

# Szczecin - Stáž v Polsku

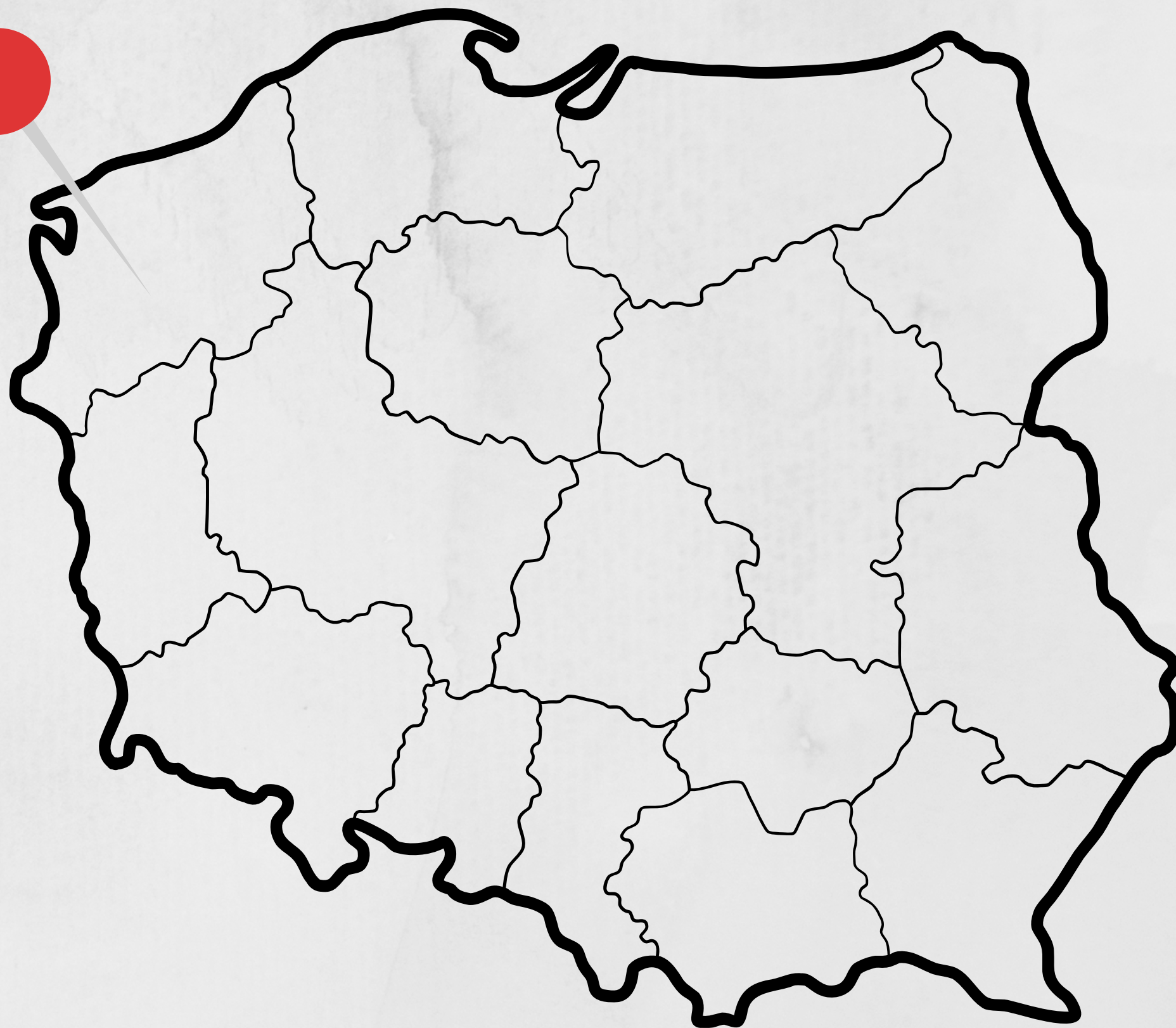
Paulína Guziurová

6.12.2023

Brno



Západopomořanské  
vojvodství





Kołobrzeg

Koszalin

Świnoujście

