



Ivana Vručina (rođ.Boca)

Nationality: Croatian **Date of birth:** 15/04/1975 **Place of birth:** Osijek **Gender:**

Female **Phone:** ☎ (+385) 098282528 (Mobile) ☎ (+385) 031399916 (Work) ✉ **Email**

address: iboca@biologija.unios.hr 🌐 **Website:** www.biologija.unios.hr 📍 **Address:**

Cara Hadrijana 8/A , 31000, Osijek, Croatia (Work)

WORK EXPERIENCE

Josip Juraj Strossmayer University of Osijek, Department of Biology - Croatia, Osijek

Website: <https://www.biologija.unios.hr/>

Senior Professional Advisor in the System of Science and Higher Education

[2010 - Current]

Scientific research activities:

Collaborator on professional and scientific projects related to mosquito monitoring and research in the City of Osijek, Osijek-Baranja County, Vukovar-Srijem County, Međimurje County, and research of various insect groups in Kopački Rit Nature Park.

Scientific field: Natural Sciences

Scientific discipline: Biology

Teaching activities:

Participation in preparation and delivery of practical classes in the following courses: General Zoology, Field Course I – Botany and Zoology, Entomology, Zoogeography, Preparation and Curation of Biological Collections

Josip Juraj Strossmayer University of Osijek, Department of Biology - Croatia, Osijek

Senior Professional Associate in the System of Science and Higher Education

[2008 - 2010]

Scientific research activities:

Collaborator on projects related to mosquito monitoring and research in Osijek, Osijek-Baranja County, Vukovar-Srijem County, and insect research in Kopački Rit Nature Park.

Teaching activities:

General Zoology; Field Course I; Entomology

Josip Juraj Strossmayer University of Osijek, Department of Biology - Croatia, Osijek

Professional Associate in the System of Science and Higher Education

[2005 - 2008]

Scientific research activities:

Collaborator on mosquito monitoring and research projects and insect biodiversity research in Kopački Rit Nature Park.

Teaching activities:

General Zoology; Field Course I; Entomology

Josip Juraj Strossmayer University of Osijek, Faculty of Education - Croatia, Osijek

Professional Associate in the System of Science and Higher Education

[2001 - 2005]

Scientific research activities:

Collaborator on mosquito monitoring and research projects in Osijek, Osijek-Baranja County, Slavonski Brod, and insect research in Kopački Rit Nature Park.

Teaching activities:

General Zoology; Field Course I; Entomology

EDUCATION & TRAINING

Project Management Assistant (2023)

EDUNOVA – Adult Education Institution [08/04/2023 - 30/09/2023]

City: Osijek | Country: Croatia

Website: <https://www.edunova.hr/> | Field(s) of study: Economy: | Level in EQF: 4 | National classification: 4.2 |

Type of credits: CSVET | Number of credits: 14

Master of Science (MSc) in Natural Sciences – Biology (2010)

Josip Juraj Strossmayer University of Osijek & Ruđer Bošković Institute, Zagreb

Address: Trg Sv. Trojstva 331000, Osijek (Croatia) | Website: <http://zpio.unios.hr/studiji/poslijediplomski-studij/> |

Field(s) of study: Natural sciences: | Level in EQF: 8 | National classification: 8.1

Master's thesis:

Impact of Natural and Artificial Light on the Behavior and Activity of Mosquitoes (Diptera, Culicidae) in Urban and Forest Areas of Eastern Croatia

Professional Training (2004)

EID Méditerranée [13/04/2004 - 15/04/2004]

Address: 165 Rue Paul Rimbau34000, Montpellier (France) | Website: <http://www.eid-med.org/>

Professor of Biology and Chemistry

Josip Juraj Strossmayer University of Osijek, Faculty of Education

Address: Lorenza Jagera 931000, Osijek (Croatia) | Website: <https://www.ffos.unios.hr/> | Field(s) of study: Biology,

Chemistry: | Level in EQF: 7 | National classification: 7 | Thesis: Komarci i svjetlost

