

## OSOBNJE INFORMACIJE

Milena Jadrijević-Mladar Takač

## ZVANJE

mag. pharm.

## TITULA

Prof. dr. sc.

## RADNO ISKUSTVO

06.1981 -

## sveučilišni profesor

Farmaceutsko-biokemijski fakultet, Sveučilište u Zagrebu, A. Kovačića 1, 10000 Zagreb, [www.pharma.hr](http://www.pharma.hr)

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Profesor iz Farmaceutske kemije u studiju medicinske biokemije, te Biokemije lijekova u studiju farmacije i medicinske biokemije, Medicinal chemistry (kolegij na engleskom jeziku) u studiju farmacije, te Lijekovi inhibitori enzima/Drugs as enzyme inhibitors (kolegij na hrvatskom i engleskom jeziku) u Doktorskom studiju Farmaceutsko biokemijske zanosti.

06.1981 -

## Zavod za farmaceutsku kemiju, sveučilišni profesor

Farmaceutsko-biokemijski fakultet, Sveučilište u Zagrebu, A. Kovačića 1, 10000 Zagreb, [www.pharma.hr](http://www.pharma.hr)

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Izvođenje nastave (predavanja, seminari, vježbe, pismeni i usmeni ispiti) u studiju farmacije i studiju medicinske biokemije iz kolegija Farmaceutska kemija, Biokemija lijekova i Medicinal chemistry na diplomskoj razini, te kolegijima Lijekovi inhibitori enzima i Drugs as enzyme inhibitors u okviru doktorskog studija 'Farmaceutsko-biokemijske znanosti. ,

OBRAZOVANJE I  
OSPOSOBLJAVANJE

10.1988 - 07.1994

## Dr. Sci.

Farmaceutsko-biokemijski fakultet, Sveučilište u Zagrebu

10.1983 - 07.1986

## Mr, sci.

Prirodoslovno-matematički fakultet, Sveučilište u Zagrebu

10.1975 - 06.1981

## mag. pharm.

Farmaceutsko-biokemijski fakultet, Sveučilište u Zagrebu

## OSOBNJE VJEŠTINE

Materinski jezik Hrvatski

Ostali jezici	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Engleski	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik

**Komunikacijske vještine** Govorne i pisane vještine na materinskom i engleskom jeziku, pasivno služenje francuskim i njemačkim jezikom; vještine predavanja, prezentacija, uređivanja, korespondencije, kreativnog izražavanja, govorništva i slušanja sugovornika

**Organizacijske / rukovoditeljske vještine**

2015.-2018. Predstojnica Zavoda za farmaceutsku kemiju Farmaceutsko-biokemijog fakulteta Sveučilišta u Zagrebu;  
 2016.-2018. Predsjednica Povjerenstva za udžbenike i skripta FBF-a.  
 2010-2016. Član Izvršnog odbora EUFEPS-a (European Federation for Pharmaceutical Sciences);  
 2006.- Član EUFEPS Vijeća (European Federation for Pharmaceutical Sciences)  
 2003. - 2006. Prodekanica za nastavu Farmaceutsko-biokemijog fakulteta, Sveučilišta u Zagrebu (FBF);  
 2005. - 2007. Voditeljica Centra za primjenjenu farmaciju na FBF-u;  
 2003.-2006. Koordinator za ECTS i međunarodnu suradnju FBF-a;  
 2004. - 2007. Koordinator međunarodnog projekta TEMPUS JEP 18028-2003, 'New Pharmacy Curricula - Development and Implementation';  
 2013.-2014. Voditelj MZOS projekta br. 006-0982929-2940, 'Modeliranje molekula i materijala metodama matematičke i računarke kemije';  
 2013.-2018. Voditelj projekta KFPI 2, 1.1.2.5 Sveučilišta u Zagrebu, 'Istraživanje značajki inhibitora protein tirozin kinaze u antitumorskoj terapiji';  
 2006.- Predsjednica Sekcije za farmaceutske znanosti HFD-a;  
 2007. - 2010. Predsjednica Povjerenstvo za međunarodnu suradnju Hrvatske ljekarničke komoe (HLJK);  
 1996. Dopredsjednica Organizacijskog odbora Prvog hrvatskog kongresa farmacije (Zagreb, 5. - 7. 07. );  
 2005. Predsjednica Organizacijskog odbora Trećeg hrvatskog kongresa farmacije (Cavtat, 27. - 30. 04.);  
 2009. Supredsjedateljica (Co-Chair) i predsjednica Organizacijskog odbora EUFEPS/CPhS Conference in Zagreb (1st ZICPS) 'Networking in Pharmaceutical Sciences (Zagreb, 27. 02.);  
 2013. Supredsjedateljica (Co-Chair) i predsjednica Organizacijskog odbora 2nd Zagreb International Conference on Pharmaceutical Sciences (2nd ZICPS) 'Sharing a vision - Towards better and safe medicines' (Zagreb, 25. - 26. 10..).

**Poslovne vještine** Planiranje, organizacija, upravljanje poslovima, prezentacija ideja, pregovaranje, provođenje planiranih zadataka, rukovođenje timom suradnika, kreativnost, komunikacija s potencijalnim korisnicima usluga, poslovno izvještavanje, financijski menadžment.

**Računalne vještine** Rad na PC-ju u programima Microsoft Office (Microsoft Word, PowerPoint, Excel); ChemDraw Ultra 11.0; OriginPro 8; MedChem Studio i ADMET Predictor TM (SimulationsPlus, USA)

Ostale vještine slikanje, crtanje

Vozačka dozvola DA, B, G i H kategorije, 6. 10. 1993. MUP-RH PU Zagreb, 9844635 Vrijedi do 12. 07. 2021.

