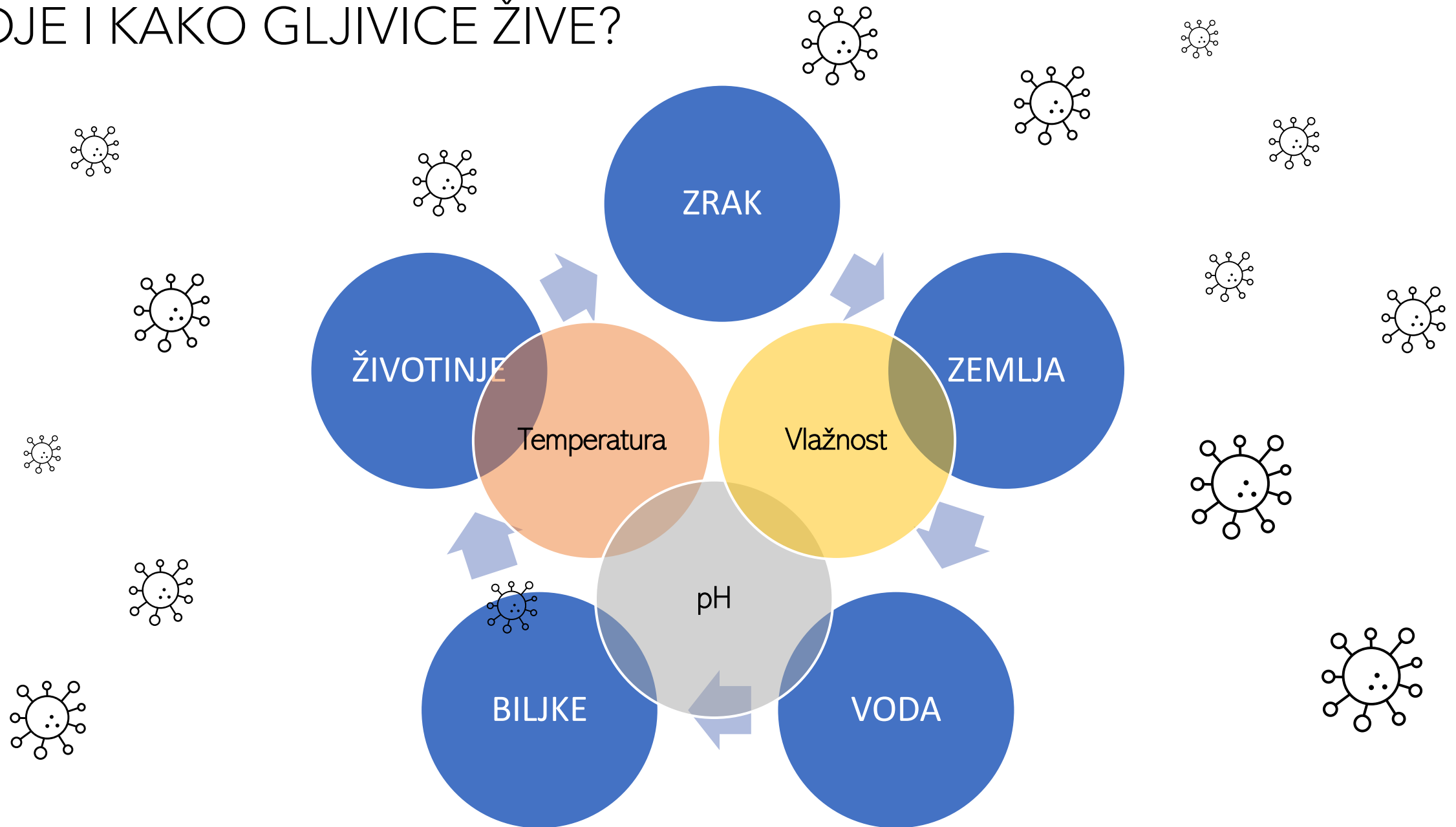




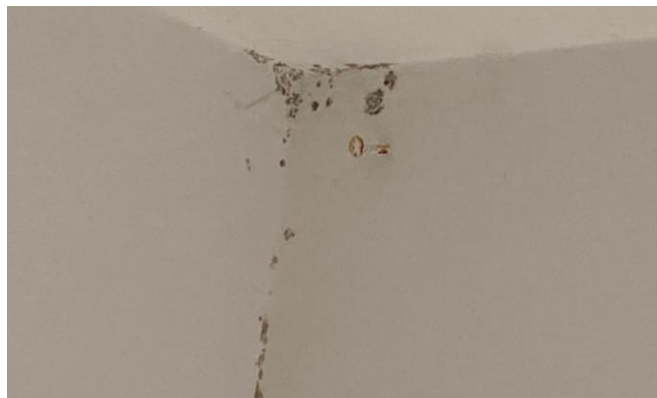
Suživot s gljivicama oko nas

Lea Raos & Daniela Jakšić

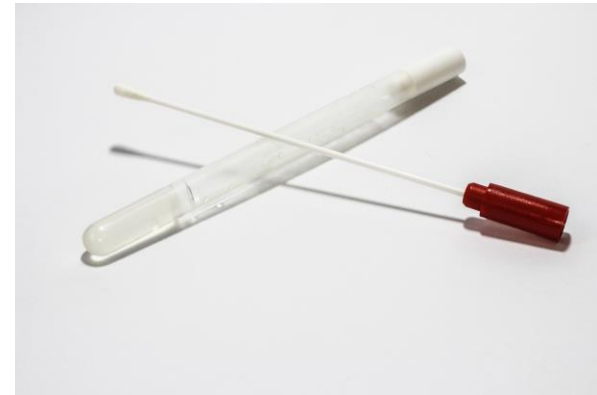
GDJE I KAKO GLJIVICE ŽIVE?



ŠTO KADA NAM SE GLJIVICE USELE U STANOVE?

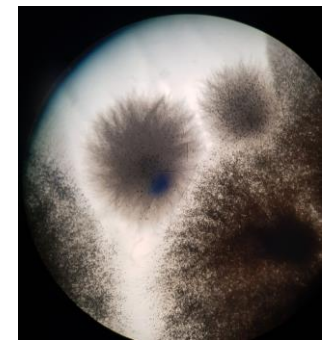
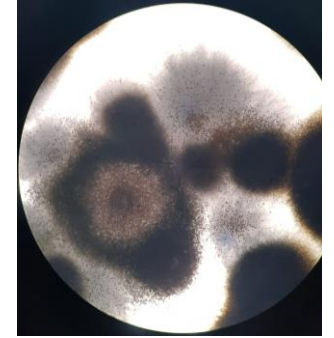
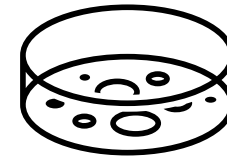
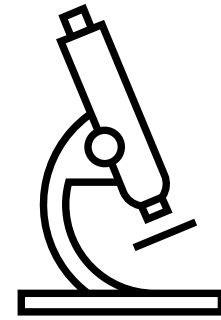
