Pracovná stáž – NEMECKO
Universität LEIPZIG

Martina Strnadová













STAND UP
for
DIVERSITY


vedator_sk 4m
Übersetzung anzeigen
Martina ma oslovila v električke a spýtala sa na kvantovú gravitáciu! A potom povedala, že vďaka podcastu s Petrou Hamerlík sa dostala na stáž, teraz sa chystá robiť vedu (chémiu) vo svete!
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ironia 1h
Übersetzung anzeigen
@knizetko @misotomek
@ironia @zijemvedu má to zmysel!
Made my #piatocek
Nachricht senden
I'M NOT CRYING....YOU ARE!!!
11:54
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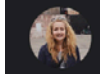
@knizetko @misotomek
@ironia @zijemvedu má to zmysel!
Made my #piatocek
WOW
Nachricht senden



ich 24. 2.

an torsten.schoeneberg

Dear Prof. Dr. med. Torsten Schöneberg,

My name is Martina Strnadová and I am reaching out to you regarding opportunities for a summer internship in your group. I found out about you thanks to Daniel Matúš, who gave me your email address. I hope that you do not mind and that you will read my request. Currently, I am in my first year of master's degree education at the Faculty of Chemistry, University of Technologies in Brno, where I specialize in medicinal chemistry applications.

I am looking for some new opportunities to explore future career options. I wish to continue with my education and obtain a master's degree. I have been dreaming about helping people since I was in kindergarten. My mum is an eye doctor and growing up in her ambulance was something incredible. That is maybe why I decided to try medicine. I was unlucky and I did not get through. I started to study chemistry on VUT and after nearly four years, I can proudly say that I am not regretting my choice at all. I know that with my field of study, I can help people in a different way, and I came to love laboratory work.

During my studies, I had a number of short internships in laboratories with focus on inorganic chemistry, physical chemistry, analytical chemistry, biochemistry, and microbiology. Thanks to that, I have a knowledge of various chemistry techniques and principles.

In the third year of high school, I won a physics competition (Cascade) and went to Prague to spend a week in a laboratory of biochemistry in Bulovka. The aim of the experiment was to find out if we can protect our DNA from ionization. We used X-Ray radiation as a source of ionization to denaturate the DNA. Afterwards, the DGGE (Denaturing Gradient Gel Electrophoresis) technique was used to separate the nucleic acid and determine the degree of damage caused by radiation. We successfully verified the hypothesis that some amount of ethanol concentration can protect the DNA. It was my first experience of working in laboratory and since then I have been dreaming of returning into the lab and becoming a researcher.

Thank you for your time and kind consideration. It would be a great honor for me to be part of your laboratory group at least for a while. If you have any questions, just write to me.

Sincerely,

Martina Strnadová

CV_STRNADOVA.pdf

PDF

Schöneberg, Torsten 25. 2.

an mich, Björn

Dear Ms Strnadová,
many thanks for your kind application which attracted my interest. In my institute there is a research group led by Dr. Björn Kieslich (also chemist) which would most probably fit best to your expectations and interests for an internship. I put him in cc and forward also your application.
My best wishes
Torsten Schöneberg

MARTINA STRNADOVA

Nanterska 2, Zilina 010 08 | strnadova.m1998@gmail.com | +421 917 193 356

SKILLS & ABILITIES

Advanced Microsoft office

Cash Management

Teaching techniques

First aid training

EDUCATION

FACULTY OF CHEMISTRY, VUT BRNO, BRNO CZECH REPUBLIC
MASTER'S DEGREE
CHEMISTRY FOR MEDICAL APPLICATIONS, 2021- PRESENT

FACULTY OF CHEMISTRY, VUT BRNO, BRNO CZECH REPUBLIC
BACHELOR'S DEGREE
CHEMISTRY FOR MEDICAL APPLICATIONS, 2018- 2021

Gymnazium Varsavska, ZILINA SLOVAKIA
H.S DEGREE 2010- 2018

English Language School, ZILINA SLOVAKIA
2008-2017

MUSIC SCHOOL, ZUŠ FERKA ŠPANIHO
2005-2017

SCIENTIFIC STATEMENT

During my bachelor study I experienced different kinds of laboratory work. I started with laboratory of inorganic chemistry, where I learnt the basics of laboratory work. Laboratory of analytical chemistry has taught me how to analyze different compounds and use various complex analytic techniques, such as HPLC, TLC, UV-VIS Spectrometry, Fluorimetry, PAGE-SDS,... Moreover, I completed laboratories of microbiology and biochemistry.

My bachelor thesis was written under the supervision of the institute of physical and applied chemistry. The experimental part was a part of the grand program with the University of Taiwan. The main goal was to prepare new amphiphilic ion pairs for the preparation of vesicular systems made of non-phospholipids compounds. Vesicular systems consist of surfactants (Septonex and Sodium dodecyl sulfate). The stability of vesiculas is confirm by techniques using DLS, electrophoretic light scattering and fluorescence.

Currently I am working in a laboratory which is under the supervision of SPADIA LAB, a. s. My team is using the PCR method to find out which sample from patients are covid positive.

VISION STATEMENT

My vision for the next years of study is to prepare stable and applicable vesicular systems which can be use as substitute for more expensive phospholipid vesicular systems. The aim is to bond the vesiculas with hyaluronic acid to make the whole system more sustainable for living organisms. Encapsulate medicinal substances and use it to cure diseases.

GOALS

Successfully complete my master's study and continue with new research in my field of study and help people around the globe.

CERTIFICATION

Cambridge English Certificate (FCE) (Level B2)
School leaving exam – German language (Level B1)
Driving license – category AM and B
First Aid

LANGUAGES

Slovak – Native

English – Advanced

German – Intermediate

22. 2. 2022

TRAINEESHIP AGREEMENT

I. IDENTIFICATION DETAILS

THE TRAINEE

Last name(s)	Strnadová	**First name(s)**	Martina
Date of birth	7.9.1998	**Nationality**	slovak
Sex [M/F]	F	**Semester, year**	**SUMMER 2021/2022**
Study cycle	*master*	**Field of study code**	NPCP_CHMA
Phone	00421 917 193 356	**E-mail**	Strnadova.m1998@gmail.com

THE SENDING INSTITUTION

Name & Erasmus ID	**Brno University of Technology**	**Faculty, dpt.**	of Chemistry
Full address	Purkyňova 118, 612 00 Brno	**Country**	Czech Republic
Contact person			
Full name, position, contact	Ms. Petra Jurčeková International Officer jurcekova@fch.vut.cz		

THE RECEIVING ORGANIZATION

Organisation name	Leipzig University, Faculty of Medicine, Rudolf-Schönheimer-Institute for Biochemistry		
Full address	Johannisalle 30, 04103 Leipzig	**Website**	www.biochemie.medizin.uni-leipzig.de
Size of enterprise	☐ Small (<50 staff) ☒ Medium (51-500 staff) ☐ Large (> 500 staff)	**Country**	Germany
Contact person			
Full name, position, contact	Dr. Björn Kieslich, postdoctoral researcher, Bjoern.Kieslich@medizin.uni-leipzig.de		
Mentor			
Full name, position, contact	Prof. Torsten Schöneberg, head of institute, Kerstin.Rueckauer@medizin.uni-leipzig.de		

II. PROPOSED MOBILITY PROGRAMME

Mobility start date: 01.07.2022	**Mobility end date:** 15.09.2022
Number of working hours per week: 40	
Traineeship title: Structural and functional studies on adhesion G protein-coupled receptors	

Detailed programme of the traineeship period:

Martina Strnadová will work in a biochemical laboratory supervised by Dr. Kieslich. She will engange in recent research activities of the institute, which are dedicated to fundamental research on molecular structure and function of G protein-coupled receptors. To that end, Ms. Strnadová will work on a small research project, learning methods of molecular cloning, recombinant protein preparation, cell culture as well as biophysical and biochemical characterization methods.

Knowledge, skills and competences to be acquired by the trainee at the end of the traineeship:

- theoretical and practical insights into a complex field of fundamental research
- modern biochemical methods
- working independently on a research project
- analysis and critical interpretation of gained data

Monitoring plan:

Dr. Kieslich will be responsible for the personal supervision of Ms. Strnadová during her entire practical time. He will teach her all experimental methods needed to successfully work on her research project. The trainee will keep precise records of experiments and data. Mr. Kieslich will personally discuss, review and interpret acquired data with Martina Strnadová. He will be the main contact person to Brno University of Technology.

Evaluation plan:

Ms. Strnadova's traineeship will conclude with an oral presentation summarizing her experimental results and discussing them with other researchers at the institute.

Language competence of the trainee

The level of language competence in .....English..... that the trainee already has or agrees to acquire by the start of the mobility period is: A1 ☐ A2 ☐ B1 ☐ B2 ☒ C1 ☐ C2 ☐

THE SENDING INSTITUTION

The institution undertakes to respect all the principles of the Erasmus Charter for Higher Education relating to traineeships. Depending on whether the traineeship is embedded in the curriculum or it is a voluntary traineeship, the sending institution undertakes to award recognition of the traineeship by **at least one** of the following ways:

The traineeship is:

1. embedded in the trainee's curriculum, i.e. **COMPULSORY** ☐
2. not embedded in the trainee´s curriculum, i.e. **VOLUNTARY** ☒

In terms of academic recognition, the sending institution undertakes to:

- Award ECTS or equivalent credits: YES ☒ NO ☐; if YES, how many: 2
- Give a grade YES ☐ NO ☒; if YES based on: Traineeship Certificate ☐ Final report ☐ Interview ☐
- Record the traineeship in the trainee's Transcript of Records: YES ☒ NO ☐
- Record the traineeship in the trainee's Diploma Supplement: YES ☒ NO ☐
- Record the traineeship in the trainee's Europass Mobility Document: YES ☐ NO ☐

With regards to the insurance, the sending institution undertakes to:

- **Provide an accident insurance** YES ☐ NO ☒; if YES, it shall cover:
  - Accidents during travels for work purposes YES ☐ NO ☒
  - Accidents on way to/from work YES ☐ NO ☒
- **Provide a liability** insurance YES ☒ NO ☐

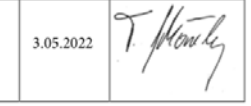
THE RECEIVING INSTITUTION

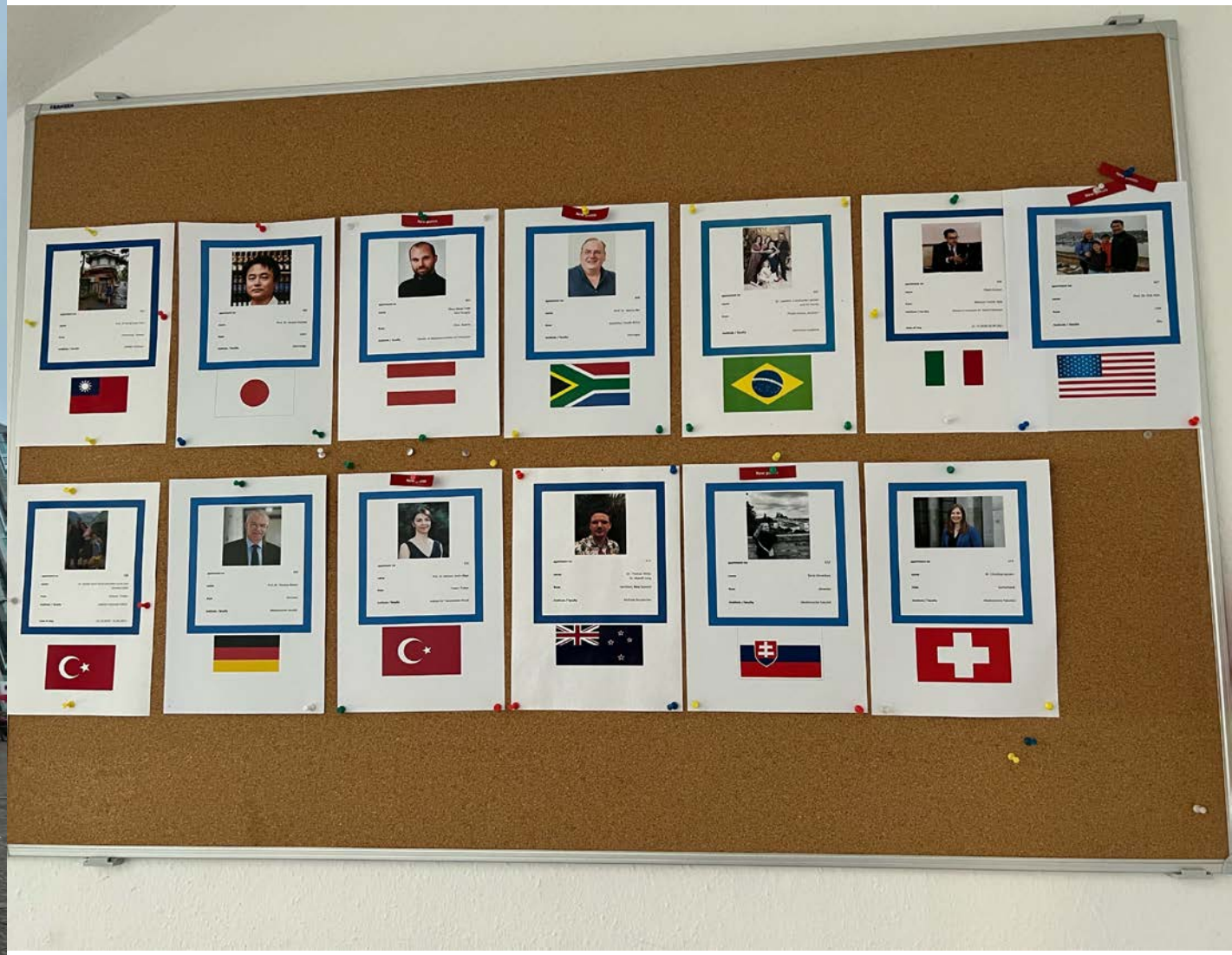
The receiving institution undertakes to:

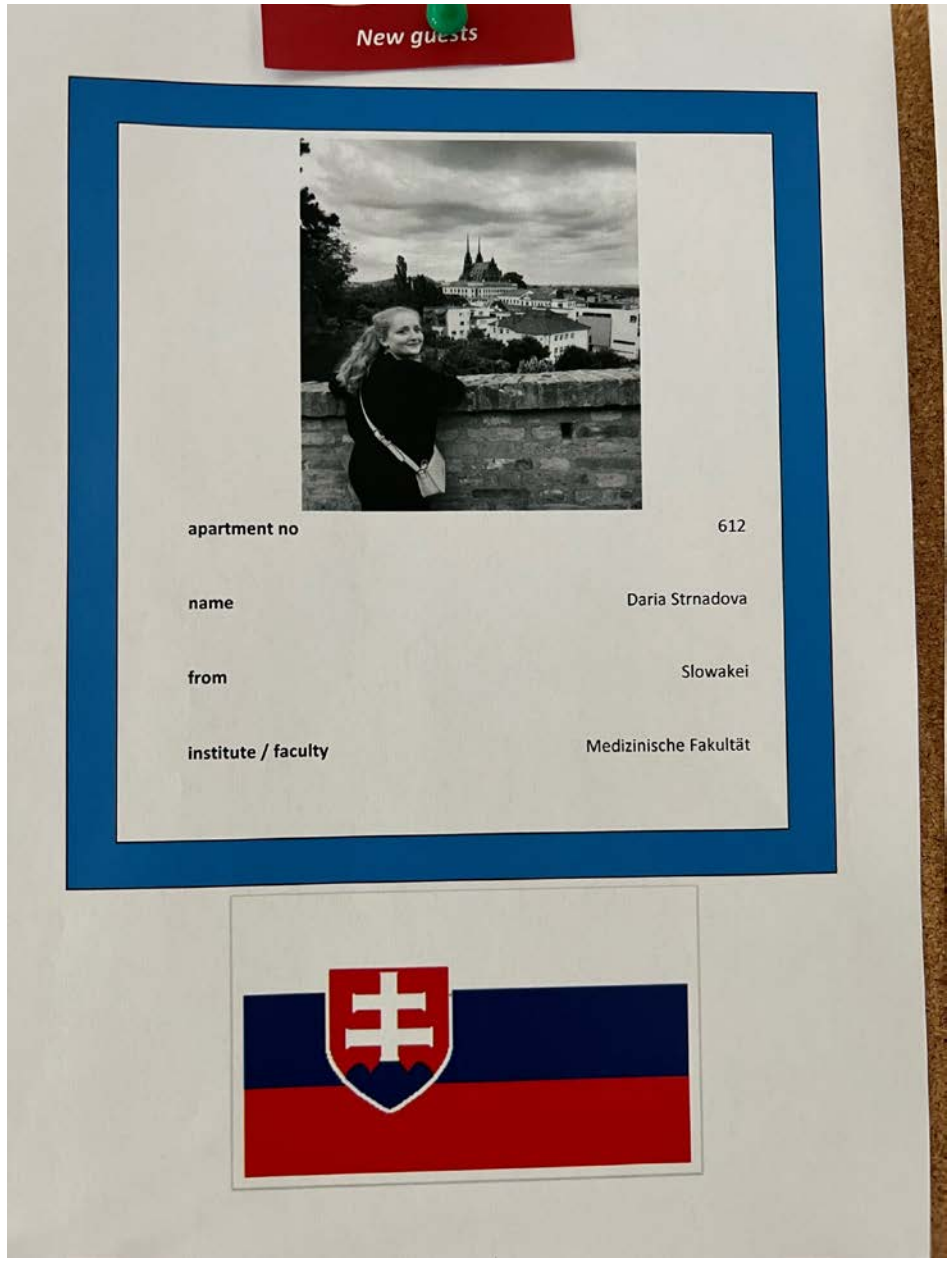
- Provide a financial support to the trainee: YES ☐ NO ☐; **if YES, the amount in EUR/month**: .....
- Provide another contribution in kind to the trainee: YES ☐ NO ☐; if YES, please specify:
- **Provide an accident insurance** YES ☐ NO ☐; if YES, it shall cover:
  - Accidents during travels for work purposes YES ☐ NO ☐
  - Accidents on way to/from work YES ☐ NO ☐
- **Provide a liability** insurance YES ☐ NO ☒
- Provide appropriate support and equipment to the Trainee.
- **Upon completion of the Traineeship issue a Traineeship Certificate** or equivalent, declaring the actual duration of the traineeship, its outcomes and evaluating student's performance. This document has to be delivered in **original form** to the sending institution **no later than 15 days** after the end of the traineeship.

