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KEMIJSKIH INŽENJERA I
TEHNOLOGA

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21st

international conference
Ružička days
TODAY SCIENCE – TOMORROW INDUSTRY
September 9–11, 2026 | Vukovar, Croatia



**Program
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10. SUSRET MLADIH KEMIČARA

9. rujna 2026., VUKOVAR, HRVATSKA



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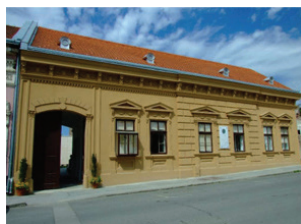
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RUŽIČKINI DANI | *Ružička Days*



Međunarodni znanstveno-stručni skup **Ružičkini dani** tradicionalni je skup stručnjaka i znanstvenika iz područja kemije, kemijskog i biokemijskog inženjerstva, prehrambene tehnologije, medicinske biokemije i farmacije, te kemije u poljoprivredi, šumarstvu i zaštiti okoliša, koji se tradicionalno održava u Vukovaru u sjećanje na istaknutog hrvatskog znanstvenika i nobelovca Leopolda (Lavoslava) Ružičku. Skup organiziraju Hrvatsko društvo kemijskih inženjera i tehnologa i Prehrambeno-tehnološki fakultet Sveučilišta Josipa Jurja Strossmayera u Osijeku, uz područna društva HDKI iz Osijeka, Vukovara, Požege i Belišća i međunarodne suorganizatore EuChemS i EHEDG.

Ružičkini dani su nastali inicijativom i predanim radom nekoliko uglednih znanstvenika na čelu s prof. dr. sc. Verom Johanides, profesorima i akademikima Nenadom Trinajstićem i Dragutinom Flešom i prof. dr. Ivanom Butulom, u suradnji s vukovarskim javnim i gospodarskim djelatnicima, dr. sc. Vladom Horvatom i dr. sc. Vladimirom Husarom.

Cilj Skupa je promicanje izvrsnosti u znanstvenim i stručnim istraživanjima s naglaskom na primjenu najnovijih znanstvenih rezultata i stručnih dostignuća. Skup je ujedno i prigoda za susrete, razmjenu mišljenja i iskustava te uspostavu suradnje među sudionicima s visokih učilišta, instituta i gospodarstva.

Rad Skupa odvija se kroz plenarna i pozvana predavanja, usmena i posterska priopćenja, kao i sponzorirana predstavljanja gospodarskih subjekata. Skup prate i brojne druge aktivnosti, od izložbi i predstavljanja opreme i uređaja do različitih društvenih događanja.

*The international **Ružička Days** Conference is a traditional meeting of experts and scientists in the field of chemistry, chemical and biochemical engineering, food technology, medical biochemistry and chemistry in agriculture, forestry and environment protection, that is traditionally held in Vukovar, the native town of famous Croatian scientist and Nobel laureate professor Lavoslav Ružička. The Conference is organized by Croatian Society of Chemical Engineers (CSCE), Zagreb and Faculty of Food Technology University of Josip Juraj Strossmayer in Osijek with the regional CSCE societies from Osijek, Vukovar, Požega and Belišće, and international co-organizers EuChemS, and EHEDG.*

Conference was initiated by dedicated work of several eminent scientists led by professor Vera Johanides, professors and academicians Nenad Trinajstić and Dragutin Fleš and professor Ivan Butula, in cooperation with Vukovar public and economic employees, dr. Vlado Horvat and dr. Vladimir Husar.

The main goal of this interdisciplinary conference is to promote excellence in science and engineering as well as application of up-to-date research results and technological achievements. In addition, the conference gives the opportunity for meetings, exchange of ideas, opinions, experiences and cooperation between participants from different working surroundings.

The Conference will include plenary, invited and conventional oral lectures, and poster sessions. During the Conference the presentation of companies, exhibition of equipment and devices and numerous social events will take place.



SUSRET MLADIH KEMIČARA | *Meeting of Young Chemists*

SUSRET MLADIH KEMIČARA

U okviru međunarodnog znanstveno-stručnog skupa Ružičkini dani, od 2008. godine zahvaljujući inicijativi prof. Ivanke Miličić, održava se i **Susret mladih kemičara**, gdje učenici srednjih škola uz pomoć svojih mentora predstavljaju radove iz područja kemije, a nagrađuju se tri najbolja. Do sada su sudjelovale srednje škole iz Vukovara, Osijeka, Vinkovaca, Đakova, Slavonskog Broda, Žepča, Zagreba i Kutine.

Cilj Susreta mladih kemičara je usmjeriti učenike i mlade prema tehničkim i prirodnim strukama, osobito kemiji, te promicati izvrsnost, interdisciplinarnost, originalnost i inovativnost u znanstvenim istraživanjima, koja trebaju biti povezana s gospodarstvom i industrijskim potrebama.

U okviru 21. Ružičkinih dana održat će se po deseti put Susret mladih kemičara – učenika srednjih škola i njihovih mentora.

*Since 2008, thanks to the initiative of Prof Ivanka Miličić, within the international conference Ružička Days, **Meeting of Young Chemists** is also held, where high school students, with the help of their mentors, present papers in the field of chemistry, and the best three are awarded.*

Until now, high schools from Vukovar, Osijek, Vinkovci, Đakovo, Slavonski Brod, Žepče, Zagreb, and Kutina have participated. In addition to promoting excellence, interdisciplinarity, originality, and innovation in scientific research, which all need to be linked to the economy and industrial needs, the aim of the Meeting of Young Chemists is to encourage students and young people to pursue technical and natural sciences, especially chemistry.

For the tenth time, the Meeting of Young Chemists – high school students and their mentors will be held during 21st Ružička Days.



9. susret mladih kemičara, 18. rujna 2024. | 9th Meeting of Young Chemists, September 18, 2024



SKUP LABORATORIJSKIH TEHNIČARA *Meeting of Laboratory Technicians*



U okviru međunarodnog znanstvenog skupa 21. Ružičkini dani, na inicijativu i poticaj dekana Fakulteta kemijskog inženjerstva i tehnologije (FKIT) prof. dr. sc. Ante Jukića održat će se **II. skup laboratorijskih tehničara (II. SLT)**. Ovaj skup prepoznat je kao ključan jer nedostaju slična događanja koja bi okupila kemijske tehničare, a cilj je da FKIT postane stalni domaćin ove ključne inicijative, osiguravajući kontinuiranu podršku i razvoj struke.

Skup kemijskih tehničara iznimno je važan jer okuplja stručnjake koji imaju ključnu ulogu u svakodnevnom radu laboratorija, od pripreme i provođenja eksperimenata do održavanja opreme i osiguravanja kvalitete rezultata. Rad kemijskih tehničara temelj je svakog uspješnog istraživanja i razvoja u kemijskoj, prehrambenoj, farmaceutskoj industriji, obrazovanju i znanosti.

Skup pruža priliku za razmjenu znanja, iskustava i najboljih praksi, omogućujući tehničarima da unaprijede svoje vještine i budu u toku s najnovijim tehnologijama i metodama. Osim toga, potiče stvaranje mreže kontakata, s naglaskom na povezivanje laboranata iz znanstvenih i istraživačkih institucija s tehničkim suradnicima iz industrije, što može biti neprocjenjivo za svakodnevni rad i profesionalni razvoj.

Na II. SLT-u bit će obrađene ključne teme iz područja laboratorijske prakse, uključujući identifikaciju i rješavanje potencijalnih izazova u radu. Fokus će biti na unaprijeđenju radnih procesa s ciljem postizanja optimalnih rezultata i zadovoljstva kako poslodavaca, tako i tehničkih suradnika.

*As part of the international conference 21st Ružička Days, at the initiative and encouragement of the dean of the Faculty of Chemical Engineering and Technology (FCET) prof. Ante Jukić, **IInd Meeting of Laboratory Technicians (II MLT)** will be held. This meeting is recognized as crucial because there is a lack of similar events that would bring together chemical technicians, and the goal is for the FCET to become the permanent host of this key initiative, ensuring continuous support and development of the profession.*

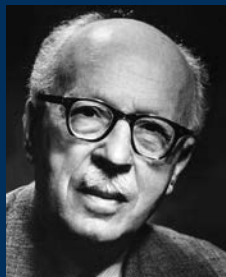
The Meeting of Laboratory Technicians is particularly important because it brings together experts who play a key role in the daily work of the laboratory, from preparing and conducting experiments to maintaining equipment and ensuring the quality of results. The work of chemical technicians is the basis of every successful research and development in the chemical, food, pharmaceutical industry, education and science.

The gathering provides an opportunity to share knowledge, experiences and best practices, enabling technicians to improve their skills and keep abreast of the latest technologies and methods. In addition, it encourages the creation of a network of contacts, with an emphasis on connecting laboratory workers from scientific and research institutions with technical collaborators from industry, which can be invaluable for daily work and professional development.

At the II MLT, key topics from the field of laboratory practice will be covered, including the identification and resolution of potential challenges in work. The focus will be on improving work processes with the aim of achieving optimal results and the satisfaction of both employers and technical associates.



LAVOSLAV (LEOPOLD) RUŽIČKA



Lavoslav Ružička rođen je u Vukovaru 13. rujna 1887. godine. U razdoblju od 1906. do 1910. studirao je kemiju na Visokoj tehničkoj školi u Karlsruheu u Njemačkoj, gdje je stekao zvanje dr. pod nadzorom profesora Staudingera, osnivača makromolekularnih znanosti. Kao asistent profesora Staudingera do 1916. radio je na istraživanju strukture aktivnih komponenata biljke dalmatinskog buhača. Posebno se interesirao za kemiju terpena i istraživanja sinteze mirisa.