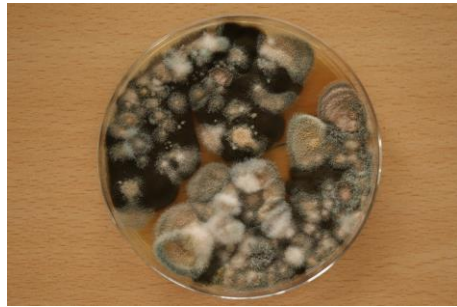
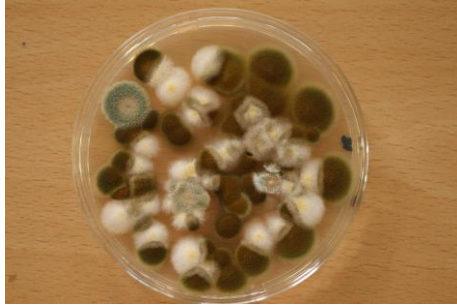


Uređaj za uzorkovanje zraka



Sterilni bris za uzorkovanje površina zidova i stropova

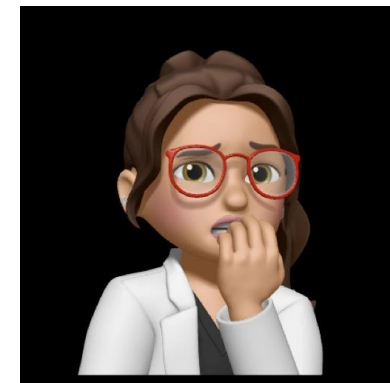
KAKO IZGLEDAJU GLJIVICE IZ ZRAKA, SA ZIDOVA I STROPOVA?



Gljivice nakon 7 dana inkubiranja prikupljenih uzoraka
na hranjivim podlogama DG-18 i MEA

Pogled pod lupom: povećane 50 puta!

