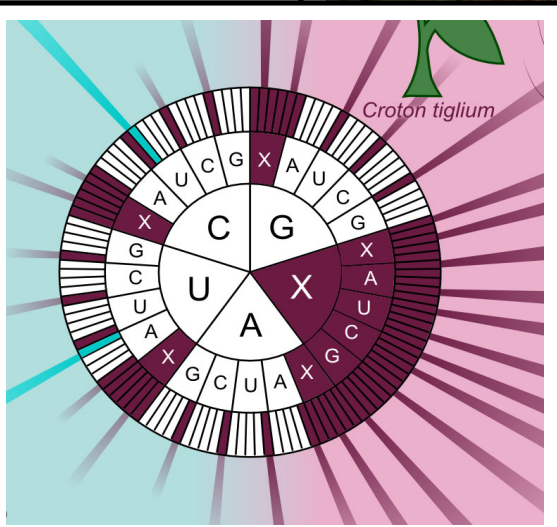
- Synthetische Biologie
- Finale in Boston (USA)
- Über 300 Teams 2017
- Nicht kommerziell
- Pokale, Medaillen, Urkunden,
- Track, Safety, Special awards
 - Food & Energy, Health & Medicine, Software
- Hauptpreis “BioBrick”

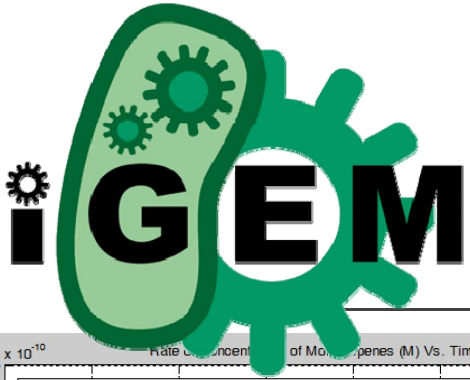


iGEM-Projekte

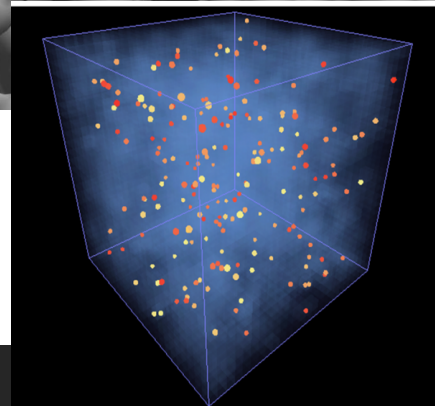
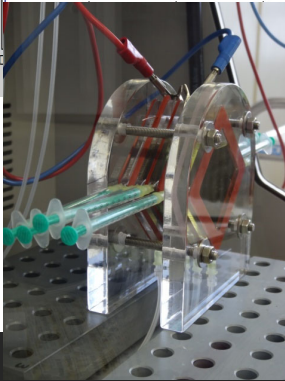
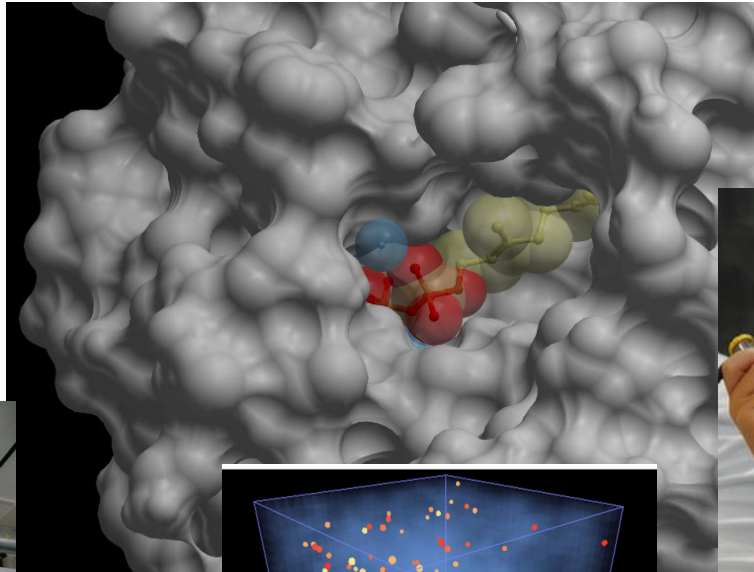
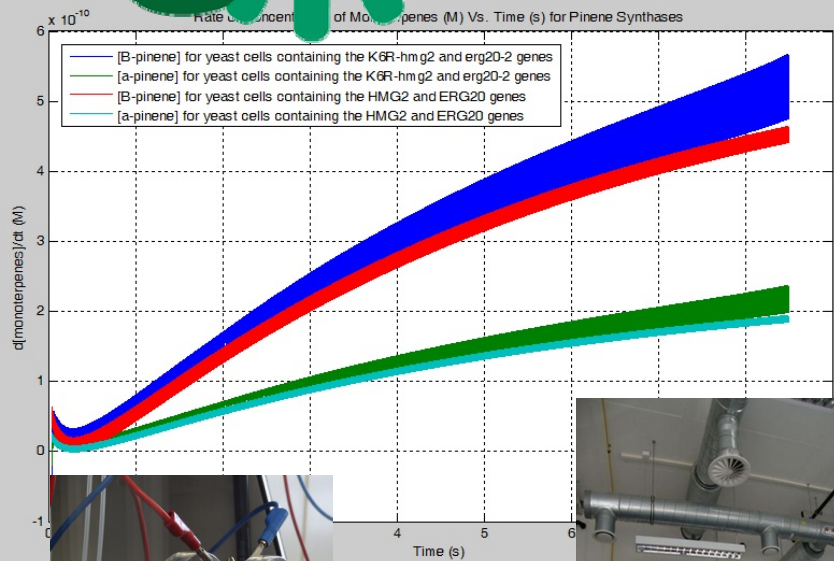


