

MARTIN KONDŽA



Date of birth	July 18 th , 1992
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Nationality	Croatian
Languages	Croatian, English, German, French, Italian

HIGHLIGHTS

- **medicinal chemistry:** credited with finding new inhibitors of one of the most important enzymes for drug metabolism - CYP3A4 and describing the mechanism of this inhibition
- **pharmacovigilance:** responsible for the organization and evaluation of the pharmacovigilance process in Bosnia and Herzegovina; started the first systematic collection and assessment of national side effects
- **pharmacovigilance:** responsible for publishing the first national report in Bosnia and Herzegovina on adverse reactions to drugs and medical devices
- **medicinal chemistry:** Pharmaceutical Research Institute a part of the EFMC
- **translator:** translator with the largest number of translated Cochrane abstracts in Bosnia and Herzegovina

EDUCATION

2021	PhD – PhD in Pharmaceutical and Biochemical Sciences (Biomedicine and Health), doctoral dissertation Mechanism of flavonoid inhibitory effect on cytochrome P450 3A4 - University of Zagreb Faculty of Pharmacy and Biochemistry, Zagreb, Croatia
2016	MPharm - Master of Pharmacy, University of Mostar, Faculty of Pharmacy, Mostar, Bosnia and Herzegovina

WORK EXPERIENCE

- 2021 – today **Assistant Professor**
University of Mostar Faculty of Pharmacy, Mostar, Bosnia and Herzegovina
Courses: Pharmaceutical Chemistry 1 and 2, Drug Analytics 1 and 2, Drug Biochemistry, History of Pharmacy
- 2022 – today **Assistant Professor**
Visiting professor at the University of Tuzla Faculty of Pharmacy, Tuzla, Bosnia and Herzegovina
Course: Pharmaceutical Chemistry and Pharmacognosy at the postgraduate doctoral study programme
- 2024 – today **Assistant Professor**
Professor at the Josip Juraj Strossmayer university of Osijek Faculty of Food and Technology, Study of Pharmacy, Osijek, Croatia
Courses: Pharmaceutical Chemistry 1 and Pharmaceutical Chemistry 2
- 2020 – 2023 **Project coordinator**
Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina / IQPharm
University of Sarajevo, Sarajevo, Bosnia and Herzegovina
- 2020 – today **Translator**
Cochrane Croatia, University of Split, Split, Croatia
- 2017 - 2021 **Teaching Assistant**
University of Mostar Faculty of Pharmacy, Mostar, Bosnia and Herzegovina
Courses: Pharmaceutical Chemistry 1 and 2, Drug Analytics 1 and 2, Drug Biochemistry, History of Pharmacy
- 2017 – 2020 **Pharmacovigilance Expert**
Agency for Medicines and Medical Devices of Bosnia and Herzegovina, Main Office for Pharmacovigilance, Mostar, Bosnia and Herzegovina
- 2016 – 2016 **Pharmacist**
Čolak Pharmacies
Široki Brijeg, Bosnia and Herzegovina
- 2014 – 2014 **Research Associate**
Faculty of Pharmaceutical Sciences
University of Ghent, Ghent, Belgium

PROJECTS

- 2021 – today **Project coordinator**
Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina / IQPharm
Description: Study programs at public universities in B&H and methodological-didactic-pedagogical characteristics of the success of academic staff involved in the teaching process and methods and forms of teaching are evaluated by surveys that students complete at the end of each semester. We found that the problem at public universities in B&H is a statistically insignificant sample of students who evaluate academic staff involved in the teaching

process: according to data available from the University Quality Office, the average percentage of students who take surveys is 10-33%. The application of these advanced teaching and learning practices requires explicit capacity building with regard to the improvements needed at the institutional and regulatory level, as well as the development of teaching competencies and teaching and teaching staff.

Funded by the European Commission - ERASMUS + Capacity building in the field of Higher Education.

2020 – today

Translator

Cochrane Croatia

Description: Translating basic Cochrane abstracts into Croatian is one of the most important parts of expanding the global Cochrane network. Funded by the European Commission.

2020 – 2021

Project coordinator

Pharmaceutical Research Institute joining the EFMC

Description: The European Federation of Medicinal Chemistry (EFMC) is the only and largest organization in Europe that brings together pharmaceutical chemists and organizations in pharmaceutical chemistry. The Institute for Pharmaceutical Research is an organization in B&H that represents pharmaceutical chemists and we have joined the EFMC as the only representative from B&H.