DODATNE INFORMACIJE

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## Izdanja

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Gaspar R, Aksu B, Cuine A, Danhof M, Jadrijevic-Mladar Takac M, Linden HH, Link A, Muchitsch EA, Wilson CG, Öhrngren P, Dencker L (2012) Towards a European Strategy for Medicines Research (2014–2020): The EUFEPS Position Paper on Horizon 2020. *Eur J Pharm Sci* 4: 979–987;

Anes, AM, Arana A, Blake K, Evans S, Fourier-Réglat A, Hallas J, Kurz X, Leufkens H, Moore N, Moride Y, Parkinson J, Perez-Gutthann S, Slattery J, Sturkenboom M, Jadrijevic-Mladar Takac M, Theodorakis M, Vander Stichele R (2011) ENCePP Guide on Methodological Standards in Pharmacoepidemiology, EMA/95098/2010, 13 May 2011, available at [http://www.encepp.eu/standards\\_and\\_guidances/documents/ENCePPGuideofMethStandardsinPE.pdf](http://www.encepp.eu/standards_and_guidances/documents/ENCePPGuideofMethStandardsinPE.pdf);

Jadrijević-Mladar Takac M (2010), Effects of substituents on the NMR features of basic bicyclic ring systems of fluoroquinolone antibiotics and the relationships between NMR chemical shifts, molecular descriptors and drug-likeness parameters, *Acta. Pharm.* 60: 237-254;

Jadrijević-Mladar Takač M (2009) QSAR in Prediction of Target and Antitarget Drug Properties, 3rd BBBB International Conferences on Pharmaceutical Science, New Progresses and Challenges in Pharmaceutical Sciences; *Eur J Pharm Sci* 38 (1) 43-44.; *Proceedings Book TUFTAD Pharmaceutical Sciences Series* (Atilla H, Celebi N, Yuksel N, Eds.), p.p. 234-245.;

Đilović I, Matković-Čalogović D, Kos I, Biruš M, Jadrijević-Mladar Takač M (2007) Cyclic trihydroxamic acid derivatives, *Acta Cryst C* 63, o45 - o47;

Jadrijević-Mladar Takač I, Kos I, Biruš M, Butula I, Gabričević M (2006) A study of the physico-chemical properties of 1,3,5-trihydroxy-1,3,5-triazin-2,4,6-trione, *J. Mol. Struct.* 782: 24-31;

Đilović I, Matković-Čalogović D, Kos I, Biruš M, Jadrijević-Mladar Takač M (2006) N,N',N''-Tribenzoyloxycarbonimidic diamide, *Acta Cryst E* 62: o1016 - o1018;

Jadrijević-Mladar Takač M, Vikić-Topić D, Govorčinović T (2004) FT-IR and NMR spectroscopic studies of salicylic acid derivatives. I. Gentisamide – a metabolite of salicylamide, *Acta Pharm* 54: 163-176;

Jadrijević-Mladar Takač M, Vikić-Tpoić D (2004) FT-IR and NMR spectroscopic studies of salicylic acid derivatives. II. Comparison of 2-hydroxy- and 2,4-hydroxy and 2,5-dihydroxy derivatives, *Acta Pharm* 54: 177-191;

Kalčić I, Zovko M, Jadrijević-Mladar Takač M, Zorc B, Butula I (2003) Synthesis and Reactions of Some Azolecarboxylic Acid Derivatives, *Croat Chem Acta* 76: 217-228;

Zovko M, Zorc B, Jadrijević-Mladar Takač M, Metelko B, Novak P (2003) The Novel Ketoprofeneamides: Synthesis and Spectroscopic Characterization, *Croat Chem Acta* 76: 335-341;

Zovko M, Zorc B, Jadrijević-Mladar Takač M, Zorc D (2001) The novel fenoprofenamides – synthesis and spectroscopic characterisation, *Acta Pharm* 51: 107-115;

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Lovrek M, Jadrijević-Mladar Takač M, Zorc B, Boneschans B (2000) Gemfibrozil ester and amide derivatives – synthesis, spectroscopic characterisation and QSPR, *Pharmazie* 55: 811-816;

Jadrijević-Mladar Takač M, Butula I, Vikić-Topić D, Dumić M (1998) Chemistry of 1,3-Dioxepins. XIII. (E)/(Z) Configurational Assignment of 4,7-Dihydro-4-hydroxyimino-6-nitro-1,3-dioxepins, Croat Chem Acta 71: 557- 571;

Jadrijević-Mladar Takač M, Vikić-Topić D, Vuković J (1998) Synthesis and spectroscopic evidences of (1,5-dihydro-3-isopropyl-8-methyl-3H-(1,3(dioxepino)5,6-c)pyridin-9-O-yl)-toluene-4-sulfonate, Acta Pharm 48: 145-153.

Jadrijević-Mladar Takač M, Butula I, Vinković M, Dumić M (1997) Chemistry of 1,3-Dioxepins. XII. 4,7-Dihydro-5-nitro-1,3-dioxepins In the Diels-Alder reaction with 4-methyloxazole, Croat Chem Acta 70: 649 - 666;

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Jadrijević-Mladar Takač M (2014) EUFEPS Znanstveni dan, Sastanci EUFEPS Vijeća 2014 i Izvršnog odbora, Farm. glas.. 69 (11);

Jadrijević-Mladar Takač M (2014) 2. Međunarodna farmaceutska konferencija 'Suvremeni razvoji u farmaciji', Farm. glas.. 69 (10): 681-685;

Jadrijević-Mladar Takač M (2013) Međunarodna konferencija o farmaceutskim znanostima u Zagrebu - Podijelimo viziju prema boljim i sigurnijim lijekovima, Farm glas 69 (12): 783-801;

Jadrijević-Mladar Takač M (2012) EUFEPS znanstvena politika i stajališta o Horizont 2020, Farm glas 68 (9): 558-567;

Jadrijević-Mladar Takač M (2011) PharmSciFair Farmaceutske znanosti za budućnost lijekova - 20. Obljetnica EUFEPS-a. Iz srca Europe za cijelu Europu, Farm glas. 67 (3): 190-195;