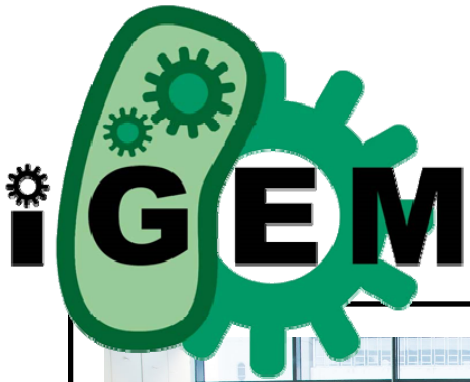
Innovative Ideen
gesucht!



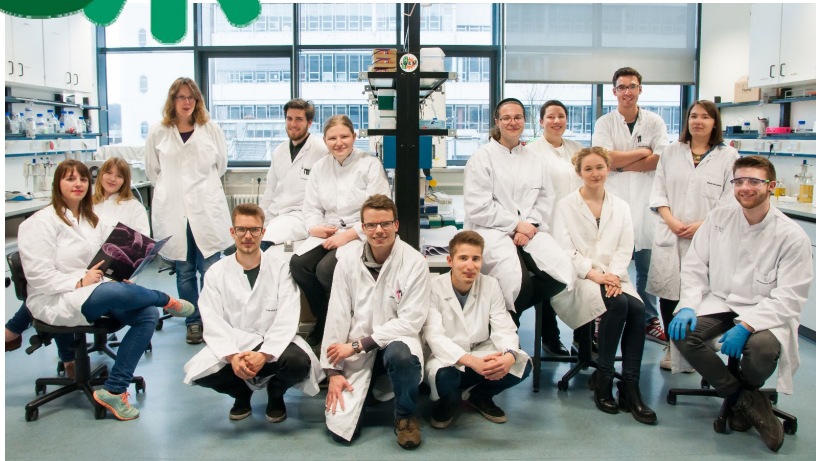


Interdisziplinäre Aufgaben – Interdisziplinäres Team !



