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MSCA Talks: Fellows' Experiences and How to Get There

EPIC

Exploring the PFAS alternatives-induced immunotoxicity and impact on intercellular communication

(MSCA-2023-PF-01-01)

Grant week

2025.11.25.

Dr. Csilla Pelyhe

Supervisor: Mgr. Ondřej Adamovský, Ph.D. Academic Researcher, Masaryk University, Faculty of Science; RECETOX

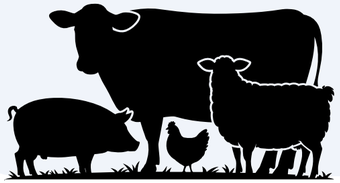
EDUCATION & TRAINING

GRANTS & AWARDS

RESEARCH FOCUS

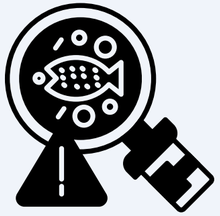
INTERNATIONAL EXPERIENCE

BSc in
Animal Sciences
SZIE, Hungary



EDUCATION & TRAINING

MSc in
Ecotoxicology
MATE, Hungary



PhD in
Animal sciences
MATE, Hungary

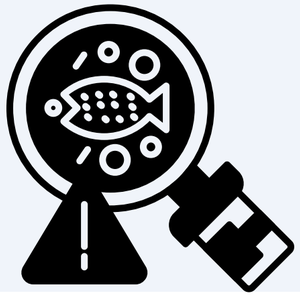
Local Scientific Student Conference

Public talking

National Scientific Student Conference

Thesis topic/ Supervisor

MSc in Ecotoxicology MATE, Hungary



Network

Zebrafish

Courses and trainings

Start early 🙂
Build network
Learn and experience

Laboratory experience

Ecotoxicology

Theoretycal knowledge

Publications

International conferences

Public talk

Scientific publicaions

PhD in Animal sciences MATE, Hungary

Local conferences

Network

Experiment design and data analysis

Courses, Trainings, Summer schools

Laboratory experience

Grant writing

Theoretycal knowledge

Grant writing

Hungarian National Excellence Predoc grant

Scientific writing

Erasmus to Spain

EEA grant to Iceland

Network

GRANTS & AWARDS
PhD years

Summerschool to Czech Republic, RECETOX 🙂

Campus mundi to Japan

International experience

Camus mundi to Iceland

Just apply 🙂

You have 0 % chance for succes only if you dont apply 🙂

Hungarian National Excellence Predoc grant

EEA grant to Iceland

I met my supervisor 1-2 years prior at a conference! We were both alone and our posters were next to each other!

How did I get this?

Erasmus to Spain

GRANTS & AWARDS
PhD years

How did I get these?

I sent out dosens of emails

Summer school to Czech Republic, RECETOX 🙂

Campus mundi to Japan

Camus mundi to Iceland

<u>Start in small</u> 🙂
Send out <u>emails</u>, ask supervisor, colleagues about potential host institutes

Erasmus to Spain

Hungarian National Excellence Predoc grant

EEA grant to Iceland

Postdoc position at Semmelweis University, Hungary

2 years

GRANTS & AWARDS

Summerschool to Czech Republic, RECETOX 🙂

Seal Of Excellence MSCA at University of Gothenburg, Sweden

2 years

Camus mundi to Iceland

Campus mundi to Japan

MSCA PF at Masaryk University, RECETOX, Czech Republic

2 years

How did I find this host?

I applied for a job, that I didn't get!

Then I asked how other options

And we applied for 3 times til we were finally succesful

Acronym	Programme	Type of action	Call	Status	Remaining time	Closure date
ROSEATE	HORIZON	HORIZON-TMA-MSCA-PF-EF	HORIZON-MSCA-2021-PF-01	Final	Closed	12/10/2021 17:00:00
ROSEATE	H2020	MSCA-IF-EF-CAR	H2020-MSCA-IF-2020	Final	Closed	09/09/2020 17:00:00
EQUINOX	H2020	MSCA-IF-EF-ST	H2020-MSCA-IF-2019	Final	Closed	11/09/2019 17:00:00

postdoctoral position Beérkező levelek ×

2017. dec. 2., Szo 17:35

E-mail összegzése

Cs **Csilla Pelyhe** <pelyhe.csilla@gmail.com>
címzett: bethanie.carney

Dear Dr. Bethanie Carney Almroth,

I've just found on the Uniersity of Göteborgs, that your research group is looking for a postdoctoral researcher in the sprin
My doctoral defense was two weeks ago (Effects of trichothecene mycotoxins on the regulation of the glutathione redox s
caught my attention.

Seal Of Excellence MSCA at University of Gothenburg, Sweden

even if you are on the reserved list, you can re-apply next year 🙂

The project proposal
101022374, ROSEATE
Role of extracellular vesicles in nanomaterial-induced oxidative stress in aquatic ecotoxicology

submitted under the Horizon 2020's **Marie Skłodowska-Curie actions**
call **H2020-MSCA-IF-2020** of **9 September 2020**

by
Csilla Pelyhe
and
GOETEBORGS UNIVERSITET
VASAPARKEN
405 30 GOETEBORG
Sweden

2021. September - 2023 August (+matenity leave till 2024. summer)

What you need:
Supportive supervisor
Amazing grant office
Motivation
Believe in yourself!
Dont give up!
Have a plan B
Luck

How did I ended here?