Szczecin

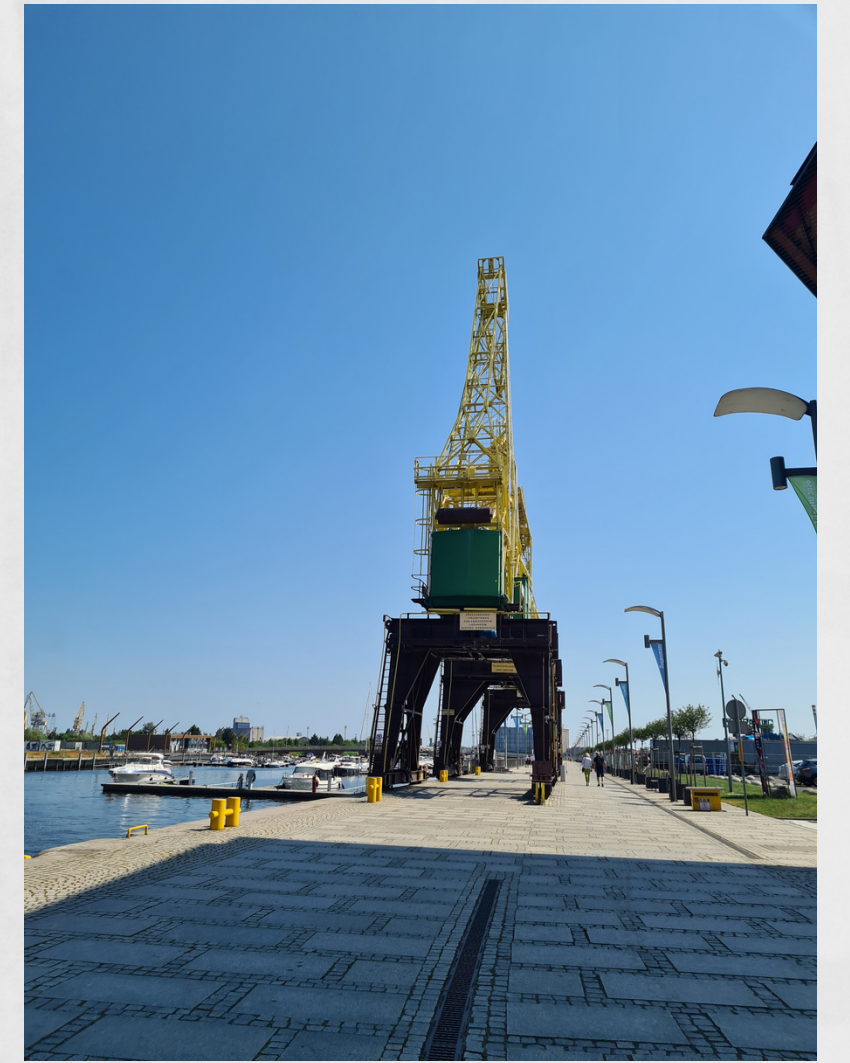
Zachodniopomorski

Uniwersytet Technologiczny



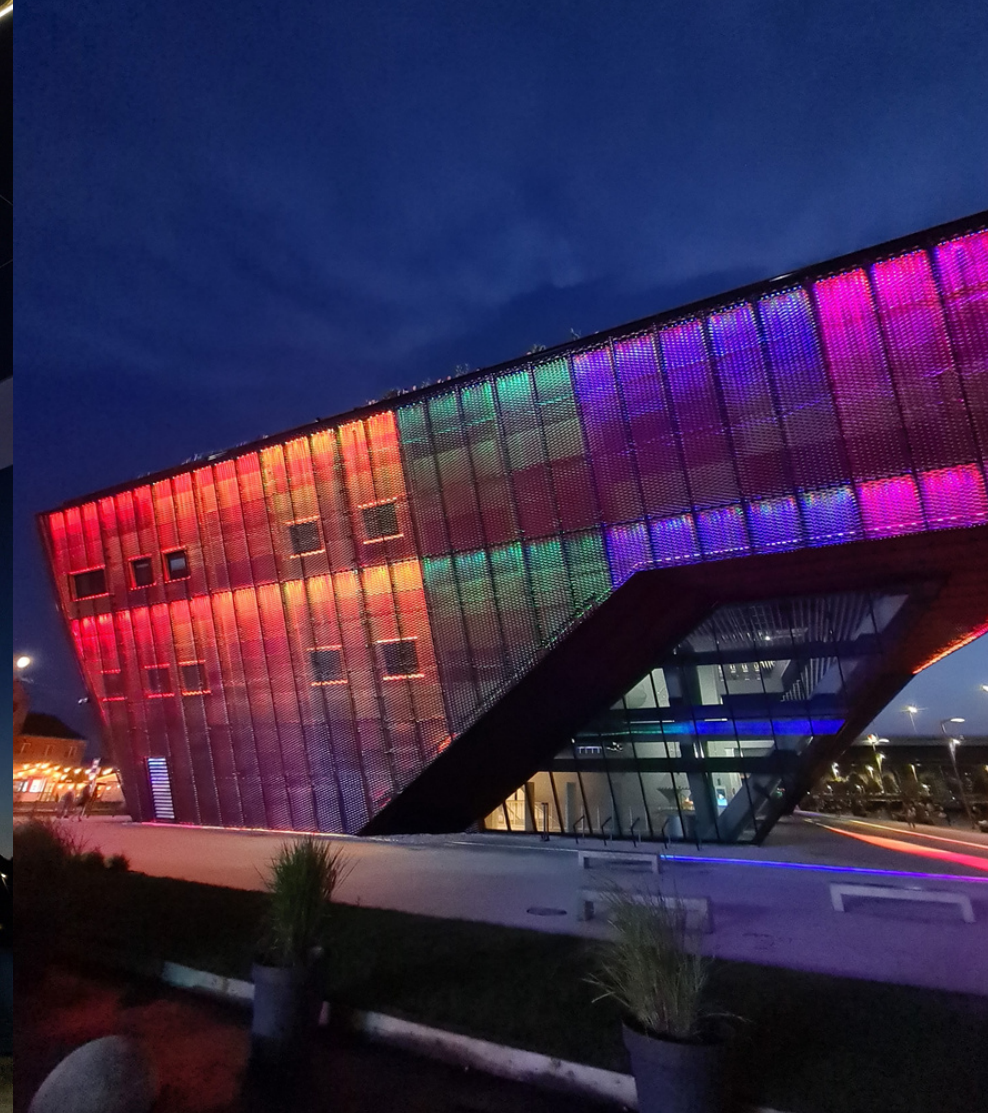


# Szczecin



Cotam de lat?