U tom razdoblju Ružička je dokazao da su mošusni mirisi, muskon i cibeton, makrociklički ketoni, što je omogućilo sintetsku proizvodnju skupocjenih mošusnih mirisa i povezal ga s farmaceutskom industrijom. Jedno vrijeme živi u Ženevi, a u razdoblju od 1927. do 1929. radi

kao profesor organske kemije u Utrechtu. Povratak u Zürich 1929. početak je najuspješnijeg dijela njegove karijere. Godine 1934. Ružička je izazvao veliku pozornost kada je objavio djelomičnu sintezu muškog spolnog hormona androsterona, a već sljedeće godine i testosterona.

Radovi na spolnim hormonima i steroidima učvrstili su Ružičkin znanstveni ugled te je 1939. dobio Nobelovu nagradu za kemiju za rad na polimetilenima i višim terpenima. Zbog početka II. svjetskog rata nagrada mu je predana na ETH.

Sa suradnicima je objavio čak 583 znanstvena rada i to većinom u razdoblju između 1930. i 1950. Dodijeljeno mu je 13 različitih medalja i nagrada. Iako je primio švicarsko državljanstvo, Hrvatsku je smatrao svojom domovinom te je pomogao brojnim hrvatskim kemičarima. Lavoslav Ružička umro je 26. rujna 1976. u Mammernu na Bodenskom jezeru u 89. godini života, a pokopan je u Zürichu.

Lavoslav Ružička was born in Vukovar on September 13th, 1887. From 1906 to 1910, he studied chemistry at the Technical High School in Karlsruhe, Germany, where he earned a doctorate under the supervision of Professor Staudinger, the founder of macromolecular sciences. Until 1916, as an assistant to Professor Staudinger, he worked on researching the structure of the active components of the Dalmatian pyrethrum plant. He was particularly interested in terpene chemistry and odor synthesis research.

During this period, Ružička proved that musk fragrances, muscone and civetone, are macrocyclic ketones, which enabled the synthetic production of precious musk fragrances and connected it with the pharmaceutical industry. He lived for a while in Geneva, and from 1927 to 1929 worked as a professor of organic chemistry in Utrecht. Returning to Zurich in 1929 was the beginning of the most successful part of his career. In 1934, Ružička caused a great deal of attention when he published a partial synthesis of the male sex hormone androsterone, and the following year testosterone. Work on sex hormones and steroids strengthened Ružička's scientific reputation, and in 1939 he was awarded the Nobel Prize in Chemistry for his work on Polymethylenes and higher terpenes. Due to the beginning of World War II, the award was presented to him at ETH.

He and his collaborators published 583 scientific papers, mostly in the period 1930–1950. During his scientific work he was awarded 13 different medals and awards. Although he received Swiss citizenship, he considered Croatia his homeland and helped many Croatian chemists. Lavoslav Ružička died on September 26, 1976 in Mammern on Lake Constance, at the age of 89, and was buried in Zurich.



PREHRAMBENO-TEHNOLOŠKI FAKULTET OSIJEK *Faculty of Food Technology Osijek*



Prehrambeno-tehnoški fakultet Osijek moderna je visokoškolska obrazovna institucija s 55-godišnjom tradicijom. Misija Fakulteta je sustavno razvijanje i širenje nacionalno i međunarodno prepoznate izvrsnosti u obrazovanju i istraživanju u području biotehničkih, tehničkih i prirodnih znanosti. Fakultet je organizator/suorganizator nekoliko znanstvenih i stručnih skupova. Zaposlenici Fakulteta svoje su aktivno sudjelovanje na „Ružičkinim danima“ započeli 1978. Fakultet se 2004. uključuje u organizaciju Skupa, a zahvaljujući naporima organizacijskog odbora s Fakulteta, godine 2010. Skup je prerastao u međunarodni uključanjem European Federation of Food Science and Technology (EFFoST). Mrežna stranica: <http://www.ptfos.unios.hr>.

*The **Faculty of Food Technology Osijek** is a modern higher education institution with 55 years of tradition. The mission of the Faculty is to develop and spread nationally and internationally recognized excellence in education and research in the field of biotechnical, technical and natural sciences. Faculty is the organizer/co-organizer of several scientific and professional congresses. Since 1978 the Faculty employees actively participate in the „Ružička days“. Since 2004, the Faculty has been co-organizing the conference „Ružička days“, so that in 2010, due to the effort of the Faculty organizing committee, the conference became international, joining the European Federation of Food Science and Technology (EFFoST). Web-site: <http://www.ptfos.unios.hr>.*

HRVATSKO DRUŠTVO KEMIJSKIH INŽENJERA I TEHNOLOGA (HDKI) *Croatian Society of Chemical Engineers (CSCE)*



Hrvatsko društvo kemijskih inženjera i tehnologa (HDKI) jedinstvena je udruga kemijskih inženjera, kemičara i tehnologa osnovana 1912. godine, koja djeluje na području RH. Okuplja kemijske inženjere, kemičare i tehnologe radi unaprjeđenja kemijske i kemijsko-inženjerske struke te srodnih struka. Radi na razvoju prirodnih i tehničkih znanosti i njihovoj primjeni u praksi. Prati razvoj znanosti, tehnike i tehnologije, daje mišljenja o tehničkim i tehnološkim rješenjima, o planiranju izgradnje, uređivanju prostora i čuvanju čovjekova okoliša.

HDKI izdaje časopise: **Kemija u industriji** (www.hdki.hr/kui), **Chemical and Biochemical Engineering Quarterly** (www.hdki.hr/cabeq) i **Reaktor ideja** (https://www.hdki.hr/hdki/casopisi/reaktor_ideja). Mrežna stranica društva: www.hdki.hr.

*The **Croatian Society of Chemical Engineers (CSCE)** is a unique association of chemical engineers, chemists and technologists founded in 1912, which operates in the territory of the Republic of Croatia. It gathers chemical engineers, chemists and technologists to improve chemical engineering and related professions. It is permanently acting on the improvement of natural and technical sciences and their application in practice; it encourages all kinds of engineering activities aimed at the optimization of technical and economic development, welfare, security, health, environmental protection and social well-being. CSCE is the publisher of the journals: **Kemija u industriji** (www.hdki.hr/kui), **Chemical and Biochemical Engineering Quarterly** (www.hdki.hr/cabeq), and **Reactor of Ideas** (https://www.hdki.hr/hdki/casopisi/reaktor_ideja). Society web-site: www.hdki.hr.*



EUROPSKO KEMIJSKO DRUŠTVO *European Chemical Society (EuChemS)*



Europsko kemijsko društvo (EuChemS) je krovna organizacija koja predstavlja nacionalna kemijska društva i druge organizacije povezane s kemijom u Europi. EuChemS želi njegovati platformu za znanstvenu raspravu i pružiti

jedinstven, nepristran europski glas o ključnim političkim pitanjima u kemiji i srodnim područjima.

EuChemS djeluje od 1970. godine, u početku pod imenom FECS (Federation of European Chemical Sciences). FECS je 3. srpnja 1970. u Pragu osnovalo 17 društava članica istočne i zapadne Europe. Dana 14. listopada 2004. godine, na Generalnoj skupštini u Bukureštu, FECS je pridružio EuChemS, Europsko udruženje za kemijske i molekularne znanosti sa sjedištem u Belgiji i pripremio novi ustav objavljen u Belgijskom listu 28. travnja 2006. U ljeto 2018. godine usvojeno je novo ime, kratica i logotip: EuChemS, Europsko kemijsko društvo.

Predstavljajući više od 160 000 kemičara iz 51 Društva članova i drugih organizacija povezanih s kemijom, EuChemS se oslanja na jedinstvenu mrežu aktivnih istraživača koji su uključeni u sva područja kemije. Putem te mreže EuChemS organizira nekoliko specijaliziranih akademskih konferencija kao i dvogodišnji kongres EuChemS Chemistry, Europski kongres kemijskih znanosti. EuChemS također promiče ulogu i ugled kemijskih znanosti u široj javnosti putem društvenih medija i biltena te organizacijom konferencija i radionica otvorenih za društvo. Mrežna stranica: www.euchems.eu.

The European Chemical Society (EuChemS) is an umbrella organisation representing national Chemical Societies and other chemistry-related organisations in Europe. EuChemS aims to nurture a platform for scientific discussion and to provide a single, unbiased European voice on key policy issues in chemistry and related fields.

EuChemS has been active since 1970, initially under the name of FECS (Federation of European Chemical Sciences). FECS was established on 3 July 1970 in Prague by 17 Member Societies from both east and west Europe. On 14 October 2004 in its General Assembly in Bucharest, FECS decided to adopt the EuChemS, the European Association for Chemical and Molecular Sciences designation, with its headquarters in Belgium, and to prepare a new constitution, which was published in the Belgian Gazette on 28 April 2006. In the summer of 2018, a new name, acronym and logo was adopted: EuChemS, the European Chemical Society.

Representing more than 160,000 chemists from 51 Member Societies and other chemistry related organisations, EuChemS relies on a unique network of active researchers involved in all the fields of chemistry. Through this network, EuChemS organises several specialised academic conferences as well as the biannual EuChemS Chemistry Congress, the European congress of chemical sciences. EuChemS also promotes the role and image of the chemical sciences among the general public and policy-makers through social media, newsletters and through the organisation of conferences and workshops open to the society. Web-site: www.euchems.eu.