Do you remember this panel?

Do you remember I said to start early?

We applied for this grant in 2023.09.12, my son was born 2023.09.26!

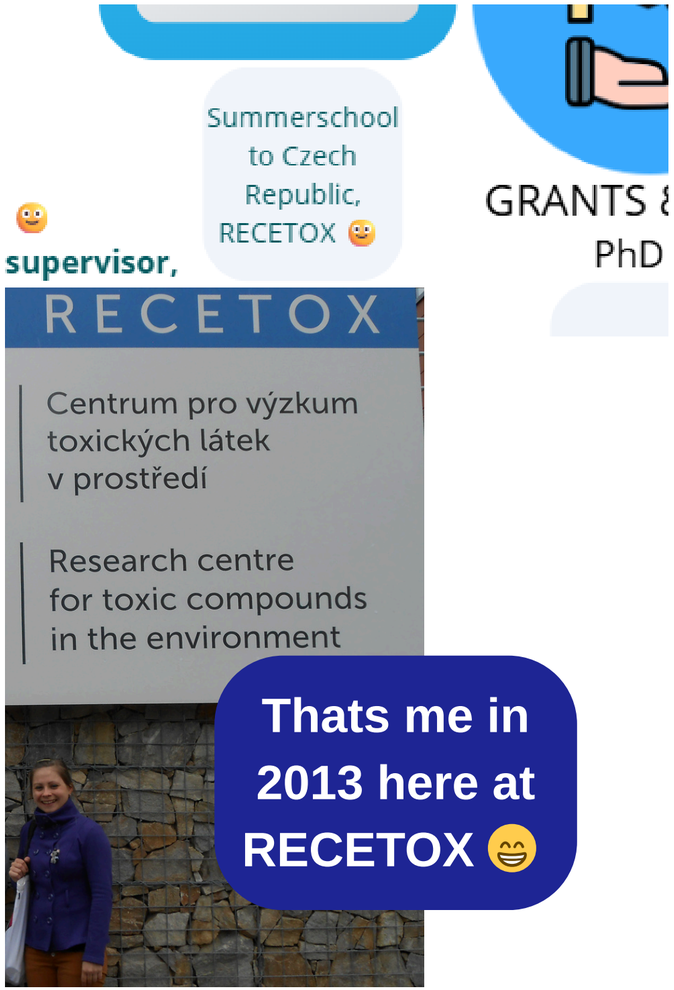
And this time we were (surprised to be) succesful for the first try of application 🙂

MSCA PF at Masaryk University, RECETOX, Czech Republic

2025. September - 2027 August

And who knows whats next? Already thinking about applying for other grants....

What you need:
Supportive supervisor
Amazing grant office
Motivation
Believe in yourself!
Dont give up!
Have a plan B
Luck
Fortuitous turns



Thats me in 2013 here at RECETOX 😁

RESEARCH FOCUS

Ecotox MSc
zebrafish,
nanomaterials,
ecotoxicology

PhD
fish, avian models,
mycotoxins
liver enzymes
oxidative stress
transcriptomics

Be like the
Decorator Crab 😄

Postdoc position
rat, cell models,
proteomics
other assays
extracellular vesicles

SoE in Sweden
fish cell models,
extracellular vesicles,
oxidative stress,
ecotoxicology
nanomaterials

MSCA in RECETOX
zebrafish,
extracellular vesicles,
ecotoxicology

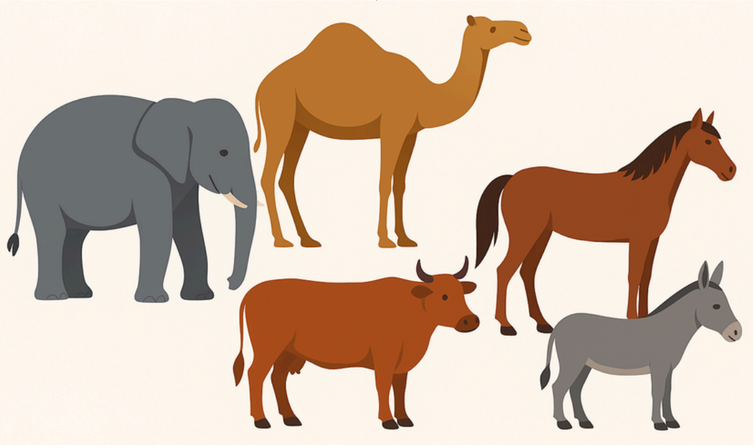
new skills
new methods
new fields
new models
grow network

Stay open minded and curious, but always question everything 🙂

RESEARCH FOCUS

You can do it! Who says: You can't ride two horses at the same time?!

But never forget about a plan B 🙂



When you fall off the horse, you get back on it (and re-sumbit next year 🙂

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prof. RNDr. Luděk Bláha, Ph.D. Vice-Dean for Doctoral Studies, MUNI, Faculty of Science; RECETOX

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