

### Verification of IFMSA Exchange Duration

I confirm by signing this form, that exchange student

Adam Chudoba (name and surname)

from FM of Palacky University in Olomouc, Czech Republic has successfully completed

in period of 30/07 - 31/08/2017 (dd/mm - dd/mm/yyyy)

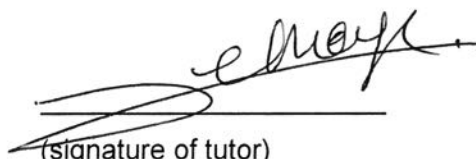
Professional / Research Exchange Program project

How do bacteria protect their envelope (title of project)

in de Duve Institute (department and institute)

in Brussels, Belgium (town, country).

[This form is only for use of Office for Student Affairs of FM of Palacky University in Olomouc]



(signature of tutor)

ANTOINE DELHAYE

(name and surname of tutor [block letters])

# Project Description

This section is to be filled in during the meeting with the supervising tutor, on the first day of the exchange, while referring to the related Project Form that would be provided by the hosting LORE.

The aim of this section is for the student and his tutor to agree on the research project's requirements and goals that should be referred to during the exchange.

Name of the Research Project:

How do bacteria protect their envelope: opening the ways to the design of new antibiotics ✓

Name of the Department/Institute:

De Duve Institute of UCL

Supervising Tutor (Name, E-mail, Phone):

Antoine DELHAYE, a.delhaye@clausain.be, +32 472 6735 81

Specific goal of the Research Project (Research Question):

~~The~~ The goal is to understand how an envelope stress response system communicates with a lipoprotein of the OM of *E. coli*

What is the exact role of the student in the research project?

The student will assist the tutor on his day to day life in the lab, learn about the research project and experimental procedures. He will perform experiments, both supervised and unsupervised.

Special remarks (any point you would like to highlight can be mentioned here):

✓

# Regular Assessment

## Mid-Exchange Appraisal:

This section is to be filled in during a meeting between the student and his/her supervising tutor at the end of the first two weeks of the exchange, in order to assess the student's progress and involvement in the research project so far.

Instructions to the supervising tutor:

- (1) Please go through the previously filled in log entries form to assess what the student has achieved so far;
- (2) Discuss with the student specific points or learning experiences that you find particularly interesting or important;
- (3) If the student failed to meet certain expectations/requirements, please write them down and try to clarify these aspects with him/her personally;
- (4) Give guidance on what you would like to see the student achieve over the remaining two weeks. If necessary, suggest scientific literature or additional activities that could be helpful to the student.

### Supervisor's comments

Adam has excellent grasp/understanding of complex issues in biochemistry and microbiology despite having only the background of a 2<sup>nd</sup> year medicine student. He is motivated, disciplined, and on the path to independence for many practical aspects.

### Student's comments

What did I achieve/learn during the first two weeks? How was my overall learning progress?

I learned how to prepare samples for gel, learned to do a transfer and the whole WB itself. Also practiced a lot of pipetting and performed sucrose gradient, which I think, was the best experiment.

What steps need to be taken to make better progress? How could I improve my approach?

I need to keep my head cold, not to panic, also need to make my pipetting more precise and get used to counting concentrations from the top of my head.

# Regular Assessment

## End of Exchange Appraisal:

This section is to be filled in during a meeting between the student and his/her supervising tutor at the end of the end of the exchange, in order to assess the student's progress and involvement in the research project so far.

Instructions to the supervising tutor:

- (1) Please go through the previously filled in log entries form to assess what the student has achieved during the last two weeks and evaluate his progress comparing to the first two weeks;
- (2) Discuss with the student specific points or learning experiences that you find particularly interesting or important;
- (3) If the student failed to meet certain expectations/requirements, please write them down and give him/her constructive feedback/guidance about what he could have done better.

### Supervisor's comments

The exchange is a success, Adam gained almost total independence in only a month time, impressive.

Not much to add...

### Student's comments

What did I achieve/learn during the first two weeks? How was my overall learning progress?

I deepened my knowledge in other topics of microbiology as well as I practised staple techniques of laboratory work repeatedly.

What steps need to be taken to make better progress? How could I improve my approach?

Definitely need to focus on plasmid modification techniques. ~~as well as~~ In addition, I would love to improve my results interpretation skills.

## General Evaluation of the Student's Performance

This section has to be filled in by the supervising tutor at the end of the research exchange in order to evaluate the overall student's performance in his/her assigned research project.

Please note that in order for the student to receive their Exchange Certificate, he/she must have at least scored a mark of 3 ("met expectations" using the scale below from 1 to 5 points) in at least half of the boxes in the following checklist. If the student has succeeded in doing so, please sign his/her certificate.

Professionalism	Score 1 (poor) - 5 (excellent)
Punctuality and attendance	5
Professional attitude and behavior; respect for ethical principles	5
<b>Collaboration</b>	
Collaboration with colleagues	5
<b>Management</b>	
Ability to work independently	5
<b>Communication</b>	
Communicate research results in a written or spoken form	4
Communicate appropriately in English and/or in the local language	5
<b>Erudition</b>	
Adequate preparation for and theoretical knowledge in project field/topic	5
Learning attitude and motivation	5
Acquisition of skills and knowledge about project field/topic	5

# General Evaluation of the Student's Performance

Has the student attended 80% of the required working hours?

YES ☒ NO ☐

Are you otherwise satisfied with the student's performance?

YES

What is your general evaluation of the student? Do you have recommendations and areas to improve for the student?

Excellent student. In this kind of lab,  
A month is a very short time, and usually too  
little to accomplish anything significant, but  
Adam managed to... If he wanted to  
me do a thesis here, I'd hire him instantly.  
The only piece of advice I would give him  
is to try to keep a cool head ~~un~~ when he's  
under pressure...

I, Antoine DELHAYE have read through this Logbook and testify that the  
(Name of the Supervising Tutor)

student Adam CHUDOKA has successfully used this document to meet the academic  
(Name of the Student)

standards required by LF UPOL  
(Name of the Department/Institute, Country)

Signature & Stamp: