



- Biotechnology in our life -

## SCHÜLERBERICHTE PROJEKTTREFFEN 2017/2018

des von der Europäischen Union unterstützten internationalen Projektes

**Zweites Projekttreffen:** 04. – 08. Februar 2018  
Haarlem  
Niederlande

*Report from Lynn, Larissa, Sofie and Rijk  
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We started the week on Sunday. All the students had to come to the school by bike, which was an adventure. We were all looking forward to this day because we all wanted to see each other again and welcome the foreign students to our beautiful country and in particular our city, Haarlem. We started the day by catching up a bit with all the students and then we had a short introduction speech from our teacher. After that we were ready to immediately start a practical work. This was a very cool practical work. We were going to make bioplastics!



We were all in international groups, which was a lot of fun because we could catch up and get to know each other a little bit better. To make the bioplastics we needed potatoes and some other “ingredients”. We all thought it was quite funny that we were making plastic out of potatoes. During the practical work there were some steps in which we needed to wait for a couple of minutes. During our waiting time some people went to see the rehearsals for our school concert, this was a lot of fun.

After the practical work we had lunch and we were then ready to go to the city centre of Haarlem, to give all the foreign students a tour of the city. We told something about the markets, we walked through some typical Dutch streets and then walked along the canals. When we were done with the tour some groups went shopping or discovered the city a bit more.



The second day of the program, Monday, we had planned an excursion to the Bioscience Park in Leiden.

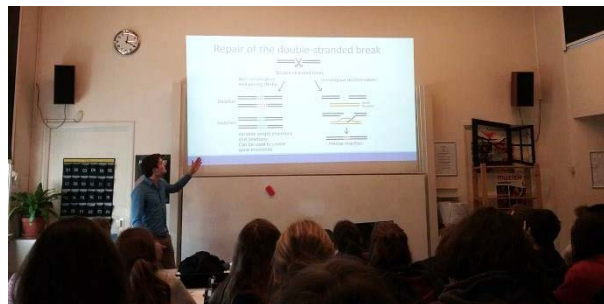
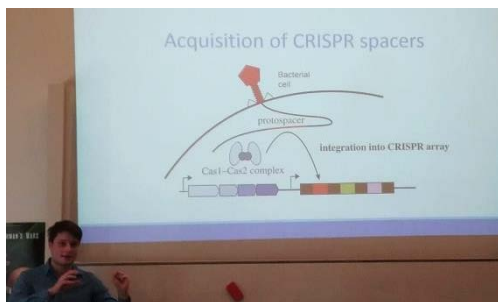


In total we had about five readings and we visited a company called CHDR, Centre For Human Drug Research. The trip to Leiden was extremely interesting because we learned a lot about different types of companies and technologies. The best thing about Leiden was the reading and the visit at CHDR.

We got a tour through the building and we saw some of the techniques that are used for drug research. We believe that everyone had a good time in Leiden and we all learned new things about biotechnology. In the evening we went bowling with everybody, all the hosts came as well. We had a great time!



Tuesday started off with working on the article and poster! After this we had a lecture about CRISPR-Cas, which is a method for modifying DNA. We believe that everybody thought that it was quite interesting.



After the lecture we went to a pancake restaurant and had a delicious lunch! After our amazing lunch, we cycled to the beach. When arriving on the beach we all had fun in the very strong wind. To end the day, we went ice skating with all the hosts as well!!





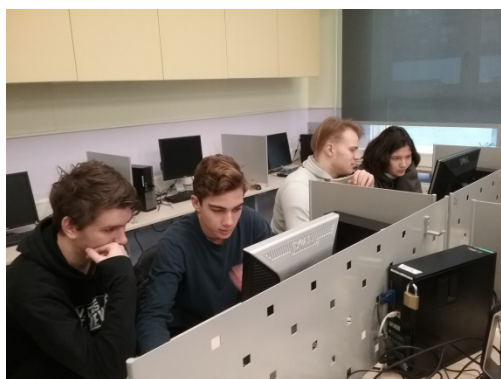
Wednesday the 7th, the group visited Avantium in Amsterdam. We followed a lecture by Tom van Aken about renewable chemistry to avoid climate changes. After this lecture, we had a tour through the lab. It was very interesting because you could get a very clear view of working in a lab.



After lunch the group visited the science museum, NEMO, in Amsterdam. It was a fun and informative trip. The combination of fun and learning new stuff is the best. After visiting the museum, we were all invited to drink something on the roof of the museum with a beautiful view of Amsterdam.

After that the group was allowed to visit the city of Amsterdam till 7 PM because that was the time the group needed to be at the restaurant DE BEREN in Haarlem. The group had dinner together because it was the last evening.

On Thursday, we first worked on the article and the poster in our pairs.



After we worked on our articles and our posters we had lunch and the headmaster from the school gave us a short talk. We also went to see how our bio-plastic had turned out. It was so cool to see what we made! Later on we worked on the article and the poster again and we finished them! And then it was time to say goodbye :(

We all had a great time this week and we couldn't wait to see everyone again in Estonia!