EUROPSKA UDRUGA ZA HIGIJENSKO INŽENJERSTVO I DIZAJN *European Hygienic Engineering & Design Group (EHEDG)*



Europska udruga za higijensko inženjerstvo i dizajn (EHEDG) osnovana je 1989. kao neprofitna organizacija proizvođača opreme, prehrambenih industrija, dobavljača za prehrambenu industriju, istraživačkih instituta i sveučilišta, javnih zdravstvenih organizacija i državnih institucija. Osnovni cilj EHEDG-a je promocija sigurne hrane kroz unaprjeđenje higijenskog inženjerstva i dizajna u svim područjima proizvodnje i

prerade hrane. EHEDG aktivno podržava europsko zakonodavstvo, koje zahtijeva da se rukovanje, obrada i pakiranje hrane provede na higijenski način, koristeći higijenski ispravne uređaje i prostorije prema direktivi o higijeni hrane, direktivi za strojeve i direktivi o materijalima u kontaktu s hranom (EC Direktiva 2006/42/EC za strojeve, EN 1672-2 i EN ISO 14159 Higijenski zahtjevi koji se odnose na uređaje u proizvodnji). Proizvođači opreme kao i njihovi korisnici obvezuju se da će implementirati te zahtjeve i EHEDG njima osigurava smjernice za esencijalne higijenske standarde pri tom poštujući nacionalne i međunarodne zakone.

Definicija EHEDG misije je: "EHEDG omogućuje sigurnu proizvodnju hrane pružajući smjernice, kao autoritet u higijenskom inženjerstvu i dizajnu."

Mrežna stranica: <https://ehedg.hr>.

The European Hygienic Engineering & Design Group (EHEDG) was founded in 1989 as a non-profit consortium of equipment manufacturers, food producers, suppliers to the food industry, research institutes and universities, public health authorities and governmental organisations.

The principal goal of EHEDG is the promotion of safe food by improving hygienic engineering and design in all aspects of food manufacture.

EHEDG actively supports European legislation, which requires that handling, preparation processing and packaging of food is done hygienically using hygienic machinery and in hygienic premises according to the food hygiene directive, the machinery directive and the food contact materials directive (see EC Directive 2006/42/EC for Machinery, EN 1672-2 and EN ISO 14159 on Hygiene requirements for the design of machinery).

Equipment manufacturers and users are responsible to implement these requirements and EHEDG provides them guidance on the essential hygienic design standards in compliance with national and international legislation.

The EHEDG mission is defined as: "Raise awareness of hygienic engineering, develop guidance and solutions, and provide a platform to promote EHEDG expertise that facilitates networking between hygienic engineering experts from around the world."

Web-site: www.ehedg.org.

Sveučilište Josipa Jurja Strossmayera u Osijeku
Prehrambeno-tehnološki fakultet Osijek
Hrvatsko društvo kemijskih inženjera i tehnologa (HDKI)
European Chemical Society (EuChemS)
European Hygienic Engineering & Design Group (EHEDG)

21 international conference Ružička days

TODAY SCIENCE – TOMORROW INDUSTRY
September 9–11, 2026 | Vukovar, Croatia



Program
Programme

www.ruzickadays.eu

● Srijeda | *Wednesday, 9. 9. 2026.*

21. Ružičkini dani (Hrvatski dom Vukovar)
21st Ružička Days (Croatian Home Vukovar)



17:00 – 19:00 **Prijava sudionika** (Hrvatski dom Vukovar)
Registration of participants (Croatian Home Vukovar)

19:00 **Koktel dobrodošlice** (Gradski muzej Vukovar)
Welcome cocktail (Municipal Museum Vukovar)

● Četvrtak | *Thursday, 10. 9. 2026.*

21. Ružičkini dani (Hrvatski dom Vukovar)
21st Ružička Days (Croatian Home Vukovar)

08:00 – 10:00 **Prijava sudionika** (Hrvatski dom Vukovar)
Registration of participants (Croatian Home Vukovar)

10:00 – 10:45 **Otvaranje i pozdravni govor** (Hrvatski dom Vukovar)
Opening ceremony and welcoming speech (Croatian Home Vukovar)

10:45 – 11:15 **Stanka za kavu | Coffee break** (Hrvatski dom Vukovar)

11:15 – 11:45 **PLENARNO PREDAVANJE** (Hrvatski dom Vukovar)
PLENARY LECTURE (Croatian Home Vukovar)
Moderatori | *Chairs:* Dajana Kučić Grgić, Ante Lončarić

11:15 – 11:45 **MARTA LORES AGUIN**
(Faculty of Chemistry, University of Santiago de Compostela, Spain)
FROM LAB HYPE TO MARKET REALITY:
OPPORTUNITIES, CHALLENGES AND HURDLES
(plenarno predavanje | *plenary lecture*)

11:45 – 12:45 **POZVANA PREDAVANJA** (Hrvatski dom Vukovar)
INVITED LECTURES (Croatian Home Vukovar)
Moderatori | *Chairs:* Dajana Kučić Grgić, Ante Lončarić

11:45 – 12:05 **CORINNE SABINE CORBAU**
(Università degli Studi di Ferrara, Italy)
COASTAL ECOSYSTEMS UNDER MULTIPLE PRESSURES: CLIMATE CHANGE,
PLASTIC POLLUTION AND SUSTAINABLE MANAGEMENT STRATEGIES
(pozvano predavanje | *invited lecture*)

- 12:05 – 12:25 VIŠNJA TKALČEVIĆ LAKUŠIĆ**
(University of Zagreb Faculty of Civil Engineering, Croatia)
THE INFLUENCE OF MATERIAL TYPE ON THE BEHAVIOR AND DURABILITY OF PASSIVELY SAFE ROADSIDE POLES
(pozvano predavanje | *invited lecture*)
- 12:25 – 12:45 DAJANA KUČIĆ GRGIĆ**
(University of Zagreb
Faculty of Chemical Engineering and Technology, Croatia)
CURRENT CHALLENGES IN DRINKING WATER SYSTEMS:
BIOFILMS, MICROORGANISMS AND WATER SAFETY
(pozvano predavanje | *invited lecture*)
- 12:45 – 13:15 Posterska priopćenja i stanka za kavu** (Ružičkina kuća)
Poster presentations and coffee break (Ružička house)
- 13:15 – 13:45 USMENA PRIOPĆENJA** (Hrvatski dom Vukovar)
ORAL PRESENTATIONS (*Croatian Home Vukovar*)
Moderatori | *Chairs*: Mirna Habuda-Stanić, Krunoslav Aladić
- 13:15 – 13:25 Dora Lastovčić, Ivona Zirn, Tijana Jezerčić, Luka Večenaj, Kristina Bule Možar, Matija Cvetnić, Marinko Markić, Tomislav Bolanča, Dajana Kučić Grgić, Šime Ukić†**
BIORAZGRADNJA ANTIVIROTIKA PRIMJENOM AKTIVNOG MULJA;
BIODEGRADATION OF ANTIVIRALS USING ACTIVATED SLUDGE
(usmeno priopćenje | *oral presentation*)
- 13:25 – 13:35 Alen Čuljak, Ivana Ćosić, Barbara Stjepanović**
AIR POLLUTANTS AS CANDIDATE PREDICTORS IN RAGWEED POLLEN DYNAMICS: AN EXPLORATORY CORRELATION ANALYSIS
(usmeno priopćenje | *oral presentation*)
- 13:35 – 13:45 Ana Herceg, Nik Maselj, Vasko Jovanovski, Primož Jovanović**
ENHANCING THE STABILITY OF PLATINUM FOR THE HYDROGEN OXIDATION REACTION AS THE COUNTERREACTION IN LITHIUM-MEDIATED ELECTROCHEMICAL AMMONIA SYNTHESIS
(usmeno priopćenje | *oral presentation*)
- 13:45 – 15:00 Stanka za ručak – ručak u vlastitom aranžmanu |**
Lunch break – lunch at participants' own expense
- 15:00 – 15:50 USMENA PRIOPĆENJA** (Hrvatski dom Vukovar)
ORAL PRESENTATIONS (*Croatian Home Vukovar*)
Moderatori | *Chairs*: Valentina Bušić, Leo Štefan
- 15:00 – 15:10 Mirna Habuda-Stanić, Tamás Gergely Molnár, Kinga Katalin Lefler, Dajana Gašo-Sokač, Valentina Bušić, Réka Balogh, Zorica Kuveždić**
CHEMICAL OXYGEN DEMAND (COD) AS AN INITIAL INDICATOR OF WATER QUALITY IN CROATIAN AND HUNGARIAN FISH PONDS
(usmeno priopćenje | *oral presentation*)

15:10 – 15:20	Kristina Radošević , Višnja Gaurina Srček, Paula Čupić, Magdalena Maltar, Ana Sophia Prgomet, Tomislav Vladušić, Martina Železnjak, Ivana Radojčić Redovniković ROSEMARY EXTRACT IN NaDES – IMPACT ON <i>in vitro</i> CELL MIGRATION (usmeno priopćenje <i>oral presentation</i>)
15:20 – 15:30	Marko Vinceković , Kristina Vlahoviček Kahlina, Karla Gašparić, Nenad Jalšenjak, Nataša Hulak MIKROBNE BIOPOLIMERNE FORMULACIJE NOVE GENERACIJE: INKAPSULACIJA I KOINKAPSULACIJA KORISNIH MIKROORGANIZAMA U ALGINATNE MIKROČESTICE; MICROBIAL BIOPOLYMER FORMULATIONS OF THE NEW GENERATION: ENCAPSULATION AND CO-ENCAPSULATION OF BENEFICIAL MICROORGANISMS IN ALGINATE MICROPARTICLES (usmeno priopćenje <i>oral presentation</i>)
15:30 – 15:40	Jelena Dautović , Irena Ciglencečki, Luka Andrijanić, Nikola Zdolšek, Rajna Marija Jozić RAZVOJ METODE ZA ANALIZU OMJERA STABILNIH IZOTOPA 15N I 13C U OKOLIŠNIM UZORCIMA; METHOD DEVELOPMENT FOR THE ANALYSIS OF STABLE ISOTOPE RATIOS 15N AND 13C IN ENVIRONMENTAL SAMPLES (usmeno priopćenje <i>oral presentation</i>)
15:40 – 15:50	Dražen Sitaš , Daniela Čačić Kenjeric SUKROSOMALNO I LIPOSOMALNO ŽELJEZO U PREVENCIJI I LIJEČENJU ANEMIJE KOD STARIJIH OSOBA: PREGLEDNI RAD; SUCROSOMAL AND LIPOSOMAL IRON IN THE PREVENTION AND TREATMENT OF ANEMIA IN ELDERLY: NARRATIVE REVIEW (usmeno priopćenje <i>oral presentation</i>)
15:50 – 16:20	Posterska priopćenja (Ružičkina kuća) <i>Poster presentations</i> (Ružička house)
18:30	Izlet – Vinarija Vina Belje (Kamenac Planina) – vinograd i degustacija (polazak autobusa iz Vukovara otprilike oko sat vremena ranije) <i>Excursion – Vina Belje Winery (Kamenac Planina) – vineyard and wine tasting</i> (bus departure from Vukovar approximately an hour earlier)
20:00	Svečana večera – Zoo Hotel Osijek <i>Gala dinner – Zoo Hotel Osijek</i>

● Petak | Friday, 11. 9. 2026.