Opasnosti i rješenja



ČIŠĆENJE I PROZRAČIVANJE

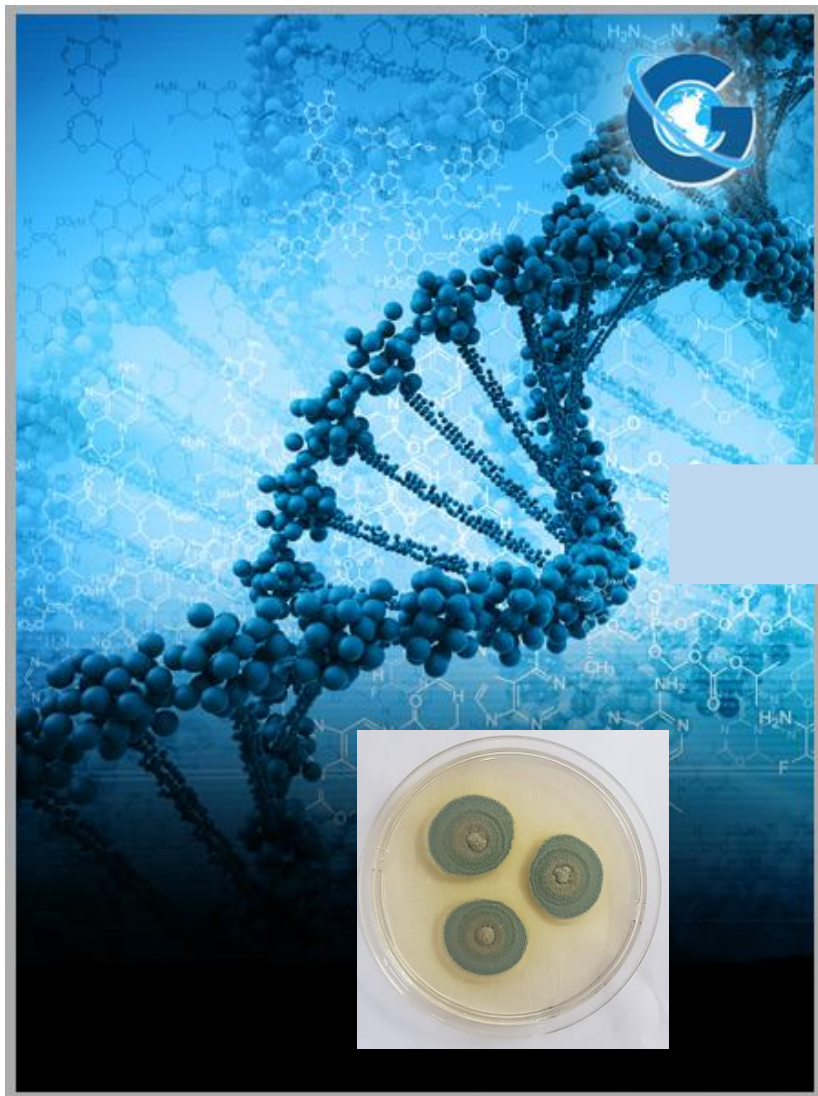


PRANJE
VARIKINOM



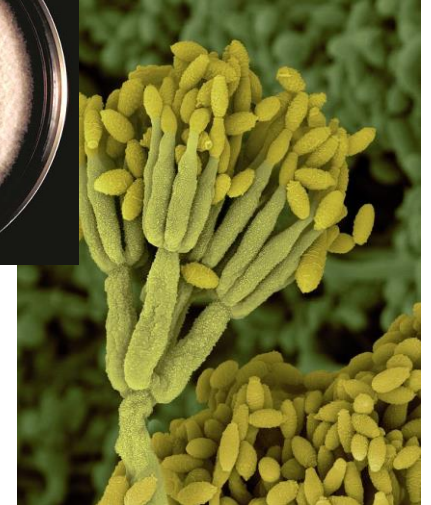
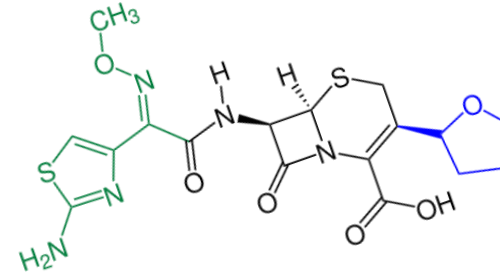
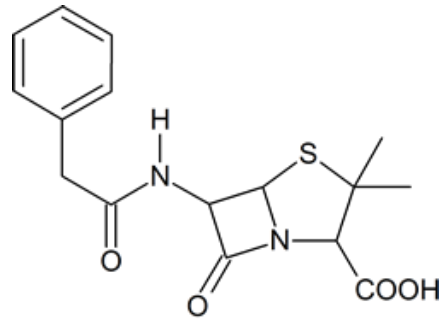
ISUŠIVANJE
ZIDOVA

