

February 2012

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1 Let's form an iGEM TEAM!	2 We searched team members	3 We searched team members	4 We discuss ideas	5 We slept
6 We searched team members	7 We searched team members	8 We searched team members	9 First official meeting with Dr. Agustino Martinez.	10 We searched team members	11 We discuss ideas	12 We slept
13 We searched team members	14 Team members were READY!	15 We read articles	16 We read articles	17 We read articles	18 We discuss ideas	19 We slept
20 iGEM 2012 Registration open	21 We read Article's reading	22 We read Article's reading	23 We read Article's reading	24 We read Article's reading	25 We discuss ideas	26 The IDEA for the project was READY!!
27 We searched two more instructors in IPN and UNAM.	28 We searched a lab to work	29 We searched a lab to work				

March 2012

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1 We read more articles	2 We read more articles	3 Group meeting	4 We slept
5 We prepared the first protocol of the idea.	6 Instructors was READY!	7 We read more articles	8 Meeting with BioSintética president Geronimo Villanueva for sponsorship	9 We started to think in money...	10 Donation of some registry parts from UNAM-GENOMICS	11 We slept
12 First protocol ready!	13 First experiments in IFC's LAB	14 We recovered the first to Butbrick parts	15 ICyT sponsrosHIP meeting.	16 Protocol review	17 Dr. Agustino gave us lab material! Thanks!	18 We slept
19 We learnt techniques	20	21	22 We built the first two parts of the registry for the butanol construction	23	24 Group meeting	25 We slept
26 We read about our chasis	27 We made a list of things we need	28 Vacation	29 Vacation	30 Vacation	31 iGEM 2012 Registration closes	

April 2012

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

						1
2 Protocols for CB and Sis media for <i>R.</i> <i>Sphaeroides</i> were ready.	3 We started to work at IPN-ESM LAB	4 We prepared maeterial	5 We prepared maeterial	6 We waited for primers	7	8 We slept
9 We prepared maeterial	10 We prepared maeterial	11 We looked for reagents we don't have	12	13 OSLI sponsorship request.	14	15 We slept
16 We extracted parts from the 2007 plate for butanol construction	17	18 We looked for more sponsors.	19	20 Not positive transformation from the 2007 parts Ö	21	22 We slept
23 First growing kinetic of <i>R.</i> <i>Sphaeroides</i>	24 DNA extraction with two kits	25 First experiments of PCR	26 Knowing our bacteria, growht parameter in diferent condition	27 OSLI sponsorship request.	28	29 We slept
30						

May 2012

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1 We have trouble with PCR, beacouse of the high content of G's in tje genome	2 We have trouble with PCR, beacouse of the high content of G's in tje genome	3 We have trouble with PCR, beacouse of the high content of G's in tje genome	4 <i>R. sphaeroides</i> grows too slow!!! ☹	5	6 We slept
7 We prepared material for <i>R. palustris</i> growing kinetic	8 First growing kinetic of <i>R. palustris</i>	9	10	11	12	13 We slept
14 ICyT is a sponsor. THANKS!	15 We achieve to amplify two genes with RT-PCR	16	17	18 <i>R. spalustris</i> grows too slow!!! ☹	19	20 We slept
21 First seminar at CINVESTAV-IRAPUATO	22 We decide to synthesize our genes	23	24 Waiting for the plate of 2012	25	26	27 We slept
28 Custom problems with in México noooo!.	29	30 Preparing more growing kinetics, with different parameters.	31			

June 2012

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

				1	2	3
						We slept
4	5	6	7	8	9	10
Exam	Exam	Exam	Exam	Exam		We slept
11	12	13	14	15	16	17
Alberta's ButBrick parts arrived! Thank You!!!		We worked with Alberta's parts...		classes finished.... AT LAST!!!		We slept
18	19	20	21	22	23	24
We ordered the gene synthesis	Some members of the group went to San Francisco.		We reviewed conjugation protocol for <i>R. sphaeroides</i>			We slept
25	26	27	28	29	30	
SynBio Summer Workshop started!.	Daniel F. H. Gardiol came from URUGUAY! Welcome!!	Team members returned from San Francisco.		Last meeting before the summer internship at CINVESTAV-Irapuato	We got ready for the summer!	