21. Ružičkini dani (Hrvatski dom Vukovar)

21st Ružička Days (Croatian Home Vukovar)

08:00 – 09:00	Prijava sudionika (Hrvatski dom Vukovar) <i>Registration of participants</i> (Croatian Home Vukovar)
09:00 – 09:30	PLENARNO PREDAVANJE (Hrvatski dom Vukovar) <i>PLENARY LECTURE</i> (Croatian Home Vukovar) Moderatori Chairs: Ljubica Glavaš-Obrovac, Maja Molnar
09:00 – 09:30	IVO PIANTANIDA (Ruđer Bošković Institute, Croatia) ORGANIC FLUORESCENT SENSORS FOR SIMULTANEOUS RECOGNITION OF DNA, RNA, AND PROTEINS (plenarno predavanje <i>plenary lecture</i>)
09:30 – 10:10	POZVANA PREDAVANJA (Hrvatski dom Vukovar) <i>INVITED LECTURES</i> (Croatian Home Vukovar) Moderatori Chairs: Ljubica Glavaš-Obrovac, Maja Molnar
09:30 – 09:50	NEVEN VOĆA (University of Zagreb Faculty of Agriculture, Croatia) INSECT AS GREEN ENGINEERS OF WASTE MANAGEMENT (pozvano predavanje <i>invited lecture</i>)
09:50 – 10:10	VIOLETA CINDRIĆ (PLIVA Croatia Ltd.) A TINY HORMONE. A BIG STORY – THE HIDDEN SCIENCE BEHIND A SIMPLE CLICK (pozvano predavanje <i>invited lecture</i>)
10:10 – 10:40	Posterska priopćenja i stanka za kavu (Ružičkina kuća) <i>Poster presentations and coffee break</i> (Ružička house)
10:40 – 11:40	USMENA PRIOPĆENJA (Hrvatski dom Vukovar) <i>ORAL PRESENTATIONS</i> (Croatian Home Vukovar) Moderatori Chairs: Vlatka Filipović Marijić, Dajana Gašo-Sokač
10:40 – 10:50	Donna Danijela Dragun, Nika Šajković, Tihana Mlinarić, Bruno Mikan, Zlatko Smole, Domagoj Begušić, Damir Pintar, Iva Rezić Meštrović, Ernest Meštrović A PARAMETRIC MODEL FOR PREDICTING THE FORMATION OF THE «COFFEE RING» EFFECT IN ACTIVE PHARMACEUTICAL INGREDIENT RESEARCH (usmeno priopćenje <i>oral presentation</i>)

- 10:50 – 11:00** **Aleksandra Vojvodić Cebin**, Leona Biloš Kovačić, Danijela Šeremet, Ksenija Durgo, Ana Huđek-Turković, Draženka Komes
VALORIZATION POTENTIAL OF REED CANARYGRASS AS A SOURCE OF PHENOLIC ACIDS
(usmeno priopćenje | *oral presentation*)
- 11:00 – 11:10** **Katarina Mužina**, Emma Berisha, Lora Šoljak, Filip Brleković, Filip Car, Gordana Matijašić, Stanislav Kurajica
MESOPOROUS Ag/CeO₂-ZrO₂ SOLID SOLUTIONS FOR CATALYTIC OXIDATION OF VOLATILE ORGANIC COMPOUNDS
(usmeno priopćenje | *oral presentation*)
- 11:10 – 11:20** **Sanja Miloš**, Dražen Knežević, Jelka Pleadin, Irena Jug, Maja Šegvić Klarić
OKRATOKSIN A KAO KONTAMINANT HRANE:
PROCJENA RIZIKA ZA ODRASLU POPULACIJU U REPUBLICI HRVATSKOJ;
OCHRATOXIN A AS FOOD CONTAMINANT:
RISK ASSESSMENT OF ADULT POPULATION IN THE REPUBLIC OF CROATIA
(usmeno priopćenje | *oral presentation*)
- 11:20 – 11:30** **Valerija Čolig**, Dragana Vuk, Vilma Lovrinčević, Marija Vuković Domanovac, Ines Despotović
SYNTHESIS, CHARACTERIZATION, STRUCTURAL OPTIMIZATION, AND EVALUATION OF THE BIOLOGICAL ACTIVITY OF INDOLE SCHIFF BASES
(usmeno priopćenje | *oral presentation*)
- 11:30 – 11:40** **Jakov-Stjepan Pavelić**, Blaž Likozar, Sašo Gyergyek, Miha Grilc
BIOMASS COMPOUND HYDROGENATION ELECTRIFICATION USING MAGNETIC CATALYSIS
(usmeno priopćenje | *oral presentation*)
- 11:40 – 12:00** **Posterska priopćenja** (Ružičkina kuća)
Poster presentations (Ružička house)
- 12:00 – 13:00** **USMENA PRIOPĆENJA** (Hrvatski dom Vukovar)
ORAL PRESENTATIONS (Croatian Home Vukovar)
Moderatori | *Chairs*: Ivana Šoljić Jerbić, Aleksandra Vojvodić Cebin
- 12:00 – 12:10** **Floren Radovanović-Perić**, Fabio Faraguna, Petra Pongrac, Karlo Grgurević, Rafael Anelić, Ružica Lukić Kovačić, Ante Jukić
DEVELOPMENT OF A METHOD FOR QUANTIFYING CAR DETERGENT CLEANING POWER
(usmeno priopćenje | *oral presentation*)
- 12:10 – 12:20** **Josip Tutić**, Barbara Bertović, Monika Šabić Runjavec, Marija Vuković Domanovac
BIOLOGICAL ACTIVITY OF THE AUTOCHTHONOUS BACTERIAL COMMUNITY IN OIL-POLLUTED SOIL
(usmeno priopćenje | *oral presentation*)

12:20 – 12:30	Danijela Poljuha INVASIVE ALIEN PLANTS: FROM ECOLOGICAL THREAT TO PHARMACEUTICAL OPPORTUNITY (usmeno priopćenje <i>oral presentation</i>)
12:30 – 12:40	Filip Brleković , Lana Brkić, Lea Hrženjak, Katarina Mužina, Marija Vuković Domanovac, Stanislav Kurajica TESTING THE ANTIMICROBIAL PROPERTIES OF SONOCHEMICALLY PREPARED MIXED Ag/Cu MOLYBDATES (usmeno priopćenje <i>oral presentation</i>)
12:40 – 12:50	Albino Gradečak , Goran Jeftić, Mario Gazdek ACQUISITION OF GEOENVIRONMENTAL NUMERICAL DATA (usmeno priopćenje <i>oral presentation</i>)
12:50 – 13:00	Nikola Zdolšek , Luka Andrijanić, Rajna Marija Jozić, Jelena Dautović, Irena Ciglencečki ELECTROCHEMICAL AND EA-IRMS CHARACTERIZATION OF ORGANIC MATTER IN ROGOZNICA LAKE (DRAGON'S EYE) (usmeno priopćenje <i>oral presentation</i>)
13:00	Zatvaranje Skupa uz poziv na 22. Ružičkine dane (2028.) (Hrvatski dom Vukovar) <i>Conference closing ceremony with a call for 22nd Ružička days (2028)</i> (Croatian Home Vukovar)

Predavanja | *Lectures*

- plenarno predavanje / *plenary lecture*: 25+5 min
- pozvano predavanje / *invited lecture*: 15+5 min
- usmena priopćenja / *oral section*: 8+2 min

● Srijeda | *Wednesday, 9. 9. 2026.*

Susret mladih kemičara (Ružičkina kuća)
Meeting of Young Chemists (Ružička house)

10. SUSRET MLADIH
KEMIČARA

08:00 – 10:00 **10. susret mladih kemičara – prijava sudionika** (Hrvatski dom Vukovar)
10th Meeting of Young Chemists – Registration of participants
(Croatian Home Vukovar)

10:00 – 10:30 **Otvaranje skupa i uvodni pozdrav** (Ružičkina kuća)
Opening ceremony and welcoming speech (Ružička house)

- mr. sc. **Katarina Milković**, ravnateljica AZOO
- prof. dr. sc. **Ante Jukić**, dekan Fakulteta kemijskog inženjerstva i tehnologije Sveučilišta u Zagrebu
- prof. dr. sc. **Ernest Meštrović**, predsjednik Hrvatskog kemijskog društva
- članovi Organizacijskog odbora

Predstavljanje programa rada i predavača
Presentation of the programme and lecturers

- dr. sc. Olgica Martinis, viša savjetnica za kemiju, AZOO

10:30 – 13:45 **PREDAVANJA** (Ružičkina kuća)
LECTURES (Ružička house)
Moderator | *Chair*: Olgica Martinis

