



Fran Nekvapil

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<https://sites.google.com/view/sustain-aquat-res-tech/workshops> |

Strada Donat nr. 180, bl. A8, ap. 19, 400331, Cluj-Napoca, Romania

● WORK EXPERIENCE

01/06/2020 – CURRENT – Cluj-Napoca, Romania

UNIVERSITY RESEARCH ASSISTANT – BABEȘ-BOLYAI UNIVERSITY, BIOMOLECULAR PHYSICS DEPARTMENT

Raman spectroscopy techniques, Blue bioeconomy, spectroscopy in general, supporting analytical methods
Existing research project contracts until January 2024.

02/12/2018 – CURRENT

RESEARCH ASSISTANT – NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES

Raman spectroscopy techniques, nanomaterials, spectroscopy in general, supporting analytical methods

● EDUCATION AND TRAINING

28/04/2021 – CURRENT – Str. Kogalniceanu 1, <http://starubb.institute.ubbcluj.ro/en/>, Cluj-Napoca, Romania

POST-DOCTORAL PROGRAMME FOR ADVANCED RESEARCH COUPLED WITH THE PROJECT: ENTREPRENEURSHIP FOR INNOVATION THROUGH DOCTORAL AND POSTDOCTORAL RESEARCH POCU/380/6/13/123886 – Babes-Bolyai University, institute STAR-UBB

30/09/2020 – 24/11/2020 – Str. Kogălniceanu nr. 1, Cluj-Napoca, Romania

DOCTOR DEGREE IN PHYSICS – Babeș-Bolyai University, Raman-AFM Laboratory

<http://www.phys.ubbcluj.ro/raman/>

30/09/2015 – 05/09/2017 – Ćira Carića nr. 4, Dubrovnik, Croatia

MASTER DEGREE IN MARICULTURE – University of Dubrovnik, Department of Aquaculture

<https://www.unidu.hr/marikultura/>

26/02/2017 – 14/08/2017 – Str. Kogălniceanu nr.1, Cluj-Napoca, Romania

ERASMUS+ TRAINEESHIP IN RAMAN-AFM LAB, 1 SEMESTER – Babeș-Bolyai University, Raman-AFM Laboratory

<http://www.phys.ubbcluj.ro/raman/>

30/09/2016 – 31/01/2017 – Zátíší 728/II, Vodnany, Czechia

ERASMUS+ ENROLMENT, 1 SEMESTER – University of South Bohemia, Faculty of Fisheries and Protection of Waters

<http://www.frov.jcu.cz/en/>

30/09/2012 – 29/09/2015 – Čira Carića nr. 4, Dubrovnik, Croatia

BACHELOR DEGREE IN AQUACULTURE – University of Dubrovnik, Department of Aquaculture

<https://www.unidu.hr/akvakultura/>

● LANGUAGE SKILLS

Mother tongue(s): **CROATIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C2
GERMAN	B2	B2	B2	B2	B1
ROMANIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

17 ISI indexed original research articles

Citations (without self-citations): 52 (Web of Science),

Total citations in Google Scholar: 107

H-index (Web of Science): 4

● CONFERENCES AND SEMINARS

20 conference contributions

2 online participations (1 presentation, 1 poster)

8 oral presentations given on-site

4 posters presented on-site

5 co-authored

● PROJECTS

31/03/2022 – 31/12/2023

New composites based on carotenoid-depleted seafood shell waste with efficient environmental pollutants adsorption

Function: Project director

Funder: Romanian Ministry of Research, Innovation and Digitalization - UEFISCDI
Total budget: 218 000 RON (cca. 43 600 EUR)

22/10/2020 – CURRENT

From Nanobiosensing to Blue Bioeconomy: Translational Science as Innovation Speeder of Blue Growth (acronym BlueBioSustain)

Function: Research assistant

Funder: Romanian Ministry of Research, Innovation and Digitalization - UEFISCDI

02/12/2018 – 14/05/2021

New methods of diagnosis and treatment: Current challenges and technologic solutions based on nanomaterials and biomaterials (SANOMAT)

Function: Research assistant

Funder: Romanian Ministry of Research, Innovation and Digitalization - UEFISCDI

02/2021 – 09/2022

Ultra-fast dynamics in ZnO-based nanomaterials for enhanced performance in fluorescence and SERS spectroscopy

Research assistant

Funder: Romanian Ministry of Research, Innovation and Digitalization - UEFISCDI

28/04/2021 – CURRENT

POCU/380/6/13/123886 Antrepreneurship by innovation through doctoral and post-doctoral research

Function: Post-doctoral researcher

Funder: Babeş-Bolyai University / European Union

01/06/2020 – 31/07/2021

Blue bioeconomy approach to wasted marine biomass - an innovative fertilizer for green economy and agriculture (acronym MARIFERT)

Function: Project director

Funder: Babeş-Bolyai University

Total budger: 50 000 RON (cca. 10 000 EUR)

Contribution to preparation of 2 proposals for Horizon calls in 2020

● **ORGANISATIONAL SKILLS**

First workshop on Blue Bioeconomy Approach to Marine Biomass Waste: INNOVATIVE IDEAS, TECHNIQUES AND TRANSLATIONAL SCIENCES

24. June 2021, Cluj-Napoca, hybrid even

With participation of the company Metrohm Romania, branch B&W TEK

Organizers: F. Nekvapil and S. C. Pinzaru

Host: Faculty of Environmental Sciences and Engineering (UBB)

Second workshop on Blue Bioeconomy Approach to Marine Biomass Waste: INNOVATIVE IDEAS, TECHNIQUES AND TRANSLATIONAL SCIENCES

20. October 2021, Dubrovnik, hybrid event

reinforcing the collaboration between the Babeş-Bolyai University and the University of Dubrovnik
Organizer: F. Nekvapil
Host: Applied Ecology Department (Uni Du)

- **DIGITAL SKILLS**

My Digital Skills

Knowledge of MS Office (Excel Word PowerPoint) | Good knowledge of Origin

- **HONOURS AND AWARDS**

Doctoral thesis rated with the best mark (Excellent); defence 25.11.2020

Rector`s award for best performance at Department of Aquaculture, University of Dubrovnik, in academic year 2016/2017

Diploma Summa cum laude for the exceptional success during the graduate university programme "Mariculture"

Diploma Cum laude for the exceptional success during the undergraduate university programme "Aquaculture"