LANGUAGE SKILLS

Mother tongue(s): Croatian

English

LISTENING: B2 **READING:** B2 **WRITING:** B2

SPOKEN PRODUCTION: B2

SPOKEN INTERACTION: B2

SKILLS

Internet | MS Office (Word Excel PowerPoint) | Drutvene mree | Word | Rad na raunalu | Windows | Microsoft Word | Microsoft PowerPoint | Drutvene mree (razliite platforme) | Komunikacijski programi (Skype Zoom TeamViewer) | Izvršno sluenje MS Office paketom (Word Excel PowerPoint) | Informacije i komunikacija (pretraivanje interneta) | Vjeto baratanje Microsoft Office alatima (Word Excel Power Point) | Microsoft Excel | Timski rad

PUBLICATIONS

ZNANSTVENI RADOVI

CroRIS: <https://www.croris.hr/osobe/profil/29987>

STRUČNI RADOVI

CroRIS: <https://www.croris.hr/osobe/profil/29987>

KONGRESNA PRIOPĆENJA, POSTERI; SEMINARI

CroRIS: <https://www.croris.hr/osobe/profil/29987>

NETWORKS AND MEMBERSHIPS

- Croatian Entomological Society (Member of the Executive Board)
- European Mosquito Control Association
- Slagalica Foundation – Philanthropists' Club
- ALUMNI BioloOS
- DDD and ZUPP Scientific-Professional-Educational Seminar (Member of the Scientific Committee)

SOCIAL AND POLITICAL ACTIVITIES

[Current] Croatia

Humanitarian Work (2012 – present) Founder and Head of the Osijek branch of the Parents of Premature Babies Association “Palčići” (2012–2017).

Initiated and organized numerous counseling sessions, lectures, workshops, fundraising campaigns, and procurement of medical equipment for neonatal care.

<https://klinfo.rtl.hr/izlog/vijesti/otvara-se-klub-roditelja-nedonosjadi-palcici-u-osijeku/>

http://www.osijek031.com/osijek.php?najava_id=38256

<http://www.glas-slavonije.hr/170442/3/Humanitarna-akcija-za-bebe-koje-su-rodjene-prije-vremena>

<https://www.facebook.com/palcici/posts/1097549603590557/>

<https://www.facebook.com/Pal%C4%8Di%C4%87i-Osijek-217239055054599/>

http://www.osijek031.com/osijek.php?najava_id=44924

<https://www.pixsell.hr/agencija/pxl-standard-news/osijek-palcici-dobili-inkubator-uzv-galerija-225703/>

<http://www.glas-slavonije.hr/186641/3/Novi-inkubator-i-ultrazvucni-uredjaj-za-bolju-skrb-o-nedonosjadi>

<https://www.vecernji.hr/vijesti/palcic-gore-osjeckoj-pedijatriji-osiguraovrijednu-donaciju-496661>

<https://palcici.hr/index.php/novosti/detaljnije/U-pet-godina-uspjeli-ono-sto-ni-drzava-nije>

<http://vjecanja.story.hr/sajam/medunarodni-dan-svjesnosti-o-prijevremenom-rodenju/>

<https://sib.net.hr/galerije/vijesti/osijek/2722231/u-osijeku-obiljezen-svjetski-dan-prijevremeno-rodenedjece/?slika=3145811>

Member of the Lions Club Mursa Osijek, an international humanitarian organization (2016–2021).

<http://www.glas-slavonije.hr/376510/3/Lionsice-pustile-balone-crkva-zvonila>

<https://www.youtube.com/watch?v=NOexVdfpLUA>

<https://www.lions.hr/vijesti/>

https://arhiva.lions.hr/vijesti/lc_mursa_osijek_svecano_otvorena_izlozba_poster_mira_pod_motom_ljubaznost_20182019

<https://www.roditelji.hr/vijesti/nagradeni-posteri-mira-izrazavaju-djecju-empatiju-i-ljubav/>
<https://www.glas-slavonije.hr/416119/3/Izlozba-Poster-mira-u-galeriji-Waldinger>
http://www.osijek031.com/osijek.php?najava_id=84797
https://lions.hr/vijesti/odrzana_zavrsna_svecanost_i_izlozba_poster_mira_putem_zooma

DRIVING LICENCE

Driving licence: B

PROJECTS

PROJEKTI SCIENTIFIC AND PROFESSIONAL PROJECTS

2025 – 2029 Development and Neurobiological Basis of the Action of Natural Mosquito Repellents for Sustainable Development: Integrating Scientific Knowledge and Teaching Practice (REPEL) – *Project collaborator*

2024 – 2026 *Pour Out the Water So They Don't Bite Us*

2025 Mosquito Monitoring and Education on Invasive Tiger Mosquitoes in Primary Schools of Vukovar-Srijem County (2025) – *Project collaborator*

2024 – 2026 Mosquito Monitoring and Research in the City of Ilok (2024, 2025 and 2026) – *Project collaborator*

2024 Mosquito Monitoring and Education on Invasive Tiger Mosquitoes in Primary Schools of Vukovar-Srijem County (2024) – *Project collaborator*

2023 – 2024 Comparison of Abundance and Vector Roles of Native and Invasive Mosquito Species in Eastern Croatia – *Project collaborator*

2023 Mosquito Monitoring and Research in the City of Ilok (2023) – *Project collaborator*

2023 Mosquito Monitoring and Research and Public Education in Vukovar-Srijem County (2023) – *Project collaborator*

2022 – 2023 Diversity and Distribution of Beetles (Coleoptera: Dytiscidae, Hydrophilidae, Lucanidae, Cerambycidae) – *Project collaborator*

2022 Mosquito Monitoring and Research in the City of Ilok (2022) – *Project collaborator*

2022 Mosquito Monitoring and Research and Public Education in Vukovar-Srijem County (2022) – *Project collaborator*

2021 – 2023 Enhancement of Existing and Establishment of New Capacities for Housing and Care of Animals in the Unikom Ltd. Animal Recovery Centre – Zoological Garden Unit: Development and Implementation of an Educational Programme for Secondary School Student Professional Training – *Institutional project leader*

2021 – 2022 Determination of the Presence of Arboviruses in Mosquitoes in Osijek-Baranja County – *Project collaborator*

2021 Mosquito Monitoring and Research and Public Education in Vukovar-Srijem County (2021) – *Project collaborator*

2020 Mosquito Monitoring and Research and Public Education in Vukovar-Srijem County (2020) – *Project collaborator*

2020 Mosquito Monitoring in Osijek-Baranja County (2020) – *Project collaborator*

2019 Strategic Guidelines for Mosquito Control in Osijek-Baranja County (2019–2020)

2019 Diversity and Distribution of Beetles (Coleoptera: Lampyridae, Dytiscidae, Hydrophilidae)

2016 – 2020 Monitoring and Research of Invasive Tiger Mosquitoes in Vukovar-Srijem County – *Project collaborator*

2015 – 2017 Mosquito Monitoring and Research, Development of a Forecasting Model, Management of the Mosquito Control System and Evaluation of Treatment Effectiveness in the City of Osijek – *Project collaborator*

2015 Mosquito Monitoring and Research in Međimurje County (2015) – *Project collaborator*

2015 Mosquito Monitoring in the Municipality of Čepin (2015) – *Project collaborator*

2014 Development of Educational Panels (Insects, Mosquitoes, Fish, Amphibians, Reptiles, Birds, Mammals, Molluscs, Vegetation and Long Jump) – *Project collaborator*

2014 Mosquito Monitoring and Research in Međimurje County (2014) – *Project collaborator*

2014 Mosquito Monitoring in Flood-Affected Areas of Vukovar-Srijem, Brod-Posavina, Požega-Slavonia and Sisak-Moslavina Counties (2014) – *Project collaborator*

2012 Monitoring and Research of Invasive Tiger Mosquitoes in Vukovar-Srijem County (1 July 2011 – 30 June 2012) – *Project collaborator*

2011 Mosquito Monitoring in the City of Osijek and Osijek-Baranja County (2011) – *Project collaborator*

2006 – 2011 Mosquito Monitoring and Research in Vukovar-Srijem County – *Project collaborator*

2002 – 2009 Mosquito Monitoring and Research in the City of Vinkovci – *Project collaborator*

2002 – 2005 Mosquito Monitoring and Research in Osijek-Baranja County – *Project collaborator*