10:30 – 11:15 **ERNEST MEŠTROVIĆ**
(Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije)
ISTRAŽIVAČKA NASTAVA I UMJETNA INTELIGENCIJA:
IZAZOVI I PRILIKE SUVREMENOG OBRAZOVANJA
(predavanje | *lecture*)

11:15 – 11:45 **TIN IVANKOVIĆ**
(Gimnazija Velika Gorica)
KAD UČENIK POČNE ISTRAŽIVATI, NASTAVA POSTAJE OTKRIĆE –
ISKUSTVA MENTORA
(predavanje | *lecture*)

11:45 – 12:45 **ANDRIJA NINIĆ**
(Sveučilište u Zagrebu Prirodoslovno-matematički fakultet, Kemijski odsjek)
ZA ONE KOJI ŽELE ZNATI VIŠE
(predavanje | *lecture*)

12:45 – 13:45 **ĐANI ŠKALAMERA**
(Sveučilište u Zagrebu Prirodoslovno-matematički fakultet, Kemijski odsjek)
ORGANSKA KEMIJA JE PUNO VIŠE OD NOMENKLATURE I
TERMINOLOGIJE
(predavanje | *lecture*)

13:45 – 14:30 **Stanka za ručak | *Lunch break***

14:30 – 16:45

IZLAGANJA RADOVA UČENIKA (Ružičkina kuća)
HIGH SCHOOL STUDENT PRESENTATIONS (Ružička house)
Moderator | Chair: Olgica Martinis

14:30 – 14:45

Karolina Dvojković, Iva Kuprešak, Karmen Dvojković
(Gimnazija Vukovar, Sveučilište Josipa Jurja Strossmayera u Osijeku,
Fakultet agrobiotehničkih znanosti Osijek)
1. rad: DVIJE STRANE ISTOG ZRCALA:
OPTIČKA AKTIVNOST SAHAROZE I FRUKTOZE
(izlaganje učenika | *high school student presentation*)

14:45 – 15:00

Lina Borak, Tea Novak, Elena Spudić, Tamara Tkalec-Car, Petra Novak Mlinarić
(Graditeljska, prirodoslovna i rudarska škola, Varaždin)
2. rad: BIORAZGRADIVI JEDNOKRATNI TANJUR OD BIOLOŠKOG
OTPADNOG MATERIJALA
(izlaganje učenika | *high school student presentation*)

15:00 – 15:15

Andrej Lisica, Lana Rehnicec, Zorica Majjić, Suzana Čurić
(Tehnička škola i prirodoslovna gimnazija Ruđera Boškovića Osijek)
3. rad: IZOLACIJA KOFEINA I ODREĐIVANJE KONCENTRACIJE
U RAZNIM NAPITCIMA
(izlaganje učenika | *high school student presentation*)

15:15 – 15:30

Antonija Milić, Elvira Kovač-Andrić, Sanja Pavlović Šijanović, Nikolina Filipović, Davor Šijanović, Stjepan Šarić, Erika Bainrauch, Ema Kumer, Nina Štrus, Anamarija Glavaš, Laura Kerek
(Gimnazija Vukovar i Odjel za kemiju, Sveučilište J. J. Strossmayera u Osijeku)
4. rad: BALNEOLOŠKA SVOJSTVA GEOTERMALNIH IZVORA U VUKOVARU
(izlaganje učenika | *high school student presentation*)

15:30 – 15:45

Lucija Vidaković, Maja Dubovicki
(Gimnazija M. A. Reljkovića, Vinkovci)
5. rad: KAKVOĆA VODE JEZERA BANJA:
USPOREDBA PERCEPCIJE I KEMIJSKIH POKAZATELJA
(izlaganje učenika | *high school student presentation*)

15:45 – 16:00

Ana Bendra, Anamarija Glavaš, Iva Ivankiv, Jasminka Bikić, Petra Šušak
(Gimnazija Vukovar i Odjel za kemiju, Sveučilište J. J. Strossmayera u Osijeku)
6. rad: ODREĐIVANJE NEUTRALIZACIJSKOG KAPACITETA ANTACIDA
(izlaganje učenika | *high school student presentation*)

16:00 – 16:15

Ana Čiča, Anđela Dobrić, Đurđevka Pecikozić
(Tehnička škola Nikole Tesle, Vukovar)
7. rad: BIOPLASTIKA NA BAZI KUKURUZNOG ŠKROBA KAO ODRŽIVA
ALTERNATIVA KONVENCIONALNOJ PLASTICI
(izlaganje učenika | *high school student presentation*)

- 16:15 – 16:30** **Slavica Jukić, Emir Horozić, Darian Altumbabić, Anja Baotić, Đani Bijedić, Dario Kreitmayer, Danis Odobašić, Lana Ramljak**
(Katolički školski centar „Don Bosco“ Žepče, Bosna i Hercegovina)
8. rad: KOMPARATIVNA ANALIZA SADRŽAJA PROTEINA U KOMERCIJALNIM PROTEINSKIM NAPITCIMA I PREPARATIMA BIURETOVOM I KJELDAHLOVOM METODOM
(izlaganje učenika | *high school student presentation*)
- 16:30 – 16:45** **Lana Memišević, Lana Bećirović, Ismar Mujagić, Lana Cvijić, Emir Horozić**
(Katolički školski centar »Sveti Franjo« Opća gimnazija Tuzla, Bosna i Hercegovina)
9. rad: KOMPARATIVNA ANALIZA SADRŽAJA POLIFENOLNIH SPOJEVA I ANTIOKSIDATIVNE AKTIVNOSTI EKSTRAKATA PTIČJE GRAHORICE (*Vicia cracca* L.)
(izlaganje učenika | *high school student presentation*)
- 16:45 – 17:00** **Proглаšenje rezultata na temelju izlaganja radova učenika, Evaluacija skupa | *Announcement of results based on student presentations, Evaluation of the conference***
(Conference participants, Committee for evaluation of high school student works)

● Srijeda | *Wednesday, 9. 9. 2026.*

Skup laboratorijskih tehničara (Gradski muzej Vukovar)

Meeting of Laboratory Technicians (Municipal Museum Vukovar)



17:00 – 19:00

2. skup laboratorijskih tehničara – Prijava sudionika

(Hrvatski dom Vukovar)

2nd Meeting of Laboratory Technicians – Registration of participants

(Croatian Home Vukovar)

19:00

Koktel dobrodošlice (Gradski muzej Vukovar)

Welcome cocktail (Municipal Museum Vukovar)

● Četvrtak | *Thursday, 10. 9. 2026.*

Skup laboratorijskih tehničara (Gradski muzej Vukovar)

Meeting of Laboratory Technicians (Municipal Museum Vukovar)

08:00 – 09:00

2. skup laboratorijskih tehničara – prijava sudionika

(Hrvatski dom Vukovar)

2nd Meeting of Laboratory Technicians – registration of participants

(Croatian Home Vukovar)

09:15 – 09:45

POZVANO PREDAVANJE (Gradski muzej Vukovar)

INVITED LECTURE (Municipal Museum Vukovar)

Moderatori | *Chairs:* Marijana Vidaković

ŽELJKA UJEVIĆ ANDRIJIĆ

(Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije)

DIGITALNA TRANZICIJA U LABORATORIJU:

VIRTUALNI ASISTENT LABORATORIJSKOG TEHNIČARA

10:00 – 10:45

Otvaranje i pozdravni govor (Hrvatski dom Vukovar)

Opening ceremony and welcoming speech (Croatian Home Vukovar)

10:45 – 11:10

Stanka za kavu | *Coffee break* (Hrvatski dom Vukovar)

11:10 – 12:40

RADIONICA (Gradski muzej Vukovar)

WORKSHOP (Municipal Museum Vukovar)

Moderatori | *Chairs:* Dora Matijašec

PETRA BEKAVAC i BARBARA RAGUŽ

(Hrvatski Zavod za javno zdravstvo)

KRATKI VODIČ ZA UPRAVLJANJE STRESOM NA RADNOM MJESTU

(radionica | *workshop*)

12:40 – 15:00

Stanka za ručak | *Lunch break*

15:00 – 16:30

INTERAKTIVNI KVIZ (Gradski muzej Vukovar)
INTERACTIVE QUIZ (Municipal Museum Vukovar)

Marijana Vidaković i Dora Matijašec

(Sveučilište u Zagrebu Fakultet kemijskog inženjerstva i tehnologije)

POKAŽITE SVOJE LABORATORIJSKO ZNANJE I VJEŠTINE

(kviz | quiz)

18:30

Izlet – Vinarija Vina Belje (Kamenac Planina) – vinograd i degustacija
Excursion – Vina Belje Winery (Kamenac Planina) – vineyard tour and wine tasting

20:00

Svečana večera – Zoo Hotel Osijek
Gala dinner – Zoo Hotel Osijek

● **Petak | Friday, 11. 9. 2026.**

Skup laboratorijskih tehničara (Gradski muzej Vukovar)

Meeting of Laboratory Technicians (Municipal Museum Vukovar)

08:00 – 09:30

PANEL RASPRAVA (Gradski muzej Vukovar)
PANEL DISCUSSION (Municipal Museum Vukovar)

Moderatori | *Chairs*: Marko Jagetić

KEMIJSKI TEHNIČAR NEKAD I SAD, SLIČNOSTI, RAZLIKE I IZAZOVI

Panelisti | *Panelists*

Đurđica Ačkar (PTFOS)

David Matthew Smith (IRB)

Ivana Šoljić Jerbić (PLIVA)

09:45

Polazak autobusa | Bus departure (Hrvatski dom Vukovar)

10:30 – 12:00

OBILAZAK KEMIJSKOG ODSJEKA
(Prehrambeno-tehnološki fakultet Osijek)
TOUR OF THE CHEMISTRY DEPARTMENT
(Faculty of Food Technology Osijek)

12:00

Polazak autobusa | Bus departure
(Prehrambeno-tehnološki fakultet Osijek)

13:00

Zatvaranje Skupa (Hrvatski dom Vukovar)
Conference closing ceremony (Croatian Home Vukovar)



Četvrtak | Thursday, 10. 9. 2026.