July 2012

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1 First two members arrived at CINVESTAV
2 We started to help in SynBio Summer Workshop.	3 We split the group into small projects	4 Training session in SynBio Summer Workshop.	5 Training session in SynBio Summer Workshop.	6 Training session in SynBio Summer Workshop.	7 Training session in SynBio Summer Workshop	8 Second part of the team arrived to CINVESTAV
9 Promoter characterization activities began.	10 We prepared material.	11 Parts were recovered from 2012 plate	12 GENES ARRIVED, let's start <i>E. Coli</i> transformation	13 First Colonies, cultures and wait.	14 Miniprep, digestion and run an electrophoresis gel.	15 First ligation of the genes, to plasmid backbone of 2012 plate
16 Construction of measurement kit promoter characterization.	17 Ligation A of intermediate construction of our two system	18 Cultures of 6h, miniprep, digestion, purification, ligate.	19 Transformation	20 Ligation B (PrrA and PpsR promoter), overnight culture	21 Miniprep, digestion, purify and ligate. Transformation	22 Ligation C and D (intermediate construction) Overnight culture.
23 Ligation E, some problems, only 2E present 1 colony. Overnight Culture	24 2E positive colony!, light system ready Ligation 1E negative. Overnight culture.	25 Miniprep, digestion, purify and ligate. Transformation	26 Ligation 1E, 6h culture, miniprep, digestion, and confirmation	27 Ligation 1E positive, Miniprep, digestion, purify and ligate.	28 Transformation	29 Victor X3 Multilabel Plate Reader
30 Ligation F no colonies in the petri dish, Overnight cultures.	31 Miniprep, digestion, purify and ligate. Transformation					

August 2012

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1 Ligation F, finally present four colonys. Overnight culture.	2 Ligation F, positive!, second system ready!.	3 Overnight culture of some parts for ligate to psB1C3	4 Miniprep, digestion, purify and ligate.	5 Transformation
6 No colonys!!!.. Panic., Once again, digestion, purify and ligate.	7 Colonys in the petri dish!.. Ligation G, big colonys!. Overnight culture.	8 Miniprep, digestion, purify and confirmation of insert.	9 PCR confirmation and Nanodrop cuantificatio n	10 Overnight culture of the last parts for ligate to psB1C3	11 Miniprep, digestion, purify and ligate.	12 Transformation
13 Colonys in al H ligation, overngiht culture.	14 Miniprep, digestion, purify and confirmation of insert.	15 Great!!!.. Everything was in psB1C3	16 Getting raedy for leaving to Mexico city, back to classes	17 iGEM meet up!.	18 Bye CINVESTAV	19 We Slept finally!
20 Back to classes	21 Back to the lab at UNAM.	22 Overnight cultrues of the two systems and promoters.	23 Miniprep, digestion, purify and ligation to prk415.	24 First colonys, overnight cultures	25 Miniprep, digestion, purify and confirmation of insert.	26 We Slept finally!
27 ButBrick construccin with all the system start.	28 Growing <i>R. sphaeroides</i> and <i>R. palustirs</i> for transformation.	29 Prepare materials for conjugation of <i>R. Growing R. Sphaeroides</i> and <i>R. palustirs</i>	30 Culture of <i>R. palustris</i> and <i>R. sphaeroides</i>	31 Everything ready for Conjugate. Overnight culture of the systems and promoters.		

September 2012

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

					1	2
3 6h fresh culture, First biparental conjugation .	4 Spread bacteria in LB plates and SIS plates.	5 We waited for colonies	6 We waited for colonies	7 We waited for colonies.... TIC-TOC	8 Finally some colonys in <i>R. Palustris</i> . AT LAST!!	9 Culture of colonies in anaerobic and aerobic conditions.
10 Bacterial growth.. Not ready!!!	11 6h fresh culture, for the First Triparental conjugation	12 Spread bacteria in LB plates and SIS plates.	13 We waited for colonies	14 We waited for colonies TIC-TOC	15 Finally some colonys. AT LAST!!	16 Culture of colonys in anaerobic and aerobic conditions.
17 Sample Preparation for Flow cytometry	18 Flow cytometry	19 Flow Cytometry and Fluorescence microscopy	20 Fluorescence microscopy	21 Finished Experiments!	22 Synthetic biology symposium WIKI!	23 WIKI
24 WIKI sending parts.	25 WIKI: all day all night!!	26 Wiki Freeze	27	28	29	30