2019 – 2020

Researcher

Investigation of inhibitory effects of flavonoids on cytochrome P450 3A4 enzyme

Description: Drug interactions are one of the leading causes of hospitalization and death in Western countries. To date, there is new evidence of natural products and chemical compounds, components of fruits and vegetables that may have strong interactions with commonly used drugs. Flavonoids are one of these compounds that need to be further investigated due to their ability to act as an inhibitor or inducer of certain drugs. Funded by the Federal Ministry of Education and Science.

2019 – 2019

Project coordinator

Procurement of basic equipment for scientific research

Description: The Faculty of Pharmacy is the youngest faculty of the University of Mostar, and it does not have a permanent space or its own laboratories. Therefore, it was necessary to implement a project for the procurement of basic equipment needed to work in pharmaceutical chemistry. Funded by the Federal Ministry of Education and Science.

SYMPOSIA AND CONFERENCES

- 2015 SAMED – 1st medical student congress in Bosnia and Herzegovina, Sarajevo, B&H
- 2015 EPSA – 38th annual conference, Toulouse, France
- 2015 CPSA – 2nd national congress, Zagreb, Croatia
- 2015 EPSA – 12th autumn assembly, St Julian's, Malta
- 2016 SAMED – 2nd medical student congress in Bosnia and Herzegovina, Sarajevo, B&H
- 2016 EPSA – 39th annual assembly, Helsinki, Finland
- 2016 6th Symposium of Masters of Pharmacy of FB&H, Neum, B&H
- 2017 7th Symposium of Masters of Pharmacy of FB&H, Zenica, B&H

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- 2017 20th Symposium FDRS, Jahorina, B&H
- 2017 8th Symposium of Masters of Pharmacy of FB&H, Neum, B&H
- 2017 9th Symposium of Masters of Pharmacy of FB&H, Sarajevo, B&H
- 2018 10th Symposium of Masters of Pharmacy of FB&H, Neum, B&H
- 2018 11th Symposium of Masters of Pharmacy of FB&H, Sarajevo, B&H
- 2018 Phytotherapy in the pharmaceutical practice, Mostar, B&H
- 2018 3rd Symposium on Stone - Herzegovina Land of Stone, Mostar, B&H
- 2018 Conference on Health Development in FB&H, Mostar, B&H
- 2019 4th Congress of Pharmacists in Bosnia and Herzegovina, Sarajevo, B&H
- 2019 Computational Chemistry Day – Zagreb, Croatia
- 2019 2nd Scientific BH Cochrane Symposium - Cochrane for All, Mostar, B&H
- 2020 (R)evolution of microbes, Mostar, B&H
- 2020 Webinar: Medicinal Chemistry in Bosnia and Herzegovina, Mostar, B&H
- 2020 12th Croatian Cochrane Symposium, Split, Croatia
- 2021 6th EFMC-YSN MedChemBio
- 2021 ERASMUS+ Capacity Building in the Higher Education: Grant holders Meeting
- 2021 Training of Teaching Staff for OSCE, Split, Croatia
- 2021 Training of Teaching Staff for KREF, Novi Sad, Serbia
- 2021 Use of drugs in pregnant women, nursing mothers and children, Mostar, B&H
- 2022 14th Symposium of Masters of Pharmacy of FB&H, Neum, B&H
- 2022 12th ISABS Conference, Dubrovnik, Croatia
- 2022 15th Symposium of Masters of Pharmacy of FB&H, Sarajevo, B&H
- 2023 Good Clinical Practice Certificate, Global Health Network
- 2023 44th EPISA Annual Assembly, Podčetrtek, Slovenia
- 2023 EFMC Workshop, Lisbon, Portugal
- 2023 IX EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, Zagreb, Croatia
- 2023 81st FIP Congress of Pharmacy and Pharmaceutical Sciences, Brisbane, Australia
- 2024 17th Symposium of Masters of Pharmacy of FB&H, Neum, B&H
- 2024 18th Symposium of Masters of Pharmacy of FB&H, Sarajevo, B&H

SERVICE

Positions:

- Board Member, Pharmaceutical Chamber of FB&H – 2020 – ongoing

President of the organizing committee:

- Webinar: Medicinal Chemistry in Bosnia and Herzegovina
- Virtual symposium of the FB&H Chamber of Masters of Pharmacy - The role and importance of pharmacists during the COVID-19 pandemic
- 14th Symposium of Masters of Pharmacy of FB&H – The role of the pharmacist in strengthening the immune response