III. COMMITMENT OF THE THREE PARTIES

By signing this document, the trainee, the sending institution and the receiving organisation/enterprise confirm that they approve the proposed Traineeship agreement and that they will comply with all the arrangements agreed by all parties. The trainee and receiving organisation/enterprise will communicate to the sending institution any problem or changes regarding the traineeship period.

	Full name, position (if appl.)	***Date***	***Signature(s)***
Trainee			
Sending institution representative(s)	prof. Ing. Michal Veselý, Csc. (Dean)		
Receiving institution representative(s)	Prof. Torsten Schöneberg (head of institute)	3.05.2022	




New guests
apartment no 612
name Daria Strnadova
from Slowakei
institute / faculty Medizinische Fakultät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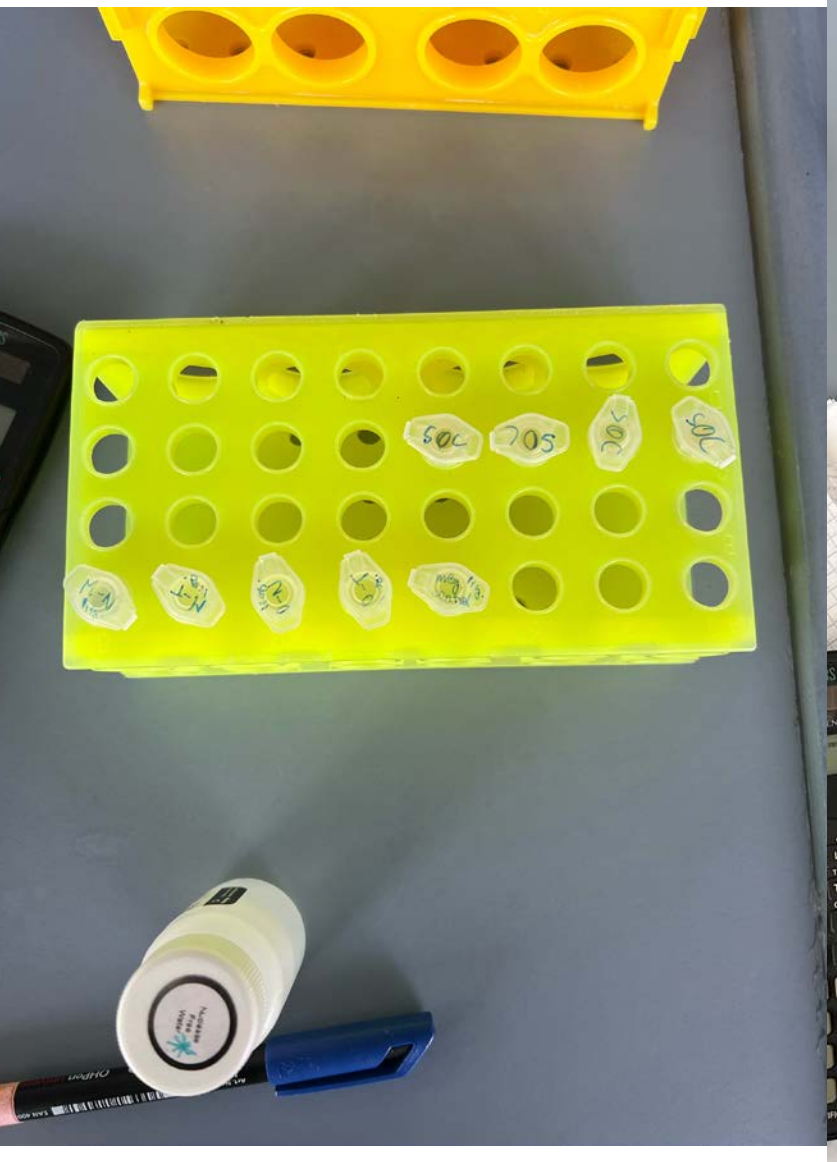

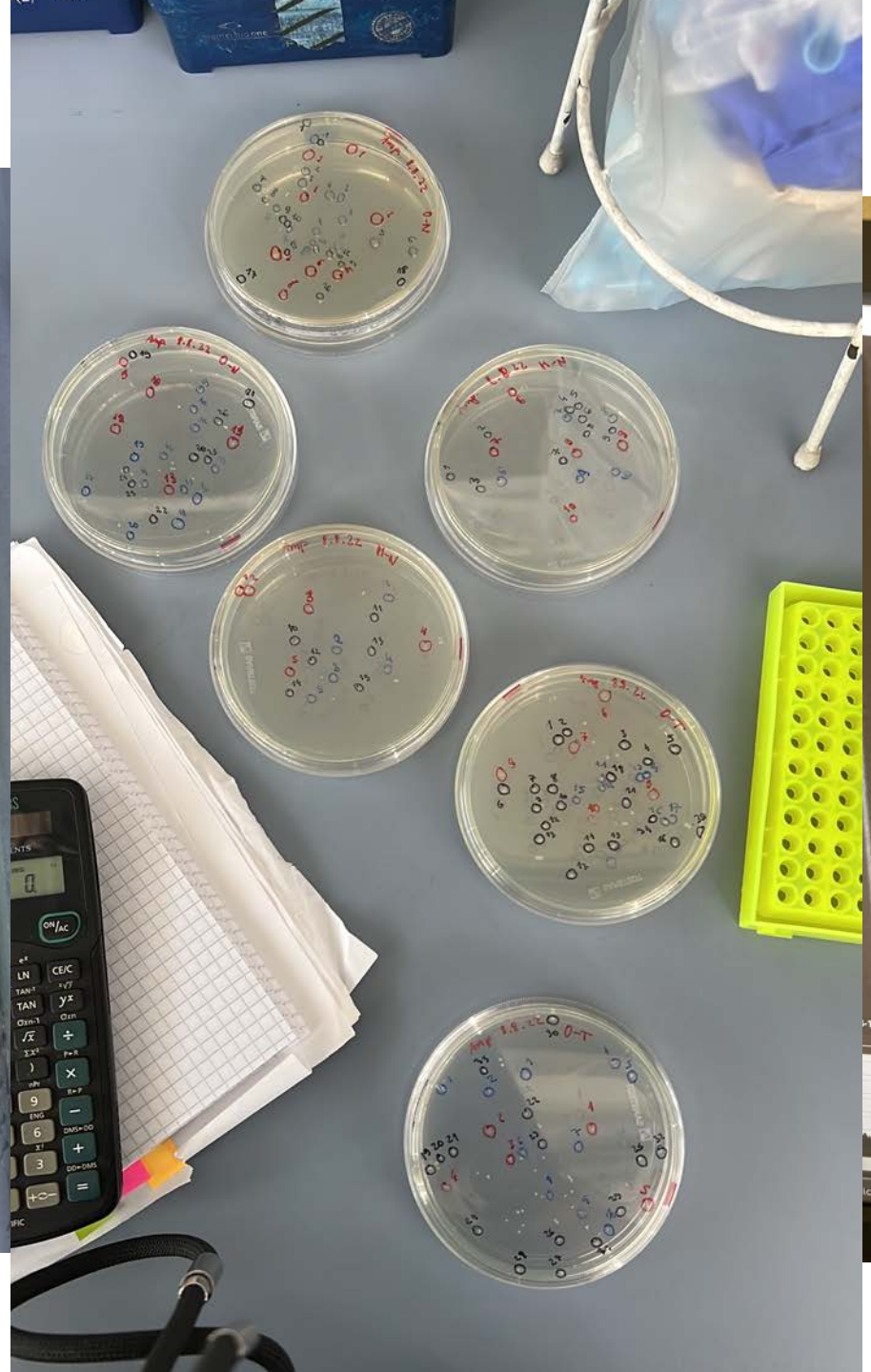

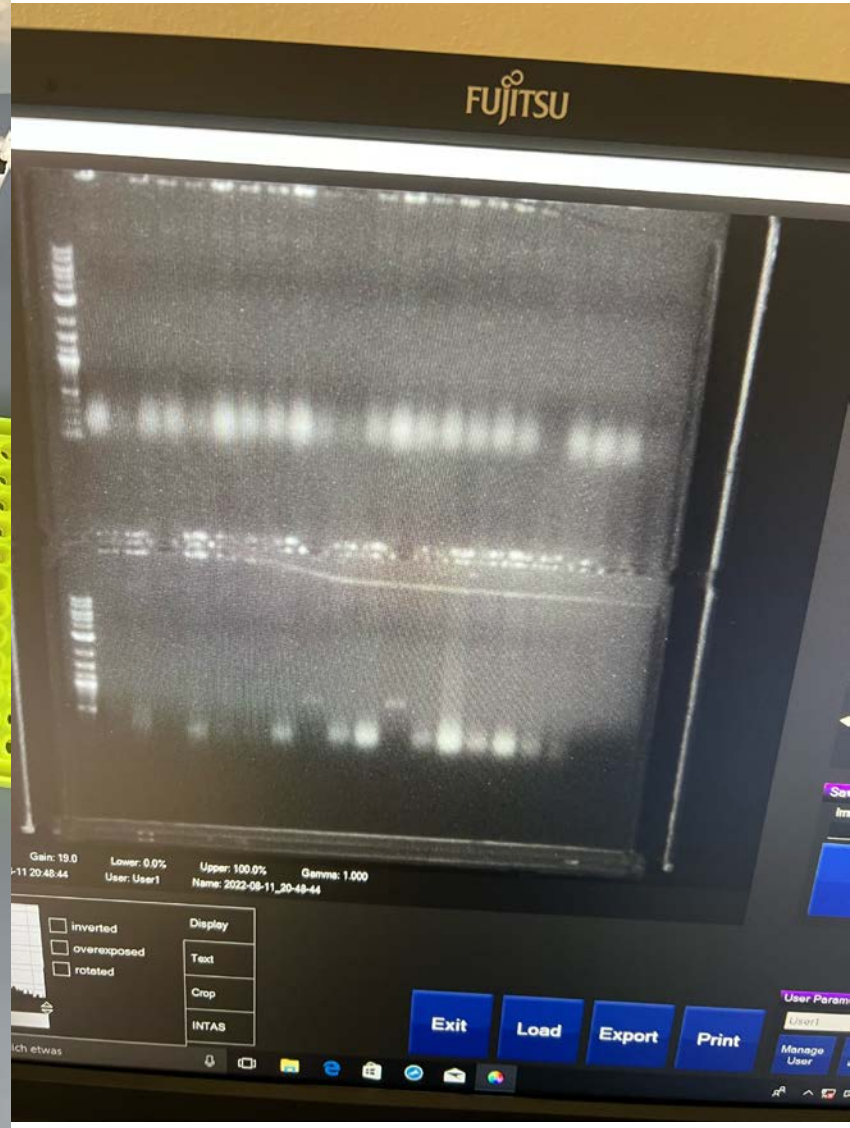
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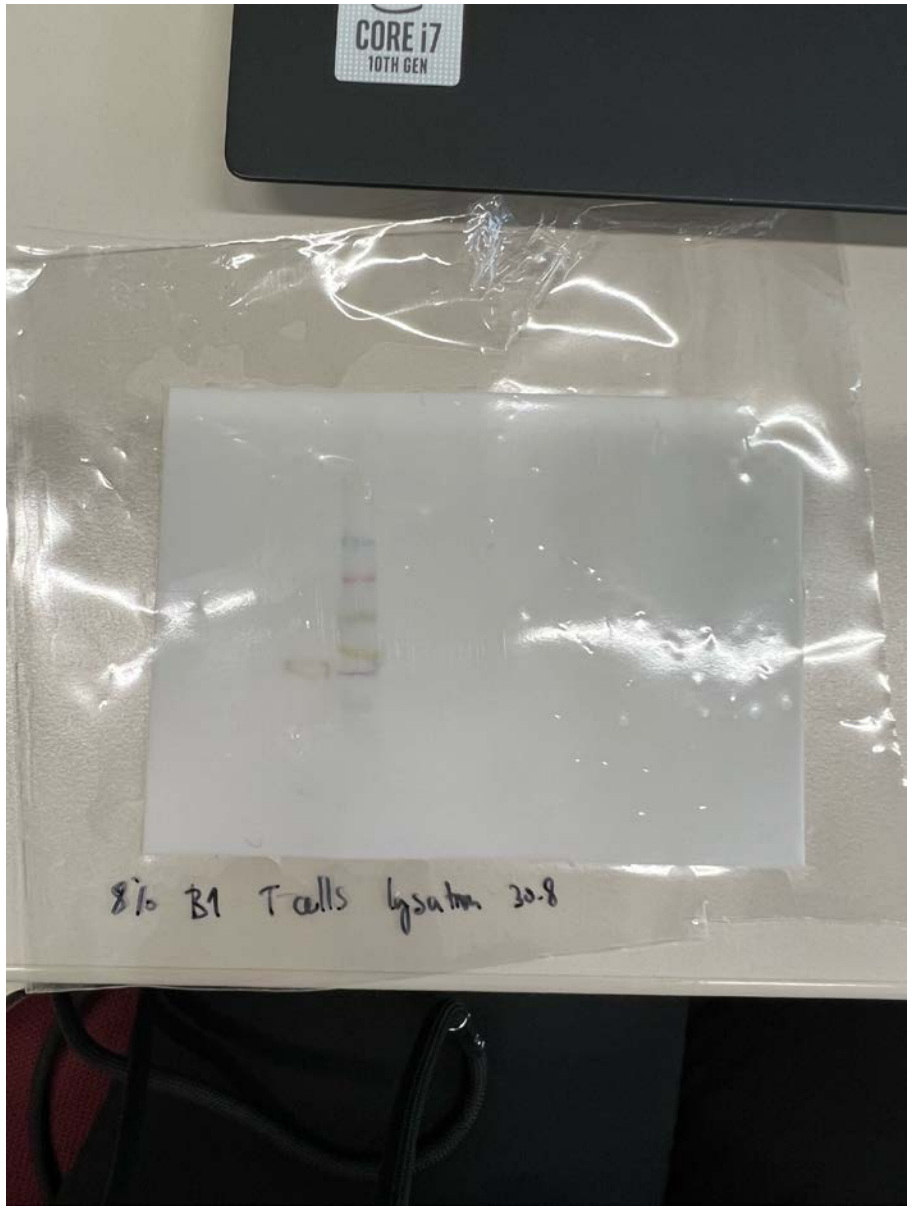
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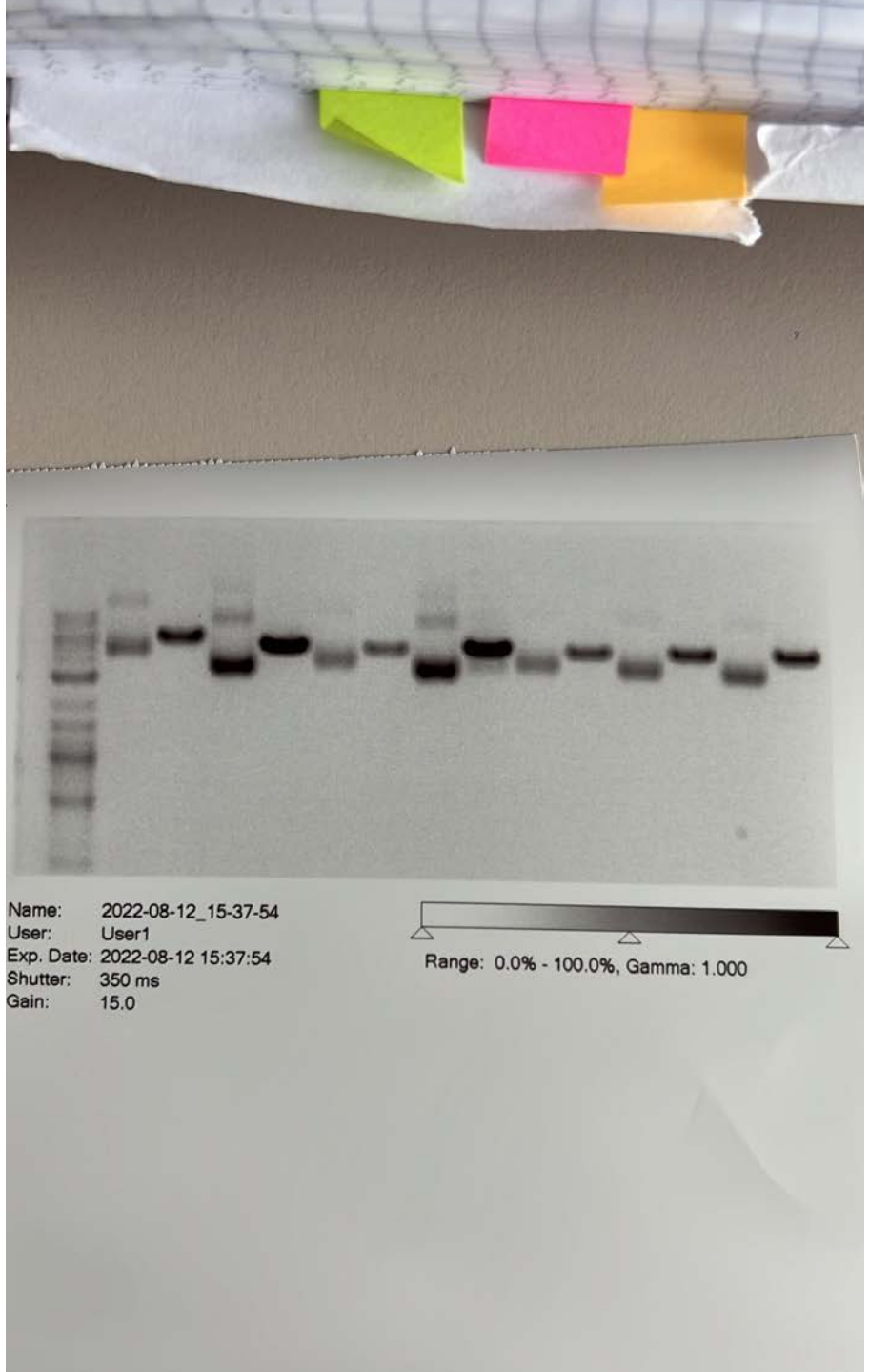
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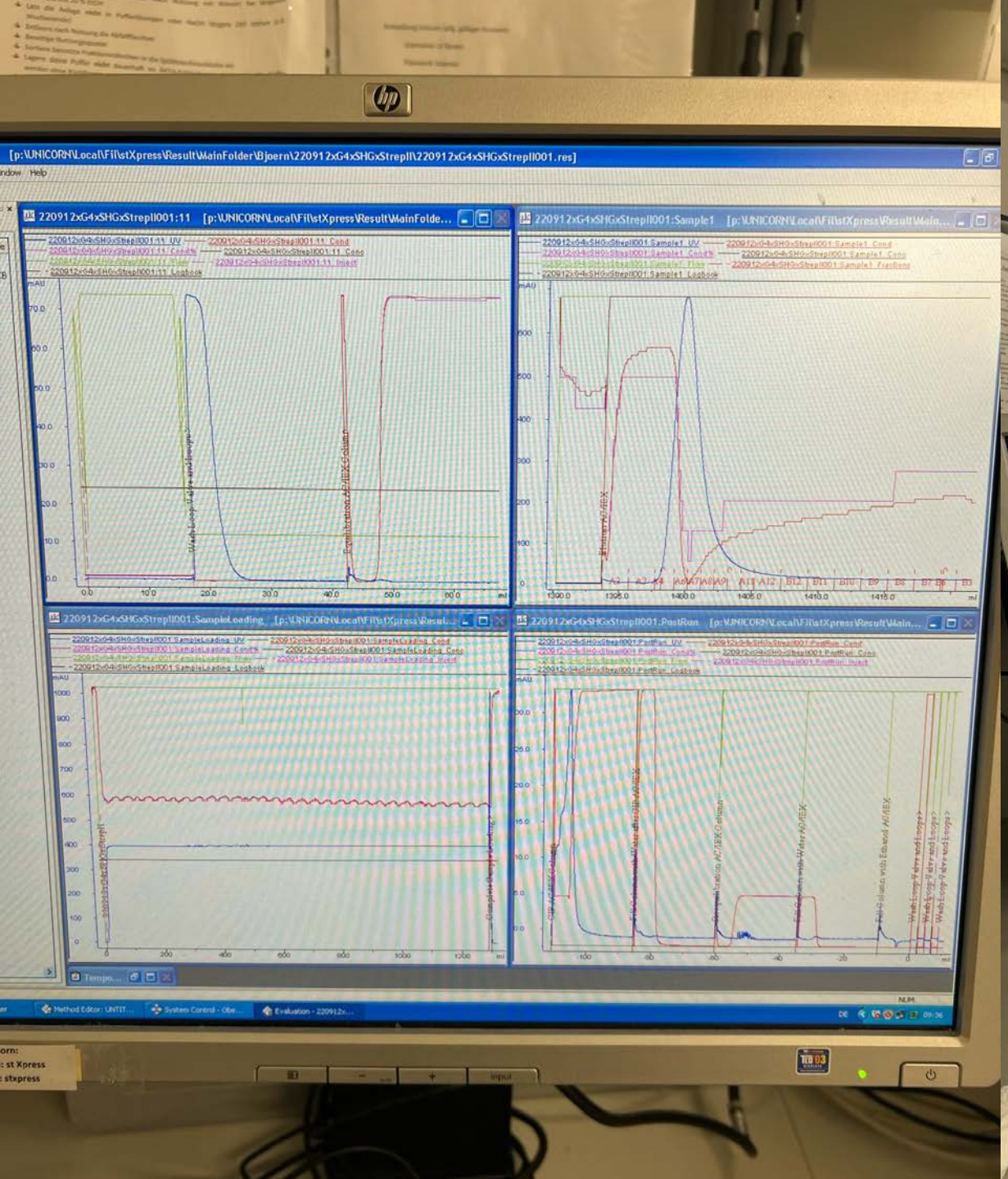
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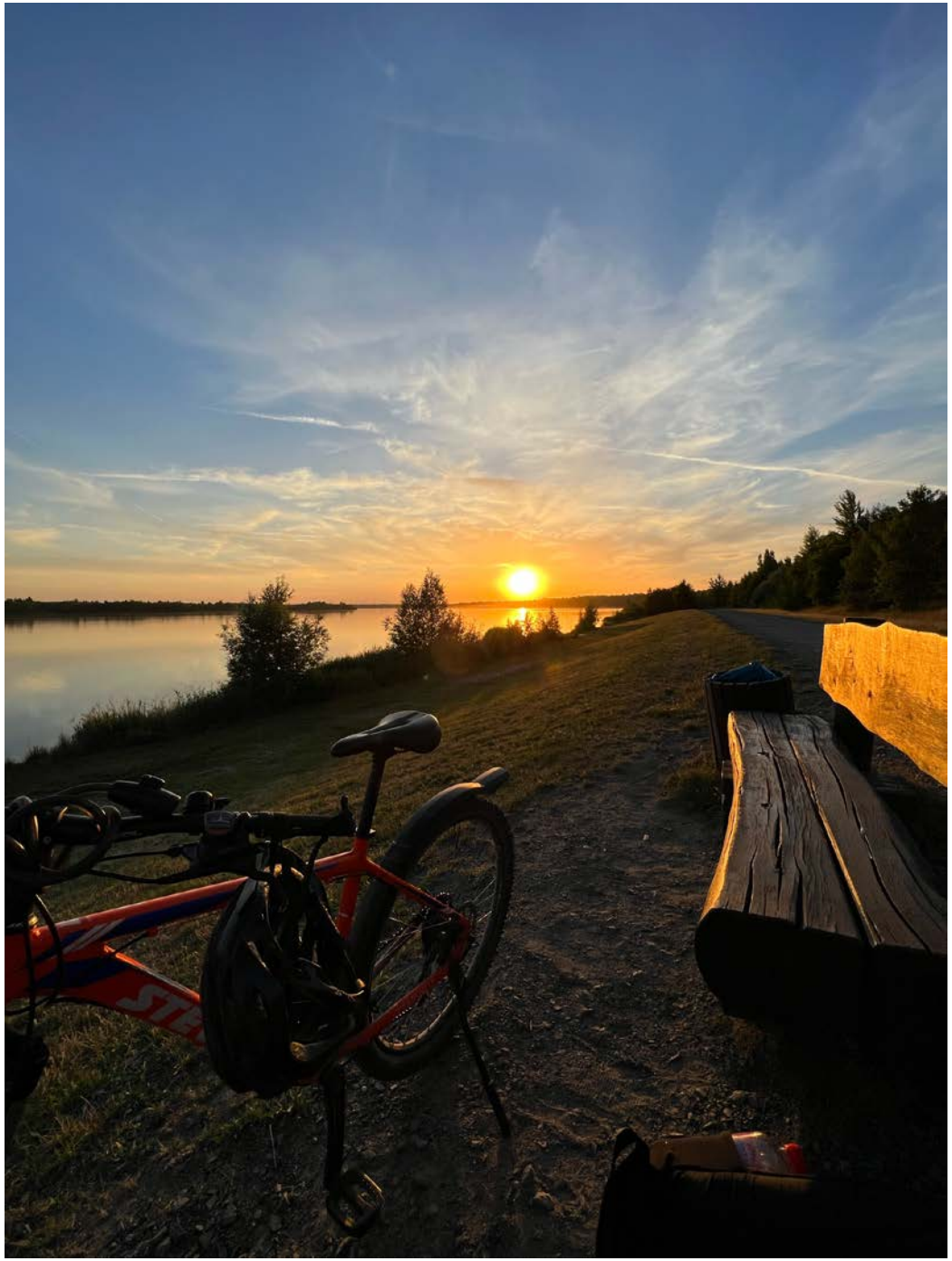
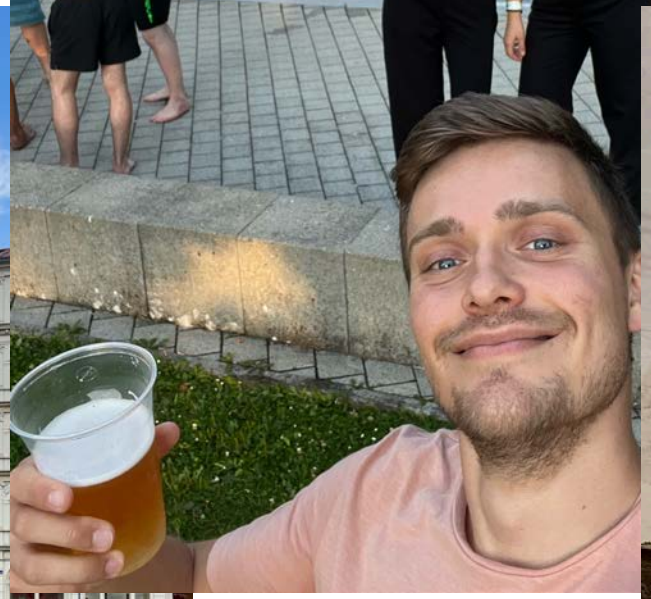
J.D. Watson
24 May 2003