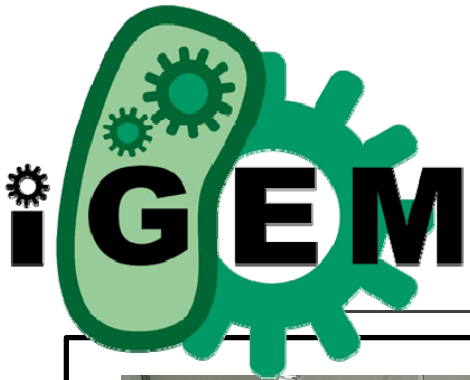


Was erwartet mich? Ein iGEM Jahr in Bildern



Januar

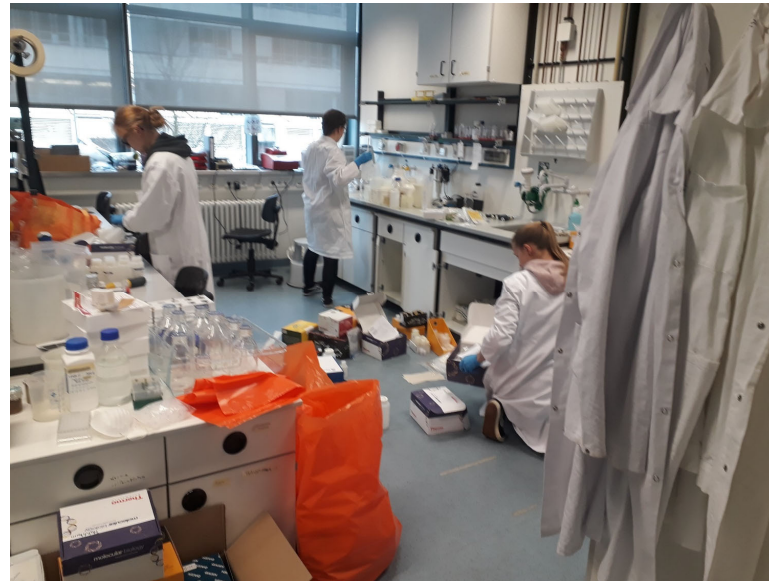




Was erwartet mich? Ein iGEM Jahr in Bildern



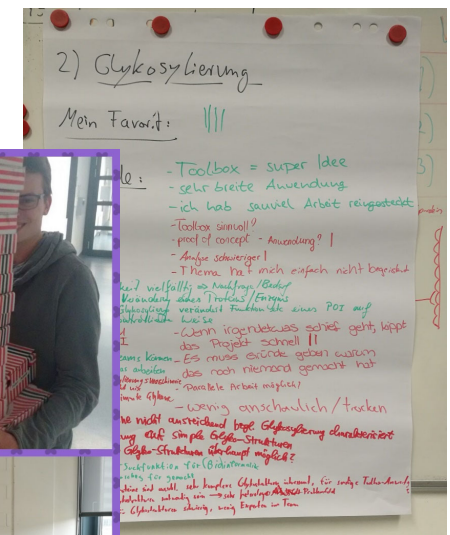
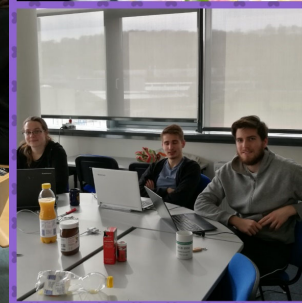
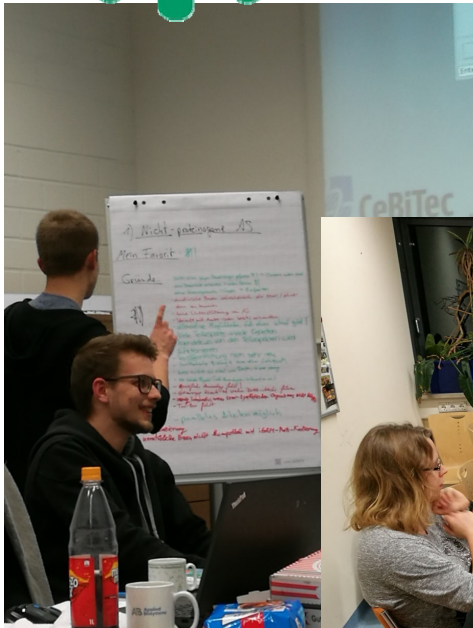
Februar





Was erwartet mich? Ein iGEM Jahr in Bildern

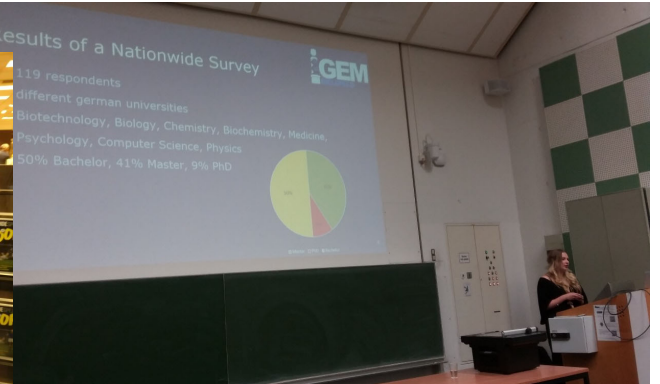
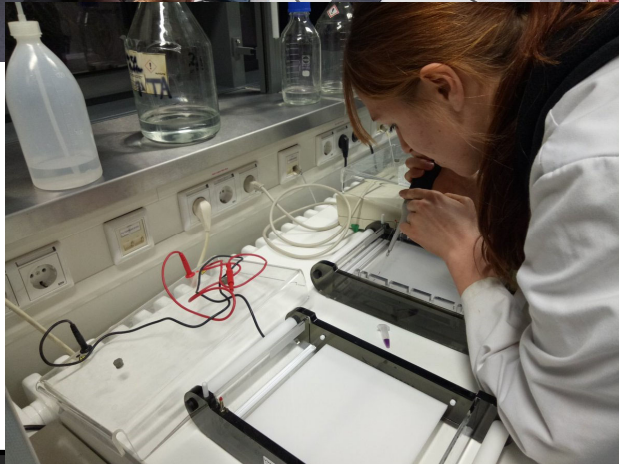
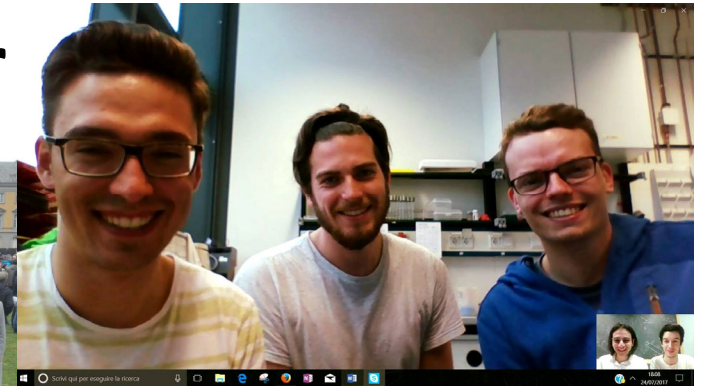
März