# Urbex



Wieża węglowa



Ruiny Sanatorium Bismarckhöhe



Cmentarz Centralny



Szczecińska Wenecja



Tunel kolejki w starej kopalni



# Západopomořanské vojvodství



Świnoujście



Międzyzdroje



Kołobrzeg



*Puszcza bukowa*



*Park Narodowy Woliński*



*Park Narodowy Woliński (Miedzyzdroje)*



*Jezioro Szmaragdowe*



*Krzywy las*

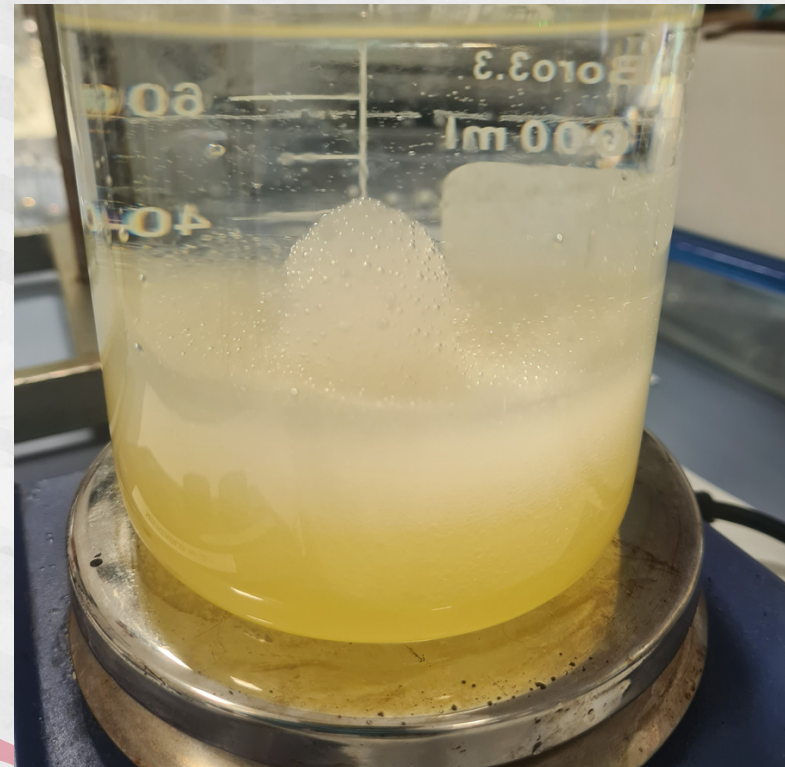
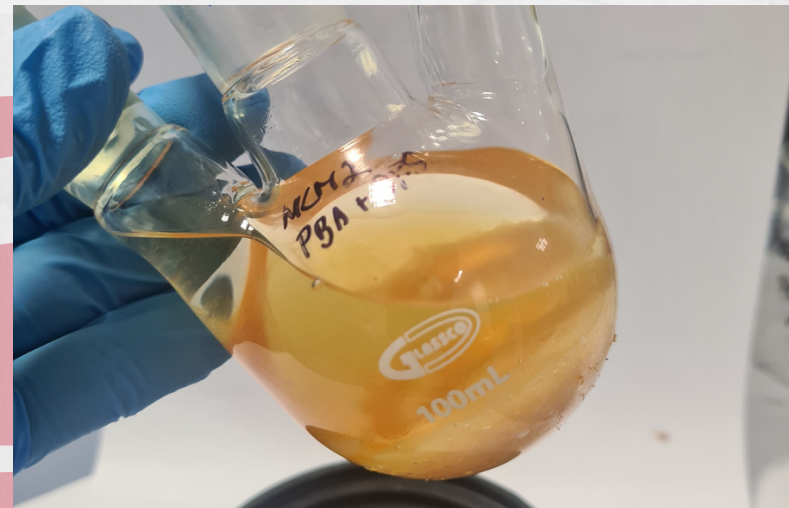


*Baltické moře*

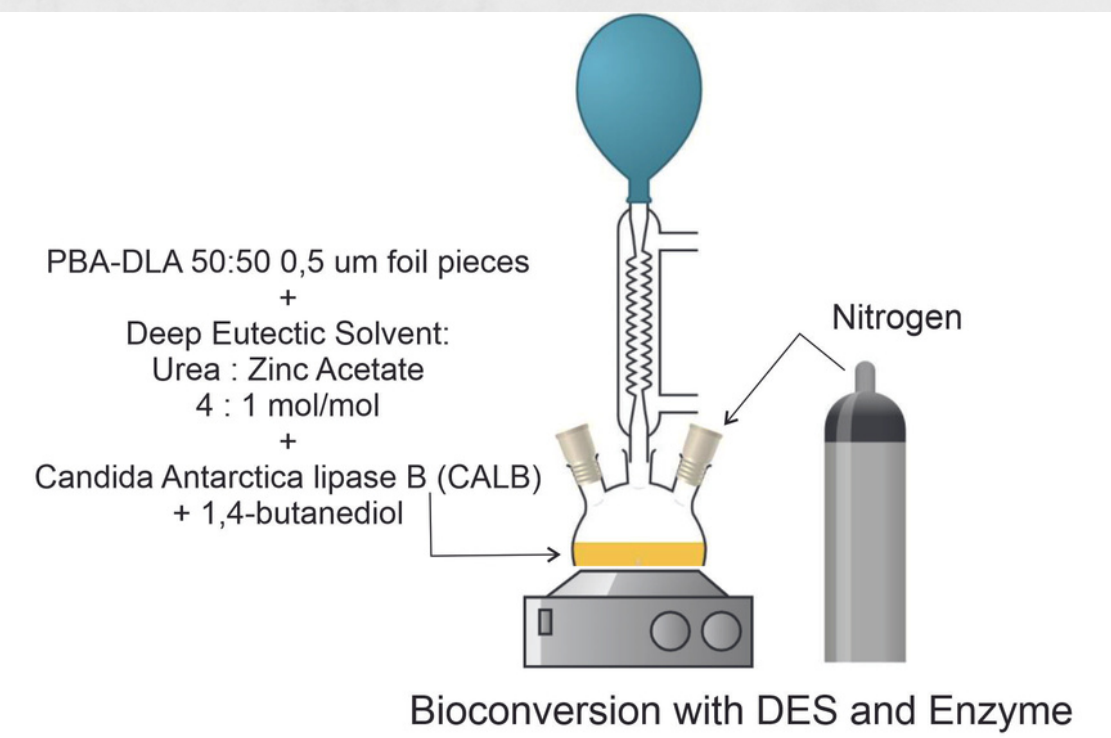
# ZUT Szczecin - Centrum Nanotechnologii