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Jadrijević-Mladar Takač M (2009) Sastanak Vijeća EUFEPS-a 2009. PharmSci Fair 2009. Presatelitski sastanak studenata doktorskih studija i postdoktoranada, Farm glas 65 (10): 557-622;

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Jadrijević-Mladar Takač M (2007) Svjetsko savjetovanje o farmaceutskom obrazovanju, BILTEN Hrvatske ljekarničke komore II (4) 225-226;

Jadrijević-Mladar Takač, M (2007) Ne želimo biti mali doktori, nego veliki farmaceuti, BILTEN Hrvatske ljekarničke komore II (4): 223-224;

Jadrijević-Mladar Takač, M (2007) Težnja prema osiguravanju farmaceutskih kompetencija, BILTEN Hrvatske ljekarničke komore II (2/3): 135-138;

Jadrijević-Mladar Takač M (2007) Kongres PharmaCon 2007, Farm glas 63 (10): 613-620;

Jadrijević-Mladar Takač M (2007) Europske inicijative Europske federacije za farmaceutske znanosti (EUFEPS) - Sastanak Vijeća EUFEPS-a, Farm glas 63: (11): 694-700;

Jadrijević-Mladar Takač M (2002) Sigurni sustavi - Sigurno liječenje – Sigurni pacijenti, Medika 73 (8/9): 4-5;

Jadrijević-Mladar M, Kos I, Govorčinović T (2002) Brže do novih, sigurnih lijekova, Farm glas 58 (12): 479-483;

Jadrijević-Mladar M (2002) Ponosni na prošlost i uvjereni u budućnost - ključ našeg postojanja i uspjeha, Farm glas 58 (12): 487-492;

Jadrijević-Mladar M (2001) Ciljevi, napredak i vizija farmacije u Hrvatskoj. Osvrt na Drugi hrvatski kongres farmacije, Farm glas 57 (11): 405-417;

Jadrijević-Mladar Takač M (2000) Farmacija u 21. stoljeću – 60. međunarodni kongres FIP-a, Farm glas 56 (12) : 443-451;

Jadrijević-Mladar Takač M (2000) Osnovan Međunarodni savez zdravstvenih struka (HPA), Farm glas 56 (12): 451-452;

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Zorc B, Jadrijević-Mladar M (1998) Četvrti međunarodni kongres farmaceutskih znanosti, Farm glas 54 (10): 373.

Jadrijević-Mladar M (1998) Gradimo mostove za dobrobit bolesnika, Farm glas 54 (11): 396-404;

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Jadrijević-Mladar M (1996) Nagrade istraživačima Aspirina, Farm glas 52 (2): 35-40;

Jadrijević-Mladar M (1996) Teče i teče, teče jedan slap...., Farm Glas 52 (7-8): 203-205;

Jadrijević-Mladar M (1996) Bayer AG dodijelio priznanja za životno djelo, MEDIKA-VIII (4): .10;

Jadrijević-Mladar M (1996) Shalom Jerusalem- 56. Međunarodni kongres farmacije, MEDIKA VIII (12): 6-9:

Jadrijević-Mladar M (1995) Farmaceutski fakultet Sveučilišta u Padovi, Farm glas 51 (4): 93-98;

Jadrijević-Mladar N (1995) Svjetski kongres farmacije i farmaceutskih znanosti (FIP'55), Farm glas 51 (11): 303-305;

Jadrijević-Mladar M (1995) Premostimo prepreke - Svjetski kongres farmacije i farmaceutskih znanosti (FIP'55), MEDIKA – VII (11): 2-3.

Jadrijević-Mladar M (1994) Farmacija u Portugalu, Farm glas 50 (12): 341-343;

Jadrijević-Mladar M (1994) Nastava na Farmaceutskom fakultetu Sveučilišta u Coimbri, Farm glas 50 (12): 347-351;

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KNJIGE  
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Autor poglavlja u knjizi:

- Jadrijevic-Mladar Takac M (2014) BEW - Past, present and beyond in scientific approaches in bioequivalence, bioanalysis, dissolution and biosimilarity, In: History of Hungarian Bioequivalence Workshops, Medicina Publishing House Ltd., Budapest, Hungary, ISBN: 978 963226 5155, p.p. 475-478.

Uredništvo:

1.Knjiga sažetaka (Abstracts book), Prvi hrvatski kongres farmacije, Zagreb, 5-7/06/1996., Hrvatsko farmaceutsko društvo, "LASER plus"/"PULJKO" 1996; CIP- Kategorizacija u publikaciji Nacionalna i sveučilišna knjižnica, Zagreb, UDK 615.1(497.5)(063)(048); ISBN 953-96847-0-6. (M. Jadrijević-Mladar Takač, B. Cetina-Čižmek, ur.);

2.Knjiga sažetaka (Abstracts book), Drugi hrvatski kongres farmacije, Cavtat, 31/05-03/2001., Farmaceutsko-biokemijski fakultet Sveučilišta u Zagrebu "Kratiss" Zagreb, 2001. CIP- Kategorizacija u publikaciji: Nacionalna i sveučilišna knjižnica, Zagreb, UDK 615.1(497.5)(063)(048); ISBN 953-6256-35-5. (M. Jadrijević-Mladar Takač, Renata Jurišić, Jadranka Vuković, ur.);

3. Vodič za buduće studente, Akademski godina 2004./05., Farmaceutsko-biokemijski fakultet Sveučilišta u Zagrebu, Zagreb 2004. Dizajn Studio RINGEIS, CIP- Kategorizacija u publikaciji: Nacionalna i sveučilišna knjižnica, Zagreb, UDK 378.661.5(497.5)(036); ISBN 953-6256-42-8. (M. Jadrijević-Mladar Takač, B. Zorc, ur.).

4. Knjiga sažetaka s programom/Book of Abstracts with Programme (tvrdi uvez i CD), IX. Savjetovanje farmaceuta, Opatija, HR, 25-2705/2006., Udruženje farmaceuta regije Zagreb, Dizajn Studio ADI d.o.o., Samobor 2005. UDK 615(063)(048); ISBN 953-96847-4-9; (M. Jadrijević-Mladar Takač, ur.).