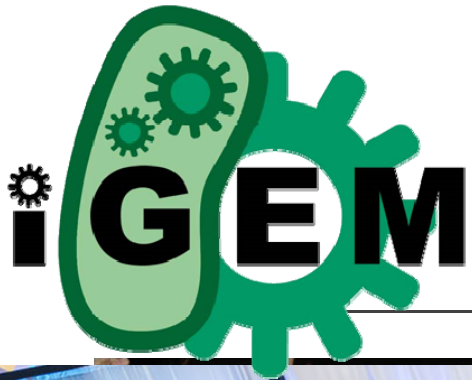




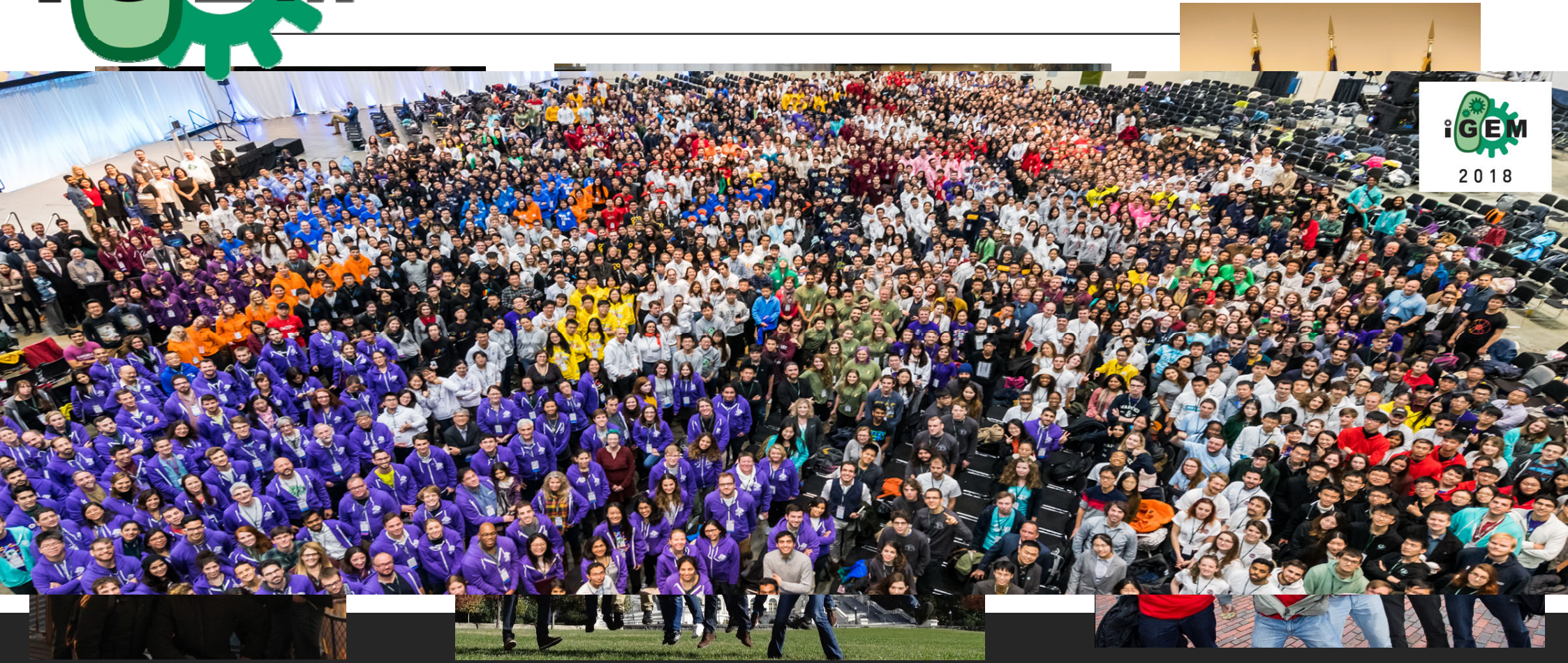
Was erwartet mich? Ein iGEM Jahr in Bildern

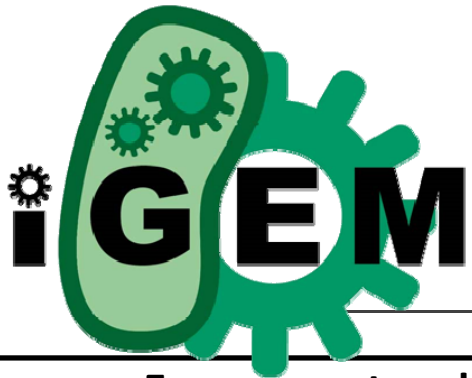
April-Oktober





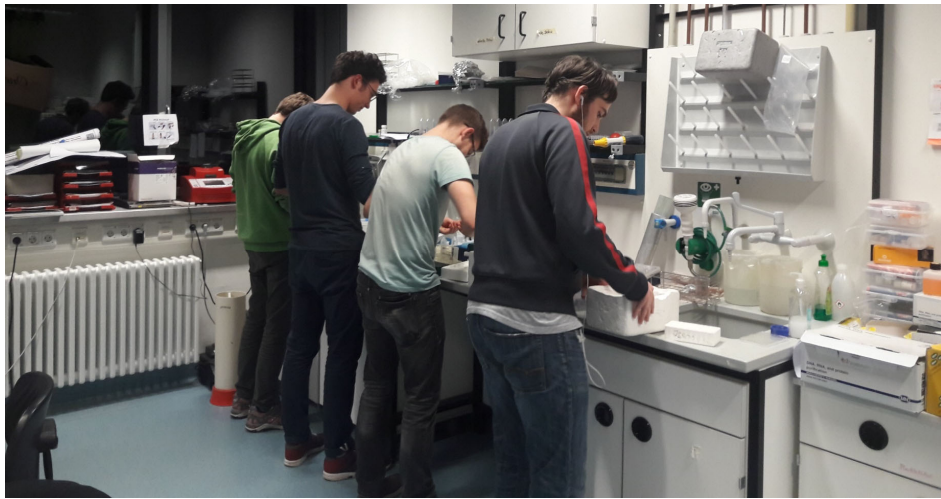
Finale in Boston – Giant Jamboree





Was wird von mir erwartet?