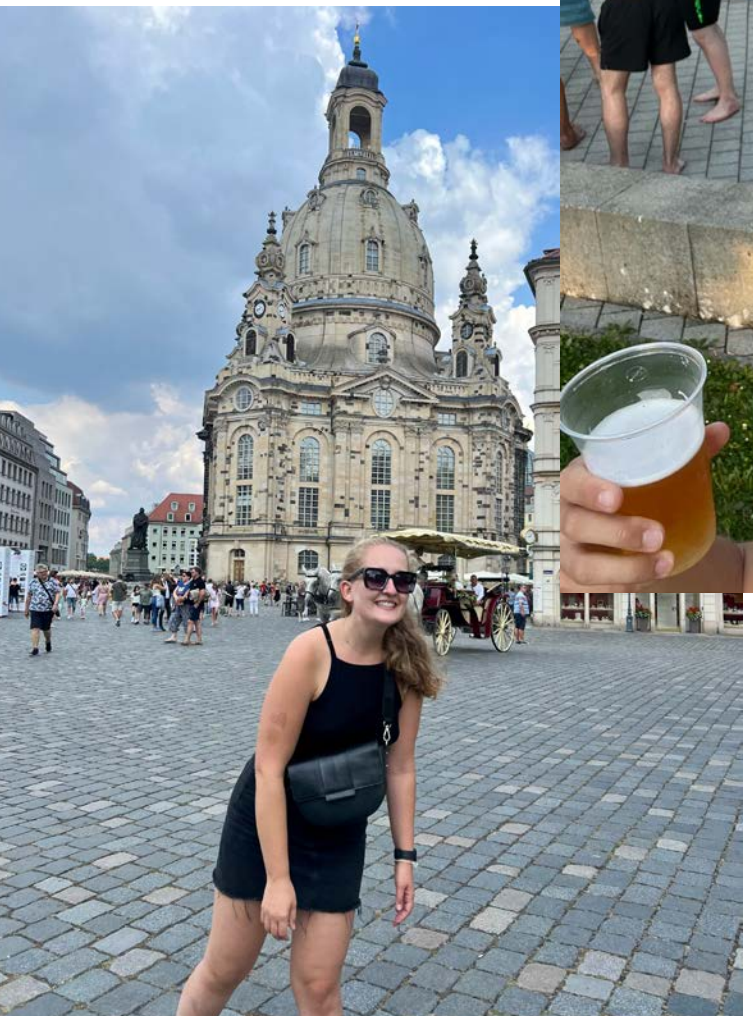






Afrika






BV Klingerweg


JOHANN
SEBASTIAN
BACH


LEBENSMITTEL
CITY-MARKT
RUDINGER
OBST & GEMÜSE

Ďakujem za pozornosť