5. Program & Book of Abstracts, 8th CROPBSA International Interdisciplinary Summer School on Hypertension, 7-14/08/2005, Obonjan, HR, CROPBSA, Faculty of Pharmacy and Biochemistry, University of Zagreb, Zagreb 2005., ISBN 953-6256-48-7. (M. Jadrijević-Mladar, S. Crnković, ur.)
6. Programme and Abstracts Book with CD, EUFEPS/CPhS Conference in Zagreb 'Networking in Pharmaceutical Sciences, Zagreb, 27/02/2009., HFD/CPhS, ISBN 978-953-96847-7-6 (M. Jadrijević-Mladar Takač, ur.);
7. Final Programme and Book of Abstracts, 2nd ZICPS 2013, 2nd Zagreb International Conference on Pharmaceutical Sciences 'Sharing a vision - Towards better and safe medicines', 25-26/1/2013, Hrvatsko farmaceutsko društvo, Zagreb 2013., ISBN 978-953-7897-01-7; CIP 858626 (M. Jadrijević-Mladar Takač, ur.);
8. Conference Proceedings, 2nd ZICPS 2013, 2nd Zagreb International Conference on Pharmaceutical Sciences 'Sharing a vision - Towards better and safe medicines', 25-26/1/2013, Hrvatsko farmaceutsko društvo, Zagreb 2013., ISBN 978-853-7897-02-4; CIP 865516, (M. Jadrijević-Mladar Takač, ur.);

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RECENZIJJE  
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1. Analizat biokimike, Interpretimi i vlerave patologjike, Zehadin Gashi, ur., Institute Per Hulumtim Dhe Zhvillim Farmaceutik, Biblioteka Kombetare dhe Universitare e Kosoves ISBN 978-9951-460-18-7, CIP 577.1, 616 074, ALB-MED, Kosovo 2013.
2. Temeljna i klinička farmakologija (11. Izdanje), Glavni urednik Katzung BG, urednici: Masters SB, Trevor AJ; Stručni urednici hrvatskog izdanja: Trkulja V, Klarica M, Šalković-Petrišić M, ISBN 978-953-176-511-4, CIP 781673, Medicinska naklada Zagreb 2011.
3. Hrvatska farmakopeja 2007 s komentarima, Hrvatsko farmaceutsko društvo, 2007., ISBN 978-953-96847-5-2, CIP 631645, DENONA d.o.o. Zagreb, 2007.
4. PHARMACEUTICAL EXCIPIENTS: CHARACTERIZATION BY IR, RAMAN AND NMR SPECTROSCOPY, Bugay DE, Findlay WP, Marcel Dekker, Inc. New York, 1999; M. Jadrijević-Mladar (1999) Farmaceutske podloge – Karakterizacija pomoću IR, Raman i NMR spektroskopije, Farm. glas. 9, p. ; Jadrijević-Mladar M (1999) Pharmaceutical Excipients: Characterization by IR, Raman and NMR Spectroscopy, Acta Pharm. 48: 223-224;



## Prezentacije

### PREDAVANJA

(u svim predavanjima predavač je M. Jadrijević-Mladar Takač, gdje ima više koautora, predavač je označen \*)

2018. Tyrosine kinase inhibitors (TKIs) - Challenges for anticancer therapy and regulatory perspectives, Faculty of Pharmacy, Biruni University, 34010 Topkapi, Istanbul, Turkey, 2/10/2018;

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## Projekti

2014.- 2018. BM2.3 Sveučilišta u Zagrebu, 'Istraživanje značajki inhibitora protein tirozin kinaze i histon deacetilaze u antitumorskoj terapiji'; voditelj: Prof. dr. Milena Jadrijević-Mladar Takač;

2013.- KFPI 2, 1.1.2.5 Sveučilišta u Zagrebu, 'Istraživanje značajki inhibitora protein tirozin kinaze u antitumorskoj terapiji'; voditelj: Prof. dr. Milena Jadrijević-Mladar Takač;

2013. - 2014. MZOS Projekt br. 006-0982929-2940 'Modeliranje molekula i materijala metodama matematičke i računarske kemije'; voditelj: Prof. dr. Milena Jadrijević-Mladar Takač;

2007. - 2012. MZOS Projekt br. 098- i 077-0982929-2940 'Modeliranje molekula i materijala metodama matematičke i računarske kemije' (voditelj: Prof. dr. Ante Graovac, IRB, PMF Split); MJMT suradnik;

1997. - 2002. CRO PharmDiab program, dio WHO EuroPharm Forum projekta Diabetes care i Nacionalnog programa zaštite od šećerne bolesti; voditelj: Dr. sc. Milena Jadrijević-Mladar Takač;

2002. - 2006. Projekt br. 0006543, MZOŠ RH, Ljekovite i pomoćne tvari – sinteza, karakterizacija i djelovanje (voditelj: Prof. dr. Branka Zorc, FBF); MJMT suradnik;

1996. - 2002. Projekt br. 006243 MZT RH, Biotici i ksenobiotici –priprava, karakterizacija i aktivnost (voditelj Prof. dr. Ivan Butula, kasnije Prof. dr. Branka Zorc, FBF); MJMTsuradnik;

1991. - 1996. Projek br. 3-04-321 MZT RH, Nova generacija lijekova: supstancije i terapijski sustavi (voditelj Prof. dr. Ivan Jalšenjak, FBF); MJMT suradnik;

1988. - 1991. Projekt br. 2.03.01.00.22 MZT RH, Sinteza, biološka aktivnost i metabolizam poznatih ljekovitih tvari (voditelj Prof. dr. I. Butula, FBF), MJMT suradnik;

1981.- 1986. Projekt II-21 RZZR-a (voditelj teme/projekta Prof. dr. Marija Movrin, FBF); MJMT suradnik

## Konferencije

S rezultatima iz znanstveno-istraživačkih i stručnih projekata sudjelovala sam s preko 100 izlaganja na posterima na brojnim međunarodnim i domaćim skupovima s međunarodnim sudjelovanjem (kongresi, konferencije).

Na poslovnim sastancima vezano za međunarodnu suradnju i stručne projekte sudjelovala sam kao koordinator ili voditelj projekta, odnosno predstavnik HFD-a (WHO "Health for All" i EuroPharm Forum Projects /WHO Euro), FBF-a (TEMPUS JEP-18028-2003) ili HALMED(ALMP)/EMA (IPA), te kao član EUFEPS Vijeća i EUFEPS Izvršnog odbora:

- 1.WHO - "How to train Teachers to Teach Team Work / Training Teachers in general Medical Practice/School "Health for All" - Workshop, IUC cosponsored by WHO, Dubrovnik, HR (23-27/ 04/1990);
- 2.WHO - "Setting of General Practice as Resource for Teaching / Training Teachers in general Medical Practice/School "Health for All" - Workshop, IUC cosponsored by WHO, Dubrovnik, HR (22 -26/04/1991);
- 3.BAYER AG - "International Aspirin 1995 Award", sponsored by Bayera AG - Leverkusen, Sevilla, ES (1-2/12/ 1995);
- 4.WHO/EURO EuroPharm Forum - The Role of the Pharmacist in Health Promotion and Disease prevention, Satelite Symposium, Valleta, MT (21-23/03/1996);
- 5.EUFEPS - 3rd European Congress of Pharmaceutical Sciences, Edinburgh, UK (15-17/09/1996);
- 6.WHO/EURO EuroPharm Forum - 5th Annual Meeting of European Forum of Pharmaceutical Associations and the World Health Organization - QaM Campaigne and Diabetes Care Workshops, Copenhagen, DK (17-18/10/1996);
- 7.St VINCENT DECLARATION GROUP - Fourth Meeting for the Implementation of the St. Vincent Declaration, Improvement of Diabetes care, Lisbon, PT (26/02-1/03/1997);
- 8.WHO/EURO EuroPharm Forum - PharmaDiab in St. Vincent Declaration, Satellite symposium, Lisbon, PT (26/02/1997);
- 9.WHO/EURO EuroPharm Forum - The Role of the Pharmacist in CINDI Progrmme: Focus on Hypertension, CINDI/WHO/EuroPharm Forum Joint Meeting, Lisbon, PT (1-2/03/1997);
- 10.WHO/EURO EuroPharm Forum – Projects & Training Seminars, Hilleroed, DK (27/02-1/03/1998);
- 11.WHO/EURO EuroPharm Forum - Seventh Annual Meeting, Copenhagen, DK (6-7/11/1998);
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- 12.WHO/EURO EuroPharm Forum - Managing and implementing pharmacy based services, Copenhagen, DK (, 23-24/ 01/2001);
- 13.WHO/EURO EuroPharm Forum - 10th Annual Meeting of EuroPharm Forum/WHO Euro, Dubrovnik, HR (11-14/10/2001);
- 14.EC/EU "South-eastern Europe and the Mediterranean are Challenges in the European RTD co-operation" Conference, Cavtat, HR (17-20/11/(2002);
- 15.TEMPUS - The School of Pharmacy University of London, Priprema nacrta i dogovor za prijavu TEMPUS projekta, London, UK (27-30/08/2002);
- 16.TEMPUS - The School of Pharmacy University of London, Završni dogovori i priprema prijave za TEMPUS JEP, London, UK (23-26/11/2003);
- 17.EAFP - Annual Conference of the European Association of Faulties of Pharmacy – "Pharmacy Education for the XXI Century", La Laguna, Tenerife, ES (10-13/03/(2004);
- 18.EDUPOINT Workshop "Managing the E-learning Environment in a Higher Education Institution", Zagreb, HR ( 15-16/ 03/2004);

19. TEMPUS - Berlin Tempus Conference, Potpisivanje ugovora kontractor i partner sveučilišta za TEMPUS JEP 18028-2003, Berlin, DE (20-21/09/2004);
20. EAFP - European Association of Faculties of Pharmacy, EAFP Annual Conference 2004, "Pharmacy Education for the 21st Century", La Laguna, Tenerife, ES (11-13/03/2004);
21. WHO/EURO EuroPharm Forum - World Health Organization/EuroPharm Forum, 13th Annual Meeting of EuroPharm Forum, Copenhagen, DK (7-10/10/2004);
22. WHO/EURO EuroPharm Forum - Pharmaceutical Care Network Europe, Joint Conference EuroPharm Forum-PCNE; Dialogue: Research Meets Pharmacy Practice, Hillerod, DK, 8-10/10/2004;
23. TEMPUS - The School of Pharmacy University of London, TEMPUS JEP radni sastanak o razvoju projekta i implementaciji u Bolonjski process na FBF-u, London, UK, 3-6/03/2005;
24. EAFP - European Association of Faculties of Pharmacy, EAFP Annual Conference 2005, 'Partnership in Education: Science and Practice', Valletta, MT, 9-12/03/2005;
25. WHO/EURO EuroPharm Forum, 14th Annual Meeting of EuroPharm Forum & EuroPharm Forum/WHO Euro Conference on Pharmacists and Patient Safety, Riga, LV, 5-8/10/2005;
26. EUFEPS - European Federation for Pharmaceutical Sciences - EUFEPS 2005 Council Meeting, Siofok, HU, 25-26/09/2005;
27. EAFP - European Association of Faculties of Pharmacy, Annual Conference 2006, "Quality Assurance in Pharmacy Education", Tartu/Tallin, EE, 7-10/06/2006;
28. FIP International Congress. Main Theme: Bringing Innovations into Patient Care, Salvador Bahia, Salvador, BR, 25 - 31/08/2006;
29. EUFEPS Council 2006, Copenhagen, DK, 24/09/2006;
30. TEMPUS JEP Meeting, School of Pharmacy and Biomolecular Sciences, Brighton, UK, 29/11-3/12/2006;
31. EMEA/ALMP - Pharmaceutical Regulation - Croatia's Road to EU Membership, Split, HR, 2-3/04/2007;
32. EUFEPS - European Federation for Pharmaceutical Sciences, EUFEPS Council, Presidents Meeting, Amsterdam, NL, 21/04/2007;
33. The 7th Meeting of the International Forum for Quality Assurance of Pharmacy Education' (04/09/07); 'FIP Global Pharmacy Education Consultation' (05/09/07) 67th International Congress of FIP 'From Anecdote to Evidence: Pharmacists Helping Patients Make the Best Use of Medicines', Peking, CN, 1-7/09/2007;
34. EUFEPS 2007 Council Meeting; Bioavailability (BA) and Bioequivalence (BE) - Focus on Physiological Factors and Variability, Atena, GR, 28/09/2007;
35. 16. NZW. Onkologisch-Pharmazeutischer Fachkongress; 6. European Conference of Oncology Pharmacy (NZW Europe), Hamburg, DE, 24-27/01/2008;
36. Unresolved Issues in BA/BE Studies, Turkish Pharmaceutical Technology Scientists' Association (TUFTAD), Denizli, Pamukkale, TR, 07/02/2008;
37. EUFEPS 2008 President's Conference, Dutch Top Institute Pharma (TI Pharma), Leiden, NL, 11/04/2008;
38. 2nd EMEA Meeting for the Implementation of ENCePP (European Network of Centres for Pharmacovigilance and Pharmacoepidemiology), London, UK, 18/04/2008;
39. ALMP/EMEA 'News in European pharmacovigilance and risk management', Vukovar, HR, 9-10/06/2008;

- 40.68th International Congress of FIP. Reengineering Pharmacy Practice in a Changing World, Basel, CH, 29/08-4/09/2008;
- 41.EUFEPS 2008 Council Meeting, Ljubljana, SI, 18/09/2008;
- 42.IPA-NRG/EFPIA Working Group, London, UK, 03/11/2008;
- 43.EMA/ALMP, EU Regulatory Network – Challenges and Opportunities for Croatia, Rijeka, HR, 13-14/11/2008;
- 44.1. IPA-ENCePP Scientific Convention; 2. ENCePP Working Group 1, London, UK, 24/11/2008;
- 45.Top Institute Pharma, TI PHARMA, Bottlenecks identification in drug discovery...And solutions please, Leiden, NL, 22/01/2009;
- 46.EUFEPS 2009 Council Meeting and 2nd PharmSciFair 2009 - Premier European Platform for Advancing Pharmaceutical Sciences, Nice, FR, 07/06/2009;
- 47.ENCePP Working Group 1 Meeting: ENCePP Research Standards and Guidances, London, UK, 26/06/2009;
- 48.ALMP International Conference "Communicating the Risk in Pharmacovigilance: Are We Going in the Right Direction?", Zadar, HR, 1-2/10/2009;
- 49.3rd BBBB International Conference on Pharmaceutical Sciences, New Progresses and Challenges in Pharmaceutical Sciences, TUFTAD - Turkish Pharmaceutical Technology Scientists Association, EUFEPS - European Federation for Pharmaceutical Sciences, Antalya, TR, 26-28/10/2009;
- 50.XIV. Congressus Pharmaceuticus Hungaricus, Budapest, HU, 13-15/11/2009;
- 51.IPT-ENCePP WG 1 Meeting: ENCePP RESEARCH STANDARDS AND GUIDANCES, ENCePP Plenary, London, UK, 10-11/12/2009;
- 52.Bottlenecks identification in drug discovery...And solutions please, Top Institute Pharma, TI PHARMA, Leiden, NL, 21/01/2009;
- 53.European Medicines Agency, EMA, ENCePP Working Group 1 Meeting, London, UK, 25/06/2009;
- 54.EMA, European Medicines Agency, ENCePP Plenary and IPT - ENCePP WG1 Meetings, London, UK (09/12/2009);
- 55.International Symposium Regional Regulatory Network, Kosovo Medicines Agency (KMA), Pristhina, KS, 22-24/04/2009;
56. EUFEPS 2009 Council Meeting and 2nd PharmSciFair 2009 - Premier European Platform for Advancing Pharmaceutical Sciences, Nice, FR, 07/06/2009;
- 57.XIV. Congressus Pharmaceuticus Hungaricus, Hungarian Society for Pharmaceutical Sciences, Budimpešta, HU, 13/11/2009;
- 58.EUFEPS 2010 President's Conference and PharmSci Partners Meeting, Wuerzburg, DE, 15/01/2010;
- 59.IMI P16 PharmaTrain, Cooperative European Drug Development Course (CEDDC), Pharmaceutical Medicine Training Program, Working Project 5, Geographical Extension and Training Sites and Network, Semmelweis University, Budimpešta, HU, 24/06/2010;
- 60.EUFEPS Council Meeting, Semmelweis University, Budapest, HU, 20/6/2010;
- 61.EUFEPS Presidents's Conference & PharmSciFair Programme Providing Partners' Meeting, Institut für Pharmazie und Lebensmittelchemie, Julius-Maximilians-Universität Würzburg, Würzburg, DE, 15/01/2010;
- 62.EUFEPS PharmSciFair Partners Meeting, Department of Pharmaceutical

- Chemistry, Faculty of life sciences, University of Vienna, Vienna, AT, 12/04/2010;
- 63.2nd International Regulatory Workshop on Bioequivalence, Bioanalysis, Dissolution and Biosimilarity, Hungarian Academy of Sciences, Budapes, HU, 21-22/06/2010;
- 64.EUFEPS ExCo Meeting; PharmSciFair 2011 Partners Meeting, Prague, CZ, 14/10/2010;
- 65.European Medicines Agency (EMA), IPT ENCePP Plenary, London, UK, 17/11/2010;
- 66.EMA ENCePP Plenary Meeting; ENCePP WG1 Meeting, London, UK, 07/06/2010;
- 67.European Federation for Medicinal Chemistry (EFMC), EFMC Council Meeting, Bruxelles, BE, 5/09/2010;
- 68.EMA ENCePP WG1; 7th ENCePP Plenary Meeting London, UK, 29-30/06/2011;
- 69.EMA ENCePP Plenary meeting; EMA ENCePP WG 1, London, UK, 22/11/2011;
- 70.4th Meeting of the Cooperative European Drug Development Course (CEDDC), Semmelweis University, Faculties of Medicine and Pharmacy, Budapest, HU, 14-15/10/2011;
- 71.IMI PharmaTrain Cooperative European Drug Development Course (CEDDC), Semmelweis University Budapest, HU, 13-15/02/2011;
- 72.EUFEPS ExCo Meeting, TI Pharma, Leiden, NL, 13-15/01/2011;
73. EUFEPS ExCo Meeting, Faculty of Pharmacy, University of Lisbon, Lisabon PT, 14/04/2011;
- 74.EUFEPS ExCo Meeting, University of Uppsala, Uppsala Biomedical Center (BMC), Faculty of Pharmacy, Uppsala, SE, 23-24/09/2011;
- 75.4th BBBB - Bled International Conference on Pharmaceutical Sciences; ESPT Inaugural Symposium: Pharmacogenomics - From bench to bedside; EUFEPS/Tempus PQPharm Networking Event 'Emerging Issues in Pharmacy Education', Slovenian Pharmaceutical Society (SFD) & University of Ljubljana, Faculty of Pharmacy, Bled, SI, 30/09-1/10/2011;
- 76.PharmSciFair 2011, Pharmaceutical Sciences for the Future of Medicines, Prague, CZ, 13-17/06/2011;
- 77.Helsinki Drug Research 2011 - Tools for ADMET and Pharmaceutical Nanotehnology, University of Helsinki, Helsinki, FI, 18/09/2011;
- 78.4th Meeting of the Cooperative European Drug Development Course (CEDDC) ,Semmelweis University, Faculties of Medicine and Pharmacy, Budimpešta, HU, 14-15/10/2011;
- 79.EUFEPS ExCo Meeting, Bruxelles, BE, 14-15/01/2012;
80. 5th Meeting of the Cooperative European Medicine Development Course (CEMDC), Semmelweis University, Faculties of Medicine and Pharmacy, Budimpešta, HU, 3-4/02/2012;
81. EUFEPS ExCo Meeting, Section des science pharmaceutiques, Université de Geneve, Geneva, CH, 20-21/04/2012;
82. EUFEPS Member Society Leadership Forum, TI Pharma, Leiden, NL, 20/05/2012;
83. 3rd International Regulatory Workshop on A to Z on Bioequivalence, Bioanalysis, Dissolution and Biosimilarity, Budapest, HU, 4-6/06/2012;

84. EUFEPS ExCo meeting, EUFEPS Leadership Forum (EuPSLF), Faculty of Pharmaceutical and Biological Sciences of Paris, Paris Descartes University, Paris, FR, 5-8/07/2012;
85. EUFEPS ExCo meeting, Institute for Advanced Studies in the Humanities, Goethe University in Frankfurt am Main, Bad Homburg, Frankfurt, DE, 1/12/2012;
86. EUFEPS ExCo meeting, Louvain Drug Research Institute (LDRI), Université Catholique de Louvain (UCL), Brussels, NL, 15-16/02/2013;
87. EUFEPS ExCo, Uppsala BioMedical Centre (BMC), Uppsala, SE, 20/06/2013;
88. 4th International Regulatory Workshop on A to Z on Bioequivalence, Bioanalysis, Dissolution and Biosimilarity, BEW 2014, Hungarian Academy of Sciences, Budapest, HU, 19–21/05/2014;
89. EUFEPS ExCo meeting, Leiden Academic Centre for Drug Research (LACDR), Gorlaeus Laboratories, Leiden, NL, 26/06/2014;
90. EUFEPS Science day, EUFEPS ExCo and Council meetings, Faculty of Life Sciences, Center for Pharmaceutical Sciences, University of Vienna, Vienna, AT, 10-11/10/2014;
91. International Symposium on Scientific and Regulatory Advances in Complex Drugs, SRACD 2014, Budapest, HU, 27 - 28/10/ 2014;
92. EUFEPS Annual Meeting, EUFEPS ExCo and Council meetings, , Section of Pharmaceutical Sciences, Biopharmaceutical Sciences, University of Geneva, CH, 12-15/06/2015;
93. International Conference on Bioequivalence, Dissolution, Biosimilarity - From the Chain Bridge to other Bridges of the Pharmaceutical World, Antalya, TR, 25/04/2015.
94. International Conference on Advances in the Area of Bioequivalence (ICAB 2015), Semmelweis University, Budapest, HU, 14/11/2014;
95. 2nd International Symposium on Scientific and Regulatory Advances in Complex Drugs, SRACD 2016, Budapest, HU, 10-11/10/ 2016.;
96. EUFEPS ExCo and Council meetings, Leiden Academic Centre for Drug Research (LACDR), Gorlaeus Laboratories, Leiden, NL, 6/12/2016.;
97. EUFEPS Council 25th Annual Anniversary 23/05/2017; 6th FIP Pharmaceutical Sciences World Congress 2017, Future Medicines For One World, 'Systems approaches to drug discovery, development and clinical usage', PSWC 2017, Stockholm, Sweden, 21-24/05/2017; The Cutting Edge in Pharmaceutical Sciences - 50 Years of Progress Celebrating Les Benet's 80th Birthday, 20/05/2017.;
98. EUFEPS Council meeting, Balatonfured, Hungary, 4-5/10/2017 i 7th bbbb International Conference on Pharmaceutical Sciences, New Trends in Pharmaceutical Sciences and Pharmacy Practice, Balatonfured, Hu, 5-7/10/2017.;
99. EUFEPS Council meeting, 23/5/2018 & EUFEPS Annual Meeting, , Athens (GR), 24 – 26/5/2018.;
100. Academic mobility 2018, Faculty of Pharmacy, Biruni University, Istanbul (TR), 1-5/10/2018.;
101. 3rd International Symposium on Scientific and Regulatory Advances in Complex Drugs, SRACD 2018, Budapest, HU, 12-14/11/ 2018.;



## Seminari

Seminari za studente FBF studija farmacije i studija medicinske biokemije u okviru kolegija Farmaceutska kemija, Biokemija lijekova, Medicinal chemistry, te u doktorskom studiju Farmaceutsko-biokemijske znanosti u okviru kolegija Lijekovi inhibitori enzima (hrv.) i Drugs as enzyme inhibitors (engl.)