Engagement und Zeit



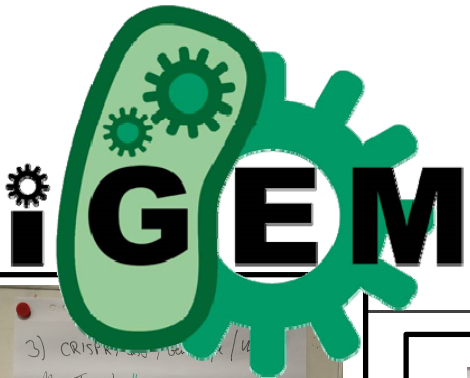
Teamfähigkeit



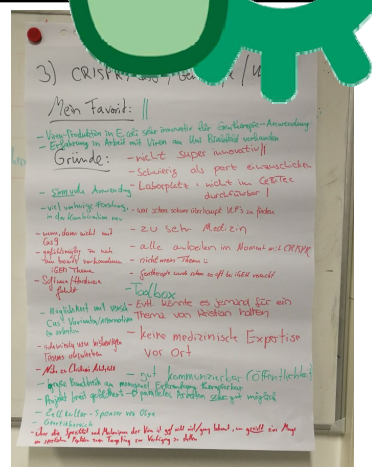
Spaß an molekularbiologischem Arbeiten



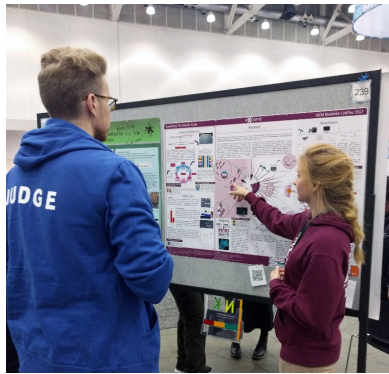
Vorwissen? Hilft, ist aber keine Voraussetzung!



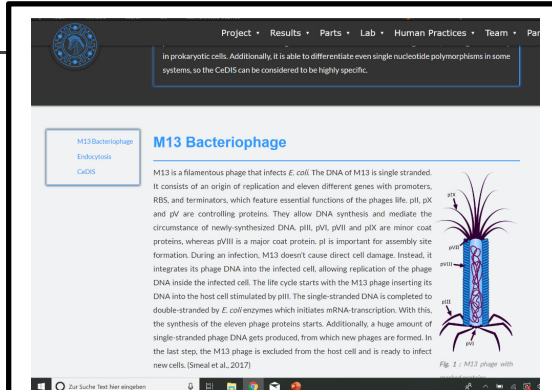
Was werde ich lernen?



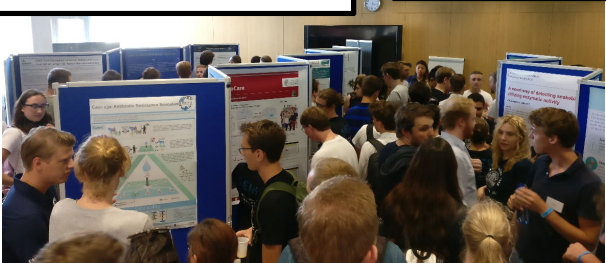
Projekte planen



Englisch verbessern



Wissenschaftliche Texte lesen & schreiben



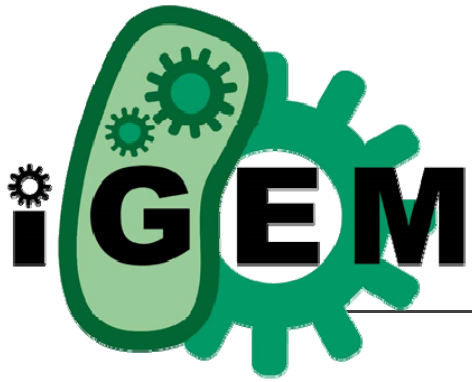
Kontakte zu Experten und Nachwuchswissenschaftlern auf der ganzen Welt knüpfen



Wissenschaftskommunikation



Ein Team zu organisieren



Vielen Dank für die Aufmerksamkeit! Fragen?

Bei weiteren Fragen zu iGEM:

vinke@cebitec.uni-bielefeld.de



**WHAT PEOPLE THINK I'M
DOING IN LAB**



REALITY