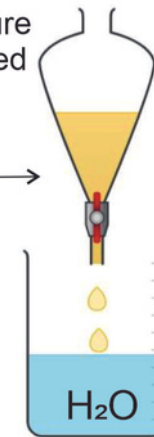
# Výzkum



PBA-DLA 50:50 0,5 um foil pieces  
+  
Deep Eutectic Solvent:  
Urea : Zinc Acetate  
4 : 1 mol/mol  
+  
Candida Antarctica lipase B (CALB)  
+ 1,4-butanediol



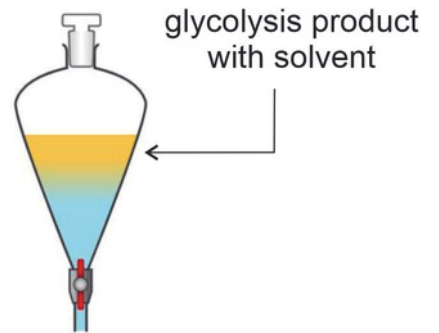
glycolysis product:  
mono/oligomers mixture  
with catalysts dissolved  
in ethyl acetate



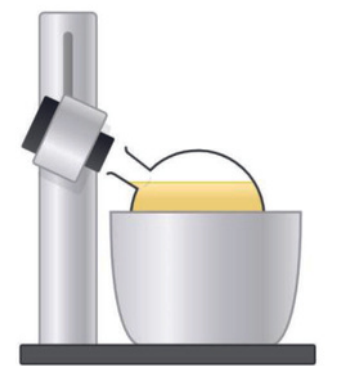
Drop-wise addition into the  
water - getting rid of unreacted  
particles and DES