U kontroliranim uvjetima gljivice su nam korisne

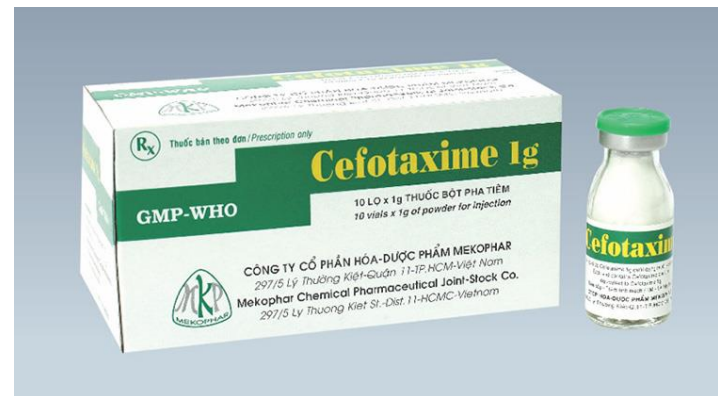


Biotehnologija
Farmacija
Kemijska industrija
Prehrambena industrija

ANTIBIOTICI



Penicillium notatum- tvornica penicilina



Vrste rodova *Acremonium*,
Emericellopsis, *Paecilomyces*.-
proizvode cefalosporine

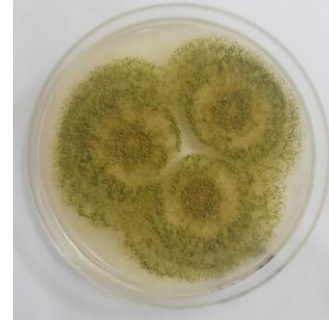
NEIZOSTAVNI U AZIJSKOJ KUHINJI



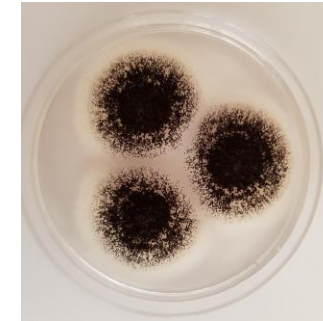
crvena riža



Monascus purpureus



Aspergillus oryzae



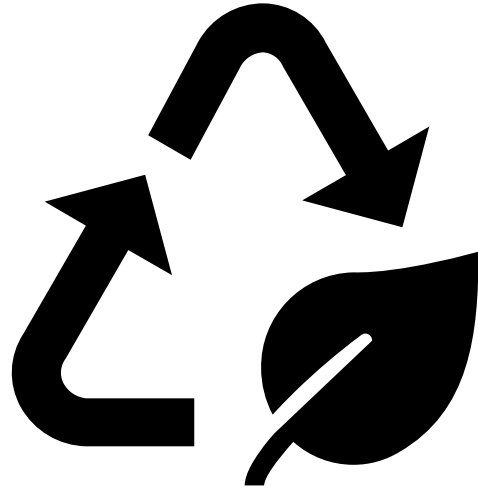
Aspergillus luchuensis



tofu



sake- rižino vino

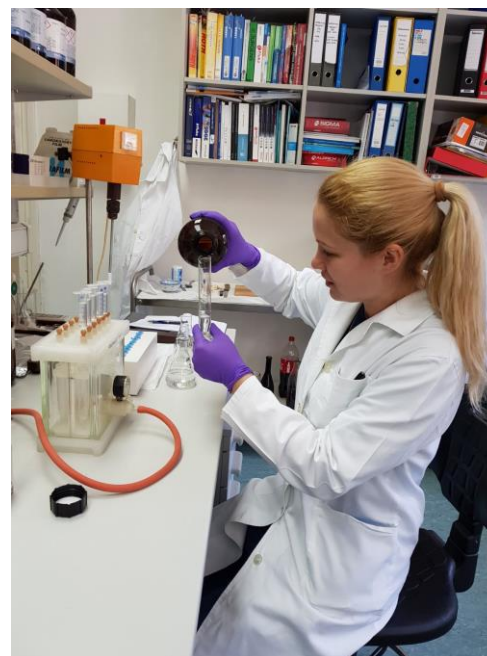


Kontaminanti hrane ili
razlagači biotpada?

Mi smo...



Lea Raos,
studentica prve
godine na Fakultetu
kemijskog
inženjerstva i
tehnologije.
Intrigira je oku
nevidljiv živi svijet o
čemu često piše
znanstvene članke.



Hvala na
pažnji!

Daniela Jakšić,
docentica na
Zavodu za
mikrobiologiju
Farmaceutsko-
biokemijskog
fakulteta.
Ekspert za gljivice i
njihove metabolite