Member of the organizing/scientific committee:

- 7th Symposium of students of Pharmacy and Medicinal Biochemistry of Croatia
- Use of corticosteroid drugs in daily practice
- Phytotherapy in pharmacy practice

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- 4th Congress of Pharmacists in Bosnia and Herzegovina
- 2nd Scientific BH Cochrane Symposium - Cochrane for All
- Virtual symposium of the FBiH Chamber of Masters of Pharmacy - The role and importance of pharmacists during the COVID-19 pandemic
- Use of drugs in pregnant women, nursing mothers and children, Mostar, Bosnia and Herzegovina
- 15th Symposium of Masters of Pharmacy of FB&H
- 16th Symposium of Masters of Pharmacy of FB&H
- 5th Congress of Pharmacists in Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina
- IQPharm Final Symposium, Sarajevo, Bosnia and Herzegovina
- 17th Symposium of Masters of Pharmacy of FB&H

Member of working groups:

- Centre for Entrepreneurship, University of Mostar
- Commission for Pharmacies of the West Herzegovina County
- Strategy Development Committee of the University of Mostar
- Alumni Commission of the University of Mostar
- Commission for the Register of Works of the University of Mostar
- Commission for Professional Affairs of the Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina
- Commission for the Development of Good Pharmacy Practice in Bosnia and Herzegovina
- Commission for the Development of the Competence Framework for Masters of Pharmacy in the Federation of Bosnia and Herzegovina
- Commission for Quality Assurance and Improvement of the Faculty of Pharmacy, University of Mostar
- Annals of Biomedical and Clinical Research – journal, member of the editorial board
- Pharmacist - journal, member of the editorial board
- Placebo - Journal, Editor-in-Chief, 2012 – 2015
- President of the Commission for Scientific Work in the Federation of Bosnia and Herzegovina, 2022 – present
- Commission for professional exams for pharmaceutical technicians of the Institute for upbringing and education of the West Herzegovina County, 2023 – today
- Commission for revision of the *Pharmacy* study programme
- Commission for the elaborate of the *Laboratory Biomedicine* study programme
- FIP Academic Pharmacy Section
- FIP Research and Scholarship Working Group
- FIP Artificial Intelligence Working Group
- FIP Congress Organization Working Group

Membership in associations:

- Chamber of Masters of Pharmacy of the Federation of Bosnia and Herzegovina
- Institute for Pharmaceutical Research
- Royal Pharmaceutical Society of Great Britain
- Donor Network of Bosnia and Herzegovina
- Cochrane of Bosnia and Herzegovina

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- Matrix croatica
- European Federation for Medicinal Chemistry
- Croatian Pharmaceutical Society
- European Association of Pharmacy Students - Alumni Committee
- Croatian Association for Cancer Research

Awards and acknowledgments:

- Večernjakov pečat – Person of the year nomination, 2021
- Leadership Development – International Pharmaceutical Federation, 2023

LANGUAGES

Croatian	native language	-
English	C2 level	Lingua school for languages
German	B2 level	Lingua school for languages
Italian	B1 level	Lingua school for languages
French	A2 level	Lingua school for languages

INTERNATIONAL STAYS

- 2014 – 2014 Department of Process Analytical Pharmaceutical Technology
Faculty of Pharmaceutical Sciences, University of Ghent, Ghent, Belgium
Prof. Thomas De Beer, PhD
- 2016 – 2016 Department of Pharmacology
Faculty of Medicine, University of Zagreb, Zagreb, Croatia
Prof. Predrag Sikirić, PhD
- 2017 – 2020 Department of Pharmaceutical Chemistry
Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb,
Croatia
Prof. Mirza Bojić, PhD

RECOMMENDATIONS

1. Associate Professor Ivica Brizić, PhD
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Faculty of Pharmacy University of Mostar
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2. Associate Professor Mirza Bojić, PhD
Head of Department of Pharmaceutical Chemistry
Faculty of Pharmacy and Biochemistry University of Zagreb
Ante Kovačića 1
10000 Zagreb, Croatia

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3. Assistant Professor Biljana Tubić, PhD, Specialist of Drug Control
Head of the Department of Medicines
Agency for Medicines and Medical Devices of Bosnia and Herzegovina
Veljka Mlađenovića bb
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PUBLICATIONS

The full list of publications and activities is available on the website of the Croatian Research Information System (CRORIS)

(<https://www.croris.hr/crosbi/searchByContext/2/41980>)