2001 – 2012 Mosquito Monitoring and Research in the City of Osijek – *Project collaborator*

2002 – 2014 Entomofauna of Kopački Rit Nature Park – *Project collaborator*

2001 Impact of War on the Fauna of Kopački Rit – *Project collaborator*

Link: <https://www.croris.hr/osobe/profil/29987>

HONOURS AND AWARDS

[30/10/2013] Osijek-Baranja County

“Charter of Humanity” MSc Ivana Vrućina (“Charter of Humanity” of Osijek-Baranja County, 2013)

Children are the future of humankind. The cry of a newborn brings joy to the family into which the child is born. However, the joy of birth can turn into fear and concern after a premature delivery. A child is a joy, but also a responsibility—too small to care for itself. A prematurely born child is particularly vulnerable in the period immediately after birth and in early development. How can we help children who, from the very beginning of life, fight for their fragile survival? How can we help parents assume their increased responsibility? How can we raise social awareness and adapt legislation to the needs of prematurely born and ill children who cannot endure the delays and waiting prescribed by the formal healthcare system?

In this work, both parents and professionals from various fields of medicine must come together with the shared goal of long-term improvement of the health of newborns and prematurely born children by ensuring the best possible prevention, treatment, care, and support. Parental love and care are an irreplaceable part of healing. For this very reason, united by the common interests of prematurely born children and their families, parents of such children in Croatia founded the *Palčiči* (Little Fingers) Club for Parents of Premature Babies, which helps parents of prematurely born children with advice, knowledge, and medical care for the smallest patients. The *Palčiči* Club has grown into a comprehensive support system for these parents.

By initiating the establishment and work of the Osijek branch of the *Palčiči* Club, Ivana Vrućina from Osijek became a pioneer of this initiative. How many counseling sessions, lectures, and workshops, contacts with pediatricians, and promotions of breastfeeding this young mother initiated and organized; how many humanitarian actions and projects through which this activity was promoted and funds were raised for the procurement of medical equipment needed by these children—this is best known to those who work closely with her. It is also known to our fellow citizens who eagerly await the Croatian translation of the book by foreign authors *“Everything We Need to Know About Premature Babies from Birth to the First Year,”* the first book on this topic in the Croatian language, whose translation and publication she initiated and organized.

Human support and assistance are inseparable components of a humane society. The activities of this Club, led in Osijek by Ivana Vrućina, clearly demonstrate this. Therefore, “Thumbs up” for the work of the association, and the “Charter of Humanity” of Osijek-Baranja County to MSc Ivana Vrućina for organizing and providing assistance in the care of prematurely born children.

https://obz.hr/pdf/razno/javna_priznanja_obz_2016.pdf

<https://www.glas-slavonije.hr/215107/3/Povelju-humanosti-dobilo-27-laur>

https://www.osijek031.com/osijek.php?topic_id=47658

Award for Excellence in Professional Work 2021/2022

26 January 2023, Josip Juraj Strossmayer University of Osijek, Department of Biology

Award for Excellence in Science Popularization and Promotion of the Department of Biology 2021/2022

26 January 2023, Josip Juraj Strossmayer University of Osijek, Department of Biology

Award for Excellence in Professional Work 2022/2023

<https://www.biologija.unios.hr/kvaliteta/izvrsnost-na-odjelu-za-biologiju-29-02-2024/>

Award for Excellence in Science Popularization and Promotion of the Department of Biology 2022/2023

<https://www.biologija.unios.hr/kvaliteta/izvrsnost-na-odjelu-za-biologiju-29-02-2024/>

Award for Excellence in Professional Work 2023/2024

<https://www.biologija.unios.hr/kvaliteta/nagrada-za-izvrsnost-odjela-za-biologiju-27-02-2025/>

• ORGANISATIONAL SKILLS

• ORGANISATIONAL SKILLS

- Participation in organizing the 6th International Symposium of the Croatian Entomological Society (October 2025)
- Extensive experience in managing humanitarian projects
- Organization of conferences, workshops, lectures, educational programs, and public outreach activities
- Participation in organizing international scientific workshops and congresses
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