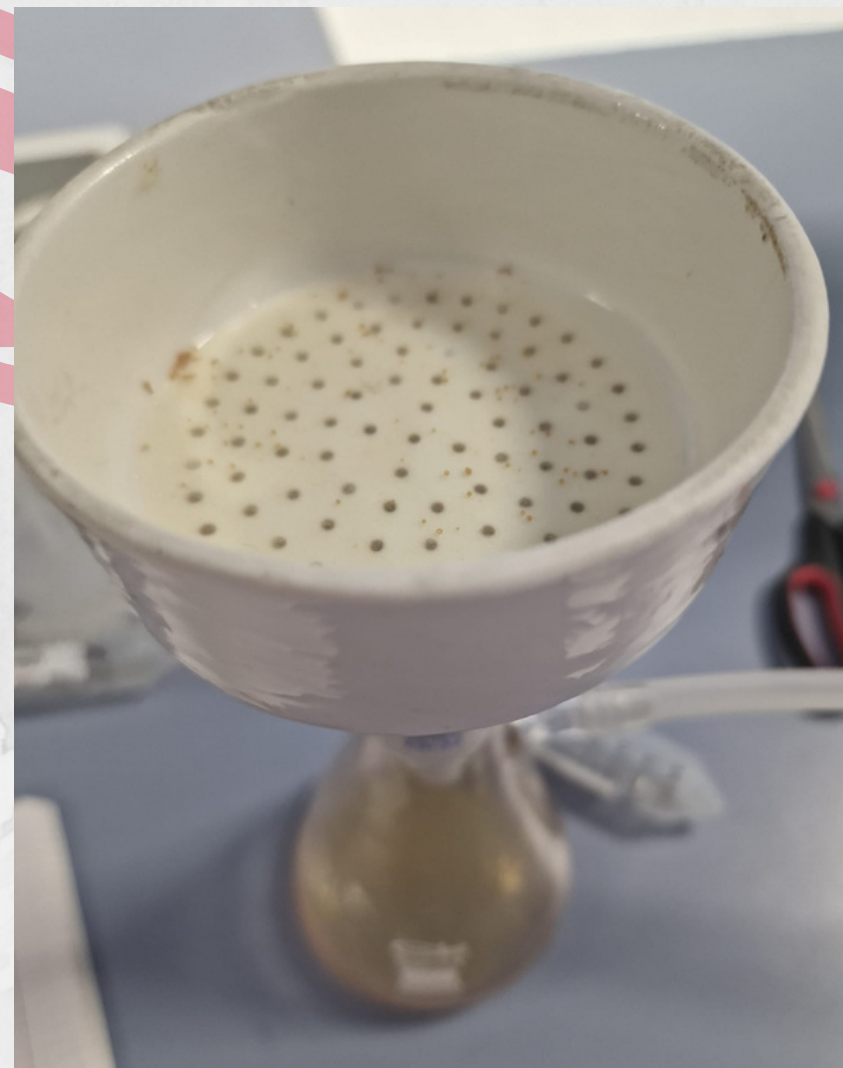
Precipitation  
- removing the enzyme



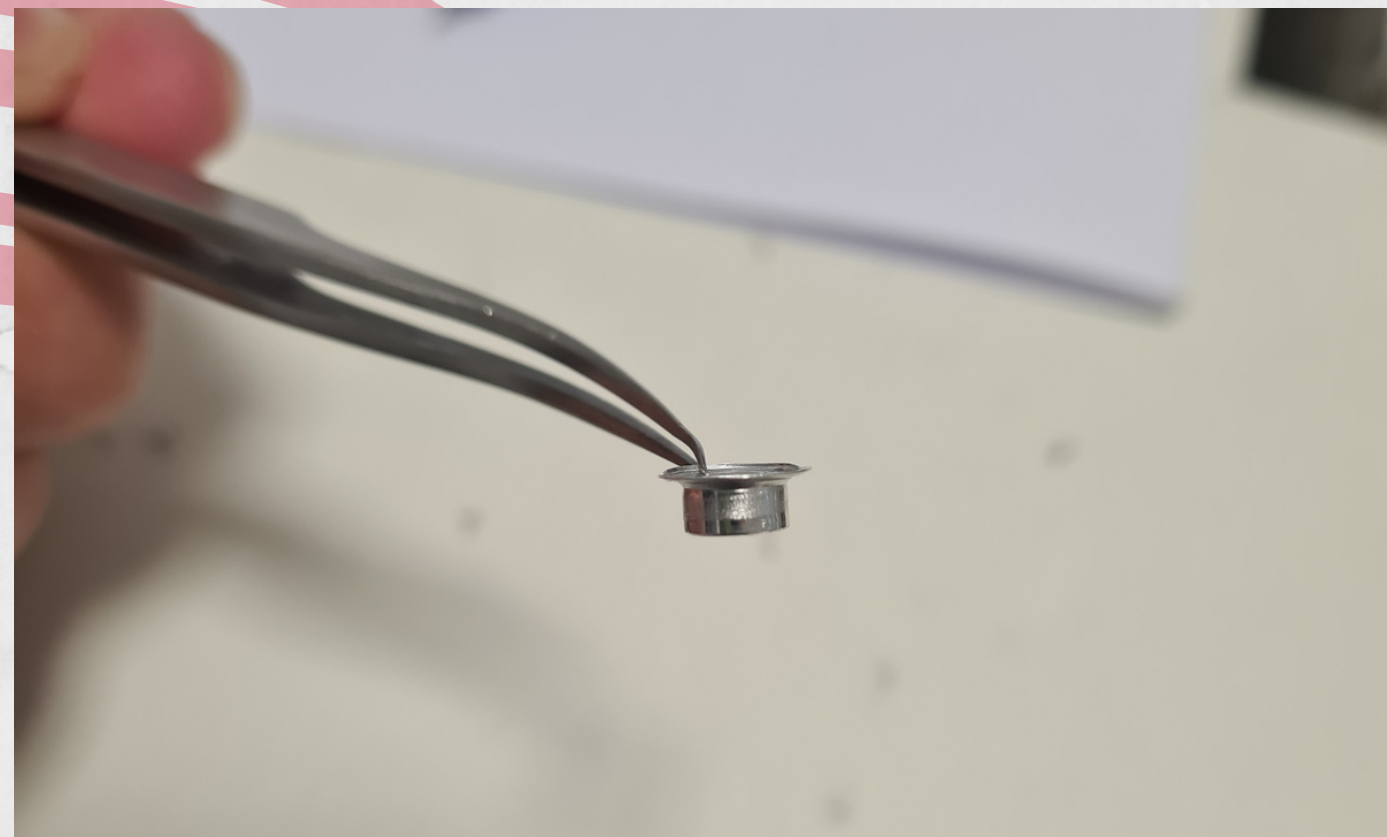
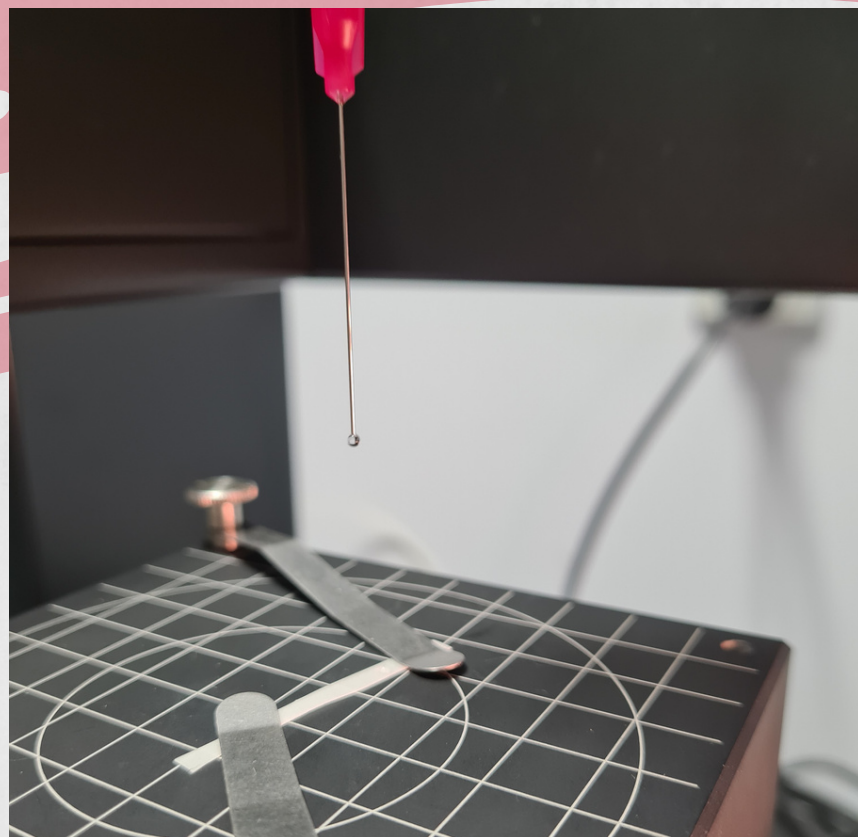
