Nyíri Kinga

Önéletrajz

Basic data

Department: Alkalmazott Biotechnológia és Élelmiszertudományi Tanszék

Position: Egyetemi adjunktus,

e-mail: nyiri.kinga@vbk.bme.hu

Phone: 463-**3862,** 463-**2269**

Address: building CH, 1st floor, room 163., -1 floor 46. (Biostruct Laboratory);
Hun-Ren RCNS Institute of Molecular Life Sciences, Genom Metabolism Researchgroup, Magyar Tudósok körútja 2. É3.23A-3.24, +36 1 382 6762

Links

MTMT: 10043056

ODT: https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=39636

Google Scholar ID: https://scholar.google.hu/citations?user=_E-2NjMAAAAJ&hl=hu

Linkedin: www.linkedin.com/in/kinga-nyíri-20454880

ResearchGate: https://www.researchgate.net/profile/Kinga-Nyiri

MTA: https://mta.hu/koztestuleti_tagok?PersonId=10059755

Introduction

Short introduction:

In 2018, Dr. Kinga Nyíri earned her PhD with Promotio sub auspiciis praesidentis Rei Publicae Presidential Honors at the Budapest University of Technology and Economics (BME). Her publication record, comprises 23 articles in high-impact international journals (13 in D1 and 8 in Q1). Of these, she is the first author on 11 papers (6 in D1 and 3 in Q1 journals) and the corresponding author on 3. These have a collective impact factor >116 and have received >250 independent citations. Her Hirsch index is 7. Dr. Nyíri was awarded an OTKA PD grant as an independent researcher to develop effective inhibitors targeting human dUTPase and a Post-Doctoral Excellence Grant (ÚNKP) to investigate interactions of KRAS oncogenic protein mutants. She is a principal investigator of three PhD students, from whom one is involved in the Cooperative PhD Program (EKÖP).

Dr. Nyíri is proficient in a range of molecular and structural biology techniques, with particular expertise in protein crystallography.

Education: PhD in Bio-, Environmental and Chemical Engineering (BME), Chemical Engineering MSc

Professional experience:

A wide variety of molecular and structural biology techniques, management of research projects, participation in domestic and international consortium projects and collaborative work

Research topics:

- Structural and biophysical investigation of protein-type interacting partners of dUTPase enzymes
- Development of efficient mycotoxin-degrading enzymes
- Investigation of interactions and inhibitors of oncogenic mutant KRAS protein

Research projects:

OTKA PD-134324, ÚNKP-20-4 (ÚNKP-20-4-II-BME-311), EKÖP-KDP-24-1-BME-25

Awards, honours:

George Oláh Award, ÚNKP (2016 and 2020), OTKA PD (2020-2024), Mecenature (presentation at an international conference), *Fundation of Richter Gedeon Ltd.* Funding for a short-term fellowship, FEBS YSF és YTF, EMBO travel grant

Scholarships, scientific trips:

- FEBS-IUBMB-PABMB Congress 2022
- FEBS Congress and Young Scientists' Forum (YSF) 2018
- Higher European Research Course for Users of Large Experimental Systems- HERCULES 2017
- *Advanced Methods in Macromolecular Crystallization VII 2016*
- *Structural characterization of macromolecular complexes – EMBO Practical Course 2016*
- *Budapest Biostruct Course on Basics in Crystallographic Data Collection and Data Processing 2015*
- *Fundamentals of Modern Methods of Biocrystallography – Biocrys 2014*
- *Budapest Biostruct Course on Basics in Protein Crystallization and Crystallography 2013*
- *International School on Biological Crystallization – ISBC 2013*
- Ivan Villax Traineeship program at Hovione Ltd, Portugal 2011-2012

Professional and scientific public activities:

supervisor of several TDK works, departmental equity representative , Researchers' Night lectures

Teaching activities:

Lecturer of General Chemistry practice, Bioregulation, Biology and Biotechnology subjects. Biotechnology MSc Project supervisor. Invited lecturer at Organic structure determination II.