SEKCIJA A:

KEMIJA U POLJOPRIVREDI I ŠUMARSTVU

CHEMISTRY IN AGRICULTURE AND FORESTRY

- A-1** Sandra Voća, Vanja Jurišić, Ana Matin, Neven Voća, Ante Galić, Ivan Brandić, Anamarija Peter, Jona Šurić, Mía Dujmović, Ivana Tomić, Karlo Špelić, Jana Šić Žlabur
IS WASTE WORTH MORE? POLYPHENOL RECOVERY FROM APPLE POMACE
- A-2** Vedran Poljak, Marijana Franičević, Vlatka Paštar, Ivana Kavain, Marko Šuste
VOLATILE PROFILE CHARACTERIZATION BY HS-SPME-GC-MS OF *EUCALYPTUS CINEREA* SUPERCRITICAL FLUID EXTRACT
- A-3** Josip Mesić, Lovro Hoborka, Valentina Obradović, Anita Pichler, Ivana Ivić, Helena Marčetić, Veronika Brišić, Brankica Svitlica
INFLUENCE OF GRAPE ORIGIN AND YEAST STRAINS ON THE CHARACTERISTICS OF GRAŠEVINA WINES
- A-4** Karla Gašparić, Nataša Hulak, Lucija Božić, Kristina Vlahoviček Kahlina, Danijel Čičak, Nenad Jalšenjak, Marko Vinceković
ENCAPSULATION AND CO-ENCAPSULATION OF BENEFICIAL MICROORGANISMS IN COMPOSITE BIOPOLYMER MICROPARTICLES
- A-5** Dora Bošnjak, Luna Maslov Bandić, Marko Vinceković
FROM SPICE TO SHELF LIFE: TURMERIC AS A NATURAL PROTECTOR OF STRAWBERRIES

Četvrtak | Thursday, 10. 9. 2026.

SEKCIJA B:

KEMIJSKA ANALIZA I SINTEZA

CHEMICAL ANALYSIS AND SYNTHESIS

- B-1** Nikolina Filipović, Iva Jozinović, Stjepan Šarić, Martina Šrajer Gajdošik, Tomislav Balić, Elvira Kovač-Andrić
MALTOL AND KOJIC ACID AS VERSATILE O-DONOR LIGANDS IN TRANSITION METAL COMPLEXES
- B-2** Jakov Babić, Stjepan Šarić, Dalibor Tatar, Jelena Kojčinović, Petra Šušak, Igor Djerdj
INVESTIGATING THE INFLUENCE OF PR CONCENTRATION ON THE STRUCTURAL EVOLUTION OF CERIA-BASED HIGH-ENTROPY OXIDES
- B-3** Anja Beč, Petra Meštović, Ana Sutlović, Iva Brlek, Livio Racané
SYNTHESIS AND DYEING PROPERTIES OF NOVEL BENZOTHAZOLE-BASED AZO NAPHTHOLSULFONIC DYES

B-4	Andrea Dandić, Marija Paurević, Iva Funarić, Martina Šrajcr Gajdošik MICROWAVE-ASSISTED SYNTHESIS OF A NOVEL IMIDAZOLE-TRIAZOLE DERIVATIVE FOR ANTIBACTERIAL EVALUATION
B-5	Senka Djaković, Jasmina Lapić, Ani Radonić, Tijana Stanić, Igor Jerković, Višnja Stepanić NATURAL REPELLENTS: EXTRACTIONS AND GC-MS ANALYSES OF VOLATILE COMPONENTS OF CLOVE, LAVENDER AND THYME
B-6	Josipa Dugeč, Marijana Kovačević, Maša Buljac, Marijo Buzuk MECHANISM OF THE ELECTROCHEMICAL RESPONSE OF GALLIC ACID AT A POROUS ELECTRODE: THE (IR)REVERSIBILITY PARADOX
B-7	Dominik Milanović-Litrea, Petra Kovačec, Tatjana Gazivoda Kraljević SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF NOVEL ACYLHYDRAZONE DERIVATIVES
B-8	Dominik Goman, Elena Vidović, Tomislav Balić, Martina Medvidović-Kosanović VOLTAMETRIC CHARACTERIZATION OF HYDRAZIDE MACROCYCLIC COMPOUNDS
B-9	Jozo Ištuk, Lidija Jakobek, Marija Banožić, Mario Kovač POLYPHENOLS FROM THE PEEL OF TRADITIONAL APPLE VARIETIES AS α -GLUCOSIDASE INHIBITORS
B-10	Jelena Ivanović, Nikolina Filipović, Jelena Brdarić, Ana Amić, Nives Matijaković Mlinarić, Anamarija Stanković ROLE OF BISPHENOL A IN MODULATING CALCIUM OXALATE PRECIPITATION
B-11	Jelena Jakić, Ines Mišetić, Miće Jakić, Miroslav Labor REMOVAL OF PVC MICROPLASTICS FROM SEAWATER USING DIRECT ELECTRIC CURRENT
B-12	Leda Kolarek, Srečko Herceg, Nenad Bolf, Zoran Mandić STATE OF CHARGE ANALYSIS IN A VANADIUM REDOX FLOW BATTERY USING AN UV-VIS-BASED CALIBRATION MODEL
B-13	Jasmina Lapić, Leonarda Forko, Petar Košutić, Vanja Šimaga, Senka Djaković FERROCENOLATION OF CYTOSINE AND C5-SUBSTITUTED URACILS: REACTIVITY AND REGIOSELECTIVITY
B-14	Zvonimir Marijanović, Tomislav Pavlešić, Marijana Franičević, Sanja Radman, Mladenka Šarolić AROMATIC PROFILE OF ISTRIAN MALVASIA WINE LEES
B-15	Anita Martinović Bevanda, Marina Šuman, Ante Prkić, Anita Ivanković, Stanislava Talić A NOVEL SPECTROPHOTOMETRIC METHOD FOR NITRATE DETERMINATION: ASSESSMENT USING GREEN AND WHITE ANALYTICAL CHEMISTRY METRICS
B-16	Ante Osmak, Gordana Pavlović, Livio Racané OPTIMISING CONDENSATION REACTIONS OF ZINC BIS(2-AMINOTHIOPHENOLATES)

B-17	Valentina Pavić, Zorana Katanić, Liljana Krstin, Lovro Mihajlović, Anamarija Perić, Stjepan Šarić, Martina Šrajer Gajdošik, Elvira Kovač-Andrić, Vlatka Gvozdić PHYTO-MEDIATED SYNTHESIS OF AMORPHOUS SELENIUM NANOPARTICLES USING WALNUT (<i>JUGLANS REGIA</i> L.) SEPTUM EXTRACT
B-18	Kristina Perišić IN-DEPTH ANALYSIS OF THE PHYTOCHEMICAL AND BIOACTIVE PROFILE OF ENDEMIC BROWN MACROALGA <i>FUCUS VIRSIDES</i>
B-19	Maša Buljac, Josip Radić, Marijo Buzuk, Josipa Dugeč, Patricia Topić, Matija Cvetnić, Luka Večenaj EVALUATION OF HONEY QUALITY AND SAFETY USING PHYSICOCHEMICAL ANALYSIS AND ICP-MS ELEMENTAL PROFILING
B-20	Ivana Tomac, Mario Komar, Leonarda Marković, Maja Molnar, Martina Jakovljević Kovač, Dajana Gašo Sokač, Martin Kondža, Mirna Habuda-Stanić, Damir Magdić, Lahorka Budić, Mia Suknović, Valentina Bušić SYNTHESIS AND ELECTROCHEMICAL PROPERTIES OF TWO SELECTED QUINAZOLINONES
B-21	Tijana Stanić, Ani Radonić, Katarina Usanović, Paula Batinović VOLATILE COMPOUNDS OF <i>VITEX AGNUS CASTUS</i> L.
B-22	Marina Zekić, Tijana Stanić, Ani Radonić VOLATILE AROMA COMPOUNDS OF KAJMAK
B-23	Marina Galić, Antonija Mamić, Marijana Hranjec NEW PYRIDINE DERIVED HYDRAZONES AS OPTICAL SENSORS FOR METAL CATIONS

Četvrtak | *Thursday, 10. 9. 2026.*

SEKCIJA C:	KEMIJSKO I BIOKEMIJSKO INŽENJERSTVO <i>CHEMICAL AND BIOCHEMICAL ENGINEERING</i>
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C-1	Maja Čolnik, Krunoslav Aladić, Snježana Keleković, Mojca Škerget, Stela Jokić EXTRACTION OF BIOACTIVE COMPOUNDS FROM <i>EPILOBIUM PARVIFLORUM</i> USING SUBCRITICAL FLUIDS
C-2	Nera Bebek, Renata Vičević Šimac, Anita Šalić, Bruno Zelić IMMOBILIZATION OF GLUCOSE DEHYDROGENASE IN HYDROGELS
C-3	Iva Blažević, Dora Felber, Maja Bival Štefan, Aleksandra Sander SYNERGISM AND ANTAGONISM: COMPARATIVE ANALYSIS OF ANTIOXIDANT ACTIVITY OF MIXTURES OF SELECTED ESSENTIAL OILS
C-4	Mirjana Čurlin, Hrvoje Juretić, Davor Ljubas DESIGN AND TESTING OF A HYDRODYNAMIC CAVITATION MODULE FOR INTENSIFYING THE OXIDATION TREATMENT OF WATER MATRICES
C-5	Vjeran Gomzi, Iva Movre-Šapić, Andrej Vidak Fe/P/C/O/H FORCE FIELD PARAMETERS VS. MACHINE LEARNED POTENTIALS

C-6	Karlo Grgurević, Floren Radovanović-Perić, Ružica Lukić-Kovačić, Fabio Faraguna, Ante Jukić DEVELOPMENT OF ALKYL-GLUCOSIDE-BASED DETERGENT FOR MOTOR OIL STAINS REMOVAL
C-7	Ana Lozančić, Vesna Ocelić Bulatović, Jelena Macan LOTUS EFFECT ON THE WOOD-CEMENT BOARDS
C-8	Miće Jakić, Maja Šumera, Mario Nikola Mužek, Jelena Jakić POLYMER COMPOSITE FILMS BASED ON POLY(VINYL ALCOHOL) AND GROUND EGGSHELLS
C-9	Ana-Katarina Marić, Jasmin Zuson, Robert Kourist, Martina Sudar, Zvezdana Findrik Blažević BIOCATALYTIC OXIDATION OF <i>rac</i> -BORNEOL TO (+)-CAMPHOR CATALYSED BY NAD ⁺ -DEPENDENT BORNEOL DEHYDROGENASE
C-10	Marijan-Pere Marković, Dunja Šamec, Anita Šalić OPTIMIZATION OF CELL PERMEABILIZATION CONDITIONS FOR IMPROVED ISOLATION OF HORSERADISH PEROXIDASE FROM HORSERADISH ROOT
C-11	Karlo Grgurević, Valentina Erceg, Dajana Kučić Grgić, Elvira Vidović, Vesna Ocelić Bulatović COMPOSITION-DRIVEN RHEOLOGICAL BEHAVIOUR AND PROCESSABILITY OF PBAT/PHBV BLENDS FOR BIODEGRADABLE FOOD PACKAGING
C-12	Anđela Radan, Margit Winkler, Zvezdana Findrik Blažević, Martina Sudar OPERATIONAL STABILITY OF PPK-2-III ENZYME FOR ATP REGENERATION
C-13	Rafael Anelić, Alena Đogić, Fabio Faraguna DEGRADATION OF A BIOCOMPATIBLE POLYMER PREPARED BY PRECIPITATION IN A PHYSIOLOGICAL BUFFER
C-14	Filip Car, Anabela Ljubić, Dora Grgurić, Milena Mlakić, Anita Šalić OPTIMIZATION OF RESVERATROL DIMERIZATION IN A BATCH REACTOR USING DESIGN OF EXPERIMENTS METHODOLOGY
C-15	Lara Štorga, Lana Vuletin, Elizabeta Forjan, Marijan-Pere Marković, Domagoj Vrsaljko ADITIVNA PROIZVODNJA U RAZVOJU PROTOČNIH SEPARATORA ADDITIVE MANUFACTURING IN FLOW SEPARATOR DEVELOPMENT
C-16	Dino Skendrović, Ana Vrsalović Presečki, Ena Polović, Tina Škrgatić, Anamarija Verović APPLICATION OF HYBRID MAGNETIC BIOCATALYST WITH NANOFLOWER-LIKE STRUCTURE IN DICLOFENAC DECOMPOSITION
C-17	Renata Vičević Šimac, Nera Bebek, Anita Šalić, Bruno Zelić OPTIMIZATION OF BIOHYDROGEN PRODUCTION IN A MICROREACTOR
C-18	Mislav Vorkapić, Nikolina Filipović, Anamarija Stanković, Ana Amić BIOSYNTHESIS OF SILVER NANOPARTICLES: A CRITICAL REVIEW OF FUNGAL BIOMOLECULAR REDUCING AGENTS AND BIOSYNTHETIC PARAMETERS

C-19	Filip Vretenar, Željka Ujević Andrijić COMPARISON AND EXPLAINABILITY OF MACHINE LEARNING MODELS FOR PREDICTING PHARMACEUTICAL COCRYSTAL FORMATION
C-20	Marija Vuković Domanovac, Klara Krajnović, Stela Relota, Monika Šabić Runjavec, Tomislav Domanovac HARNESSING SEWAGE SLUDGE TO REMOVE HIGH ORGANIC LOADS THROUGH BIOSORPTION
C-21	Maša Lač, Tatjana Baković Kultan, Ivana Šoljić Jerbić, Sonja Pavković, Monika Mihaljević, Anabela Ljubić EFFECT OF PLGA ARCHITECTURE ON THE RHEOLOGICAL BEHAVIOUR OF POLYMER SOLUTIONS IN DIFFERENT SOLVENTS
C-22	Matko Erceg, Boris Jarčević ANALYSIS OF SURFACE DEFECTS ON THE MULTILAYER COMPOSITE PACKAGING

Četvrtak | *Thursday, 10. 9. 2026.*

SEKCIJA D: MEDICINSKA KEMIJA I FARMACIJA MEDICAL CHEMISTRY AND PHARMACY	
D-1	Tea Kozić, Nikolina Filipović, Robert Vianello, Anamarija Stanković, Marija Hefer, Vice Tomičić, Martina Medvidović-Kosanović, Dominik Goman, Dalibor Tatar, Stjepan Šarić, Gala Bereš, Martina Smolić, Tomislav Balić STRUCTURE, REDOX PROPERTIES, AND ANTITUMOR POTENTIAL OF A NOVEL TERNARY COPPER(II) COMPLEX
D-2	Ivan Ćorić, Dejan Agić, Leon Sačer, Silvana Raić-Malić, Ljubica Glavaš-Obrovac DOCKING AND MOLECULAR DYNAMICS ANALYSIS OF A NOVEL RHENIUM(I) COMPLEX BOUND TO JAK1 PROTEIN
D-3	Dijana Jureša, Leo Štefan CONTROL AND STABILITY OF <i>N</i> -NITROSOFO LIC ACID IN FOLIC ACID TABLETS: RISK ASSESSMENT, ANALYTICAL CONFIRMATION AND REGULATORY IMPLICATIONS
D-4	Petra Kovačec Slukan, Leon Rakić, Ana Zagorec, Leona Čakić, Dragana Mutavdžić Pavlović, Leentje Persoons, Dirk Daelemans, Tatjana Gazivoda Kraljević SYNTHESIS, ANTITUMOR ACTIVITY AND FORCED DEGRADATION OF ACYLHYDRAZONE BENZOXAZOLONE DERIVATIVES
D-5	Roberta Kurelić, Ivona Pečurlić, Nina Popović, Dijana Jureša, Ivan Sušanj CHOOSING OPTIMAL pH RANGE FOR PRODUCT LATANOPROST + NETARSUDIL, 50 µg/ml + 200 µg/ml, EYE DROPS, SOLUTION
D-6	Nika Lovrinčević Pavlović, Anđelina Miloloža, Mirjana Mikulić, Maja Miškulin SERUM CONCENTRATIONS OF COPPER AND ZINC IN PATIENTS WITH MULTIPLE SCLEROSIS

D-7	Katarina Mišković Špoljarić, Dino Belić, Ljubica Glavaš-Obrovac CHEMOTHERAPEUTIC CYTOTOXICITY IN 2D VS 3D HEAD AND NECK CANCER MODELS
D-8	Ivan Miškulin, Matea Matić Ličanin, Stela Jokić, Iva Krolo, Ivana Kotromanović Šimić, Ivan Vukoja, Darko Kotromanović, Jelena Šakić Radetić, Dunja Damjanović, Martina Rikert PHARMACOECONOMIC ANALYSIS OF GLP-1 RECEPTOR AGONIST USE IN CROATIA
D-9	Vesna Rastija, Andrea Dandić, Martina Šrajer Gajdošik, Marija Paurević, Maja Karaš Babić, Domagoj Šubarić MOLECULAR ORBITALS STUDY ON DERIVATIVES OF ARYLAMIDE IMIDAZOLES AS INHIBITORS OF BUTYRYLCHOLINESTERASE
D-10	Donna Danijela Dragun, Nika Šajković, Martina Jović, Ernest Meštrović, Iva Rezić Meštrović A DESIGN-OF-EXPERIMENTS APPROACH TO STUDYING THE "COFFEE RING" EFFECT IN ACTIVE PHARMACEUTICAL INGREDIENTS
D-11	Ana Barbarić, Ivana Gobin, Lara Saftić Martinović ANTIMICROBIAL ACTIVITY OF PINOCEMBRIN AND KAEMPFEROL AGAINST METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS AND ASSESSMENT OF THEIR ANTIOXIDATIVE ACTIVITY
D-12	Antonija Mamić, Kristina Starčević, Kristina Butković, Leentje Persoons, Dirk Daelemans, Marijana Hranjec SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF PYRIDINE BENZAMIDES
D-13	Zorana Mutavski, Milica Radan, Anna Stasiłowicz-Krzemień, Jelena Mudrić, Tanja Stević, Ana Alimpić Aradski, Katarina Šavikin, Judyta Cielecka-Piontek, Nada Čujić Nikolić PRESERVING THE BIOACTIVITY OF ELDERFLOWER THROUGH MULTIFUNCTIONAL MICROPARTICLES
D-14	Jurja Vukovinski, Leentje Persoons, Dirk Daelemans, Maja Karnaš, Karolina Vrandečić, Marijana Hranjec SYNTHESIS AND BIOLOGICAL ACTIVITY OF NOVEL OXAZOLO[4,5-b]PYRIDINE DERIVATIVES
D-15	Emilija Spaseska Aleksovska, Drago Šubarić, Midhat Jašić BIOACTIVE COMPOUNDS FROM FOOD AND DIETARY SUPPLEMENTS AS MODULATORS OF THE ENDOCANNABINOID SYSTEM

SEKCIJA E:

PREHRAMBENA TEHNOLOGIJA I BIOTEHNOLOGIJA
FOOD TECHNOLOGY AND BIOTECHNOLOGY

E-1	Ana Martić, Emma D'Haillecourt, Verica Dragović-Uzelac, Ivona Elez Garofulić, Maja Repajić VALORIZATION OF BLACKCURRANT POMACE AFTER SUPERCRITICAL CO ₂ EXTRACTION: PHENOLIC CONTENT AND ANTIOXIDANT CAPACITY
E-2	Marija Banožić, Andrea Karlović, Đurđica Ačkar EFFECT OF pH VALUE ON TECHNO-FUNCTIONAL PROPERTIES OF BROAD BEAN PROTEIN IN OLEOGEL PRODUCTION
E-3	Mia Bertić, Ivana Flanjak, Krunoslav Aladić, Drago Šubarić, Stela Jokić COMPARATIVE ANALYSIS OF PIGMENTS IN DIFFERENT MARINE MACROALGAE
E-4	Marijana Blažić, Vedrana Pleš, Luka Pilepić, Ines Cindrić, Elizabeta Zandona CHEMICAL CONTAMINANTS IN KITCHENWARE AND CONSUMER HABITS IN THE USE OF FOOD-CONTACT MATERIALS
E-5	Frane Čačić Kenjerić, Sandra Budžaki, Ivica Strelec SHAPE DESCRIPTORS OF EGGSHLL PIECES AFTER EGG MEMBRANE EXTRACTION
E-6	Aly Castillo, Marta Lores INDUSTRIAL APPLICATION OF MASS SPECTROMETRY FOR THE VALORIZATION OF AGRI-FOOD AND FORESTRY BY-PRODUCTS
E-7	Ena Cegledi, Bojan Mumlek, Apolline Martin, Verica Dragović-Uzelac, Ivona Elez Garofulić PHENOLIC COMPOUNDS IN SPRAY-DRIED BERRY LEAF POWDERS: IMPACT OF CARRIER AGENTS ON <i>IN VITRO</i> BIOAVAILABILITY
E-8	Josipa Dukić, Apolline Martin, Maja Repajić, Ivona Elez Garofulić, Verica Dragović-Uzelac INFLUENCE OF ULTRASOUND-ASSISTED EXTRACTION ON PHENOLIC COMPOUND RECOVERY FROM SELECTED MACROALGAE SPECIES
E-9	Ana-Marija Gotal Skoko, Antun Jozinović, Jurislav Babić, Drago Šubarić, Ante Lončarić TRADITIONAL APPLE CULTIVARS: A PROMISING RESOURCE FOR BY-PRODUCT VALORIZATION
E-10	Karla Hanousek Čiča, Ena Cegledi, Ana Martić, Josipa Dukić, Damir Stanzer, Jasna Mrvčić, Ivona Elez Garofulić, Maja Repajić ANTIMICROBIAL ACTIVITY OF EXTRACTS OBTAINED FROM SELECTED FRUIT AND VEGETABLE PROCESSING BYPRODUCTS
E-11	Karla Hanousek Čiča, Ena Cegledi, Damir Stanzer, Jasna Mrvčić, Maja Repajić, Verica Dragović-Uzelac, Ivona Elez Garofulić OPTIMIZATION OF THE CONDITIONS FOR MICROBIAL FERMENTATION OF BLACK CHOKEBERRY (<i>ARONIA MELANOCARPA</i> L.) POMACE
E-12	Zvonimir Ladešić, Sandra Maričić Tarandek COMPARATIVE ANALYSIS OF THERMAL AND OXIDATIVE STABILITY IN EXTRA VIRGIN OLIVE (<i>OLEA EUROPAEA</i>), PUMPKIN SEED (<i>CUCURBITA PEPO</i>), AND HEMP SEED (<i>CANNABIS SATIVA</i>) OILS UNDER SIMULATED DEEP-FRYING CONDITIONS

E-13	Mirela Lučan Čolić, Martina Antunović Vicić EFFECT OF BLACK CHOKEBERRY POMACE ON ICE CREAM ANTIOXIDANT PROPERTIES AND COLOR
E-14	Dragana Mićanović, Martina Hederić, Lara Marinčić, Helena Žinić, Mia Čulo, Krešimir Mastanjević EVALUATION OF N-NITROSAMINE LEVELS IN PROCESSED MEAT PRODUCTS FROM THE CROATIAN MARKET
E-15	Tihomir Moslavac, Drago Šubarić, Krunoslav Aladić, Karlo Dudaš, Vlatka Izivkić, Martina Marijanović, Daniela Paulik, Antun Jozinović STABILIZATION OF VIRGIN AND COLD-PRESSED PUMPKIN SEED OIL WITH ANTIOXIDANTS
E-16	Ema Pavičić, Valentina Masala, Carlo Ignazio Giovanni Tuberoso, Krunoslav Aladić, Snježana Keleković, Stela Jokić GREEN EXTRACTION OF PHENOLIC COMPOUNDS FROM <i>MATRICARIA CHAMOMILLA</i> L. HERBAL DUST
E-17	Karlo Pirizović, Helena Marčetić, Valentina Obradović, Svjetlana Škrabal, Ante Lončarić, Maja Ergović Ravančić, Josip Mesić, Veronika Barišić Pavičić COMPARISON OF RHEOLOGICAL, TEXTURAL, COLOR, AND SENSORY PROPERTIES OF COMMERCIAL WHITE, MILK, AND DARK CHOCOLATES
E-18	Dario Šarić, Ivona Fogadić, Lara Ivanac, Karla Ivandić, Daniela Paulik, Antun Jozinović, Jurislav Babić, Drago Šubarić, Đurđica Ačkar OLEOGELS BASED ON CELLULOSE MICROFIBRILS FROM COCOA BEAN SHELL
E-19	Valentina Obradović, Ivan Lasić, Maja Ergović Ravančić, Svjetlana Škrabal, Veronika Barišić Pavičić APPLICATION OF DIFFERENT STARCHES IN THE DEVELOPMENT OF INNOVATIVE SNACK PRODUCTS
E-20	Karolina Sušac, Marija Kovačević Babić, Marija Viljevac Vuletić, Daniela Horvat EFFECT OF ACID HYDROLYSIS CONDITIONS ON ISOFLAVONE AGLYCONE FORMATION IN SOYBEAN (<i>GLYCINE MAX</i> L. MERRILL)
E-21	Jelena Vladic, Ana Rita Duarte, Kristian Pastor BIPHASIC DEEP EUTECTIC SOLVENTS FOR ONE-STEP EXTRACTION AND FRACTIONATION OF MICROALGAL BIOACTIVE COMPOUNDS
E-22	Ana Martić, Ena Cegledi, Barbara Solomun, Augustina Bukvić, Verica Dragović-Uzelac, Ivona Elez Garofulić, Maja Repajić OPTIMIZATION OF ULTRASOUND-ASSISTED EXTRACTION CONDITIONS FOR ENHANCED CHLOROPHYLL RECOVERY AND ANTIOXIDANT CAPACITY FROM ZUCCHINI PEEL
E-23	Svjetlana Škrabal, Ivana Šušak, Valentina Obradović, Maja Ergović Ravančić CHEMICAL QUALITY AND MICROBIOLOGICAL COMPLIANCE OF BUTTER AVAILABLE ON THE CROATIAN MARKET
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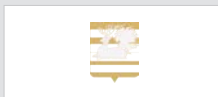
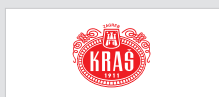
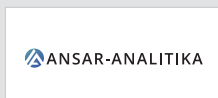
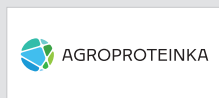


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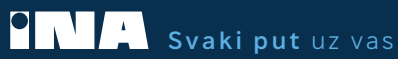


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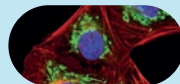
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- Laboratorijski potrošni pribor i opremu
- Osobnu zaštitnu opremu

U suradnji s renomiranim svjetskim proizvođačima:

MERCK

Solstice

BLDpharm

ROTH

fisher scientific

MCE
MedChemExpress

LGC

MN

MACHERY-NAGEL



MEDIC *Znanstvena i laboratorijska rješenja!*

OTAPALA, REFERENTNI MATERIJALI, PRIPREMA UZORAKA

MERCK



Organic
Analysis &
Sensorics



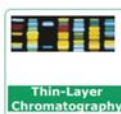
Elemental
Analysis



Solvents & Inorganics



Titration & Karl
Fischer



Thin-Layer
Chromatography



Mobile Analysis
& Photometry



Reference
Materials



Sample
Preparation



HPLC Columns



GC Columns



Analytical &
General Equipment

UREĐAJI ZA ČISTU I ULTRAČISTU VODU, SUSTAVI ZA FILTRACIJU

M
MERCK MILLIPORE



MEDIJI, ANTITIJELA, DNA/RNA KITOVI, PCR, qPCR RJEŠENJA



PROTOČNA CITOMETRIJA



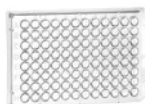
Cytek Muse® Micro
Cytek® Guava® Muse®
Cytek® Guava® easyCyte™
Cytek® Amnis® ImageStream® X



LABORATORIJSKI POTROŠNI MATERIJAL

CORNING

greiner
BIO-ONE



Vaš partner za sveobuhvatna rješenja u laboratorijskoj analitici





SKUP LABORATORIJSKIH TEHNIČARA

II. skup laboratorijskih tehničara

9. – 11. rujna 2026., Vukovar

- **Predavanje:**
Digitalna tranzicija u laboratoriju:
virtualni asistent laboratorijskog
tehničara
- **Radionica:**
Kratki vodič za upravljanje stresom
na radnom mjestu
- **Interaktivni kviz:**
Pokažite svoje laboratorijsko
znanje i vještine
- **Panel rasprava:**
Kemijski tehničar nekad i sad,
sličnosti, razlike i izazovi
- **Posjet PTFOS-u**





IZDAVAČI | PUBLISHERS

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Croatian Society of Chemical Engineers

Osijek i Zagreb, 2026.