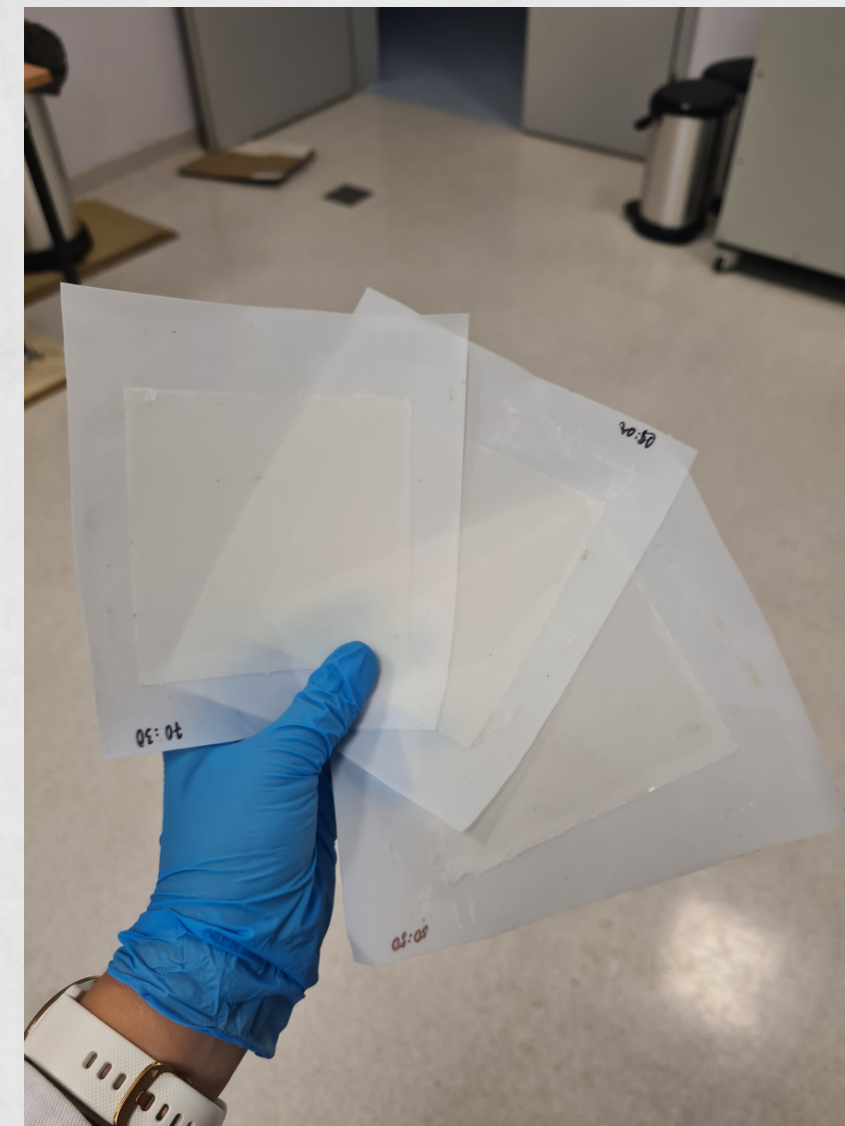
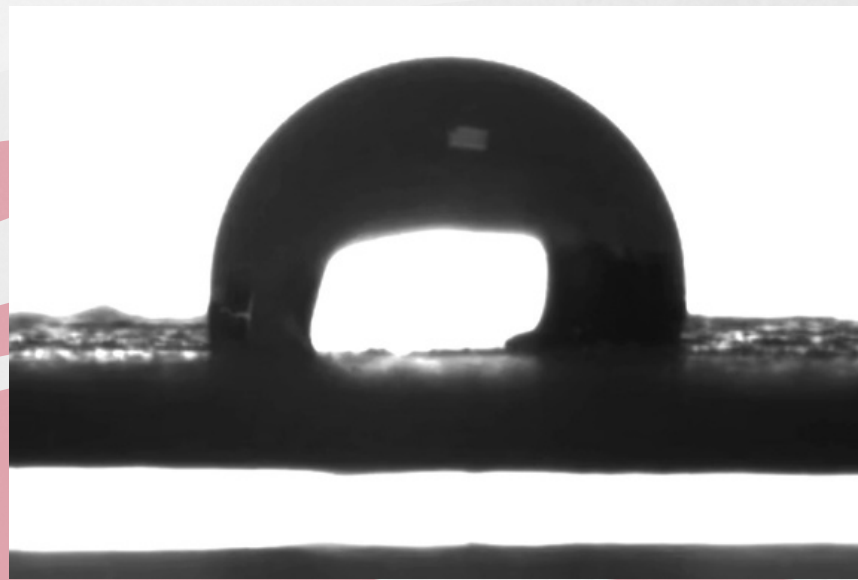
Agitation in water  
- phases separation



Evaporation of the solvent



# Výzkum



Co jsem si z toho

odnesla?

- Samostatnost a lepší příprava

- Nové zkušenosti

- Nové vědomosti

- Nová spolupráce a kontakty



Děkují za Vaši

pozornost