## Priznanja i nagrade

1991. Societas Pharmacopolarum Croatiae, pro singularibus meritis in provehenda arte pharmaceutica hoc diploma;

1996. Honorary membership of Texas Pharmaceutical Society and Golf Coast Pharmaceutical Association;

2010. Medalja Dr. Julije Domac, visoko priznanje Hrvatskog farmaceutskog društva za uspjehe postignute u stručnom, znanstvenom i društvenom radu u farmaciji kojim je zapaženo podignut ugled struke;

2012. Priznanje Farmaceutsko-biokemijskog fakulteta Sveučilišta u Zagrebu za osobni doprinos u djelovanju, razvoju i promicanju ugleda fakulteta.

## Članstva

- Hrvatsko farmaceutsko društvo (HFD), 1981. -
- Hrvatska ljekarnička komora (HLJK), 1997. -
- International Pharmaceutical Federation (FIP), 1996. -
- European Federation of Pharmaceutical Sciences, EUFEPS Vijeće, 2006. -
- EUFEPS Izvršni odbor, 2010. - 2016.
- ISPOR HRVATSKA, Hrvatsko društvo za farmakoekonomiku i istraživanje ishoda, 2007. -
- EMA, ENCePP, Working Group 1, 2008.-
- HALMED Povjerenstvo za lijekove, 2008.- 2012.
- HALMED Povjerenstvo za lijekove, vanjski suradnik, 2013. -
- Nastavno povjerenstvo (FBF), 2003. - 2006.
- Povjerenstvo za studentsku praksu, 2001. - 2002.
- Vijeće biomedicinskog područja, 2003. - 2006.
- Senat Sveučilišta u Zagrebu, 2003. - 2006., zamjena člana
- Povjerenstvo za trajno usavršavanje magistara farmacije Hrvatske ljekarničke komore (HLJK), 1998. - 2011.
- Povjerenstvo za međunarodnu suradnju HLJK, 2008, - 2010.
- Upravni odbor, Hrvatsko farmaceutsko društvo (HFD), 2006.-
- Izvršni odbor podružnice HFD-a za regiju Zagreb, 2002. - 2012.
- Redakcijski odbor Farmaceutskog glasnika, 2002.- 2007.
- Skupštine HLJK, 2008. - 2010.
- European Forum of Pharmaceutical Association (EuroPharm Forum/WHOEuro), 1996.-
- Sekcija za opću i primijenjenu spektroskopiju HKD-a

Članstvo u brojnim znanstvenim i organizacijskim odborima nacionalnih i međunarodnih skupova:

- Programski odbor Prvog hrvatskog kongresa farmacije, Zagreb, HR, 5 - 7/ 06/1996;
- Organizacijski odbor "10th Annual Meeting of EuroPharm Forum", Dubrovnik, HR, 11- 14/10/2001;
- Znanstveni odbor Drugog hrvatskog kongresa farmacije, Cavtat, HR, 31/ 05/ – 3/06/ 2001.;
- Znanstveni odbor Trećeg hrvatskog kongresa farmacije, Cavtat, HR, 27 – 30/ 04/ 2005 ;
- Organizacijski odbor IX. Savjetovanja farmaceuta, Udruženje farmaceuta regije Zagreb, Opatija, HR, 25- 27/06/2006;
- European Publicity Committee, PSWC 2007, Pharmaceutical Sciences World Congress, Optimising Drug Therapy – An imperative for world health, Amsterdam, NL, 22 - 5/ 04/ 2007;
- Board of Trustees; PharmaCon Plenary and Keynote Speakers and Executive Portfolio, European Students's Congress on Future of Pharmacy 'New Technologies & Trends in Pharmacy, Pharmaceutical Industry and Education', PharmaCon 2007, Dubrovnik, HR, 22-27/05/2007;
- The Planning Team, International Scientific Board and Organizing Committee, EUFEPS/CPhS Conference in Zagreb 'Networking in Pharmaceutical Sciences, Zagreb, HR, 27/ 02/ 2009;
- International Scientific Board, 3rd BBBB International Conference on Pharmaceutical Sciences, TUFTAD & EUFEPS, Antalya, TR, 26 - 28/10/2009;
- PharmSciFair Organizing Committee, 3rd Pharm SciFair 2011 'Pharmaceutical Sciences for the Future of Medicines', Prague, CZ, 13.- 17/06/2011;
- PharmSciFair Programme Coordination, 3rd Pharm SciFair 2011 'Pharmaceutical Sciences for the Future of Medicines', Prague, CZ, 13 - 17/06/2011;
- International Advisory Committee, Helsinki Drug Research 2011 'Tools for ADMET and Pharmaceutical Nanotechnology', Helsinki, FI, 18- 20/09/2011;

- Scientific Committee, International Pharmaceutical Conference 'Contemporary Developments in Pharmacy', Priština, KS, 22-23/09/2012;

- International Scientific Advisory Board, Local Organizing Team, International Conference on Pharmaceutical Sciences, Sharing a vision - Towards better and safe medicines, Zagreb, HR, 25 - 26/10/2013;

- Scientific Committee, 2nd International Pharmaceutical Conference 'Contemporary Developments in Pharmacy', Prizren, KS, 19-21/09/2014;