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**WoS:** 49/41cc papers, 399 citations, h-index: 12; (25 October, 2017)

**Scopus**: 55 papers, 432 citations, h-index: 12; (25 October, 2017)  
**Google Scholar**: papers, 585 citations; h-index: 14; (25 October, 2017)

# ISTRAŽIVAČKE TEME / EXPERTIZE

**Biotechnology/**

**Aquaculture**

Znanstvena istraživanja molekularnih i fizioloških aspekata vodnih organizama (ribe. rakovi, školjkaši, alge) radi unaprijeđenja tehnologije uzgoja, uvođenja novih vrsta te istraživanja ekoloških pristupa akvakulturnoj proizvodnj.

1. *Diagnostika*

* Razvoj, unaprijeđenje,i prilagodba novih dijagnostičkih metoda/tehnika

za procjenu i otkrivanje fizioloških/metaboličkih reakcija

* Razvoj i procjena bioloških indikatora stresa za postojeće i

novouvedene vrste

* Razvoj bioloških markera za detektiranje disbalansa ekosustava na različitim razinama biološke organizacije

*Procjena fiziološkog statusa* – Hematološki I biokemijski parametri: **metaboliti** TP, ALB, GLOB, CHOL, TRIG, GLU, BUN, NH3, TBIL, CREA; **enzimi:** ALKP, CK, ALT, AST, GGT, LDH, **hormoni:** T4, cortisol, steroid hormones; carcass composition and essential fatty acids); cilj: postizanje referentnih vrijednosti ektotermnih organizama (FW, SW) kao marker fiziološkog statusa. Određivanje odstupanja određenih tkivnih biokemijskih parametara istraživanih vrsta od fizioloških intervala obzirom na promjene biotskih i abiotskih okolišnih faktora (bolesti, hrana, stanja ekosustava)

1. *Imunomodulatori*

Utjecaj imunomodulatora na imunološki sustav (obrana Ireakcija organizama koji žive u void, razvoj novih imunomodulatorabioaktivnih supstanci/molekula za upotrebu u akvakulturi

*Nove vrste u akvakulturi*  
Uvođenje, razvoj i harmonizacija metoda u svrhu boljeg poznavanja fizioloških procesa novouvedenih vrsta u uvjetima uzgoja, prilagodbe postojećih tehnologija novim vrstama te unaprijeđenje kvalitete i zdravlja makrobiota.Prilagoditi i unaprijediti sustave uzgoja za makr i mikroalge

**Aquaculture/**

**Environment** Ekološki i molekularni pristup će značajno doprinijeti boljem razumijevanju interakcije akvakulture I okoliša sa kemijskog I biološkog aspekta

1. Mikrobiološka istraživanja  
   Istraživanje mikrobioma vodenih ekosustava molekularnim metodama za karakterizaciju mikroorganizama u okolišu
2. Ispitivanje toksičnosti

* Procjena potencijalne toksičnosti prirodnih spojeva uz pomoć brojnih biotestova kojma će se testirati učinci na različitim razinama biološke organizacije (primjena bakterijskih sojeva, akvatičnih i terestrijalnih vrsta kao modelnih organizama u procjeni bioaktivnih supstanci)

Unapijeđenje postojećih i razvoj novih biomarkera za testiranje širokog spektra potencijalno toksičnih spojeva

# ZAPOSLENJA

2012 - present INSTITUT **rudjer boskovic, zagreb**

Znanstveni savjetnik, voditelj Laboratorija

**Imunomodulatori - Utjecaj imunomodulatora na imunološki sustav (obrana Ireakcija organizama koji žive u void, razvoj novih imunomodulatorabioaktivnih supstanci/molekula za upotrebu u akvakulturi**

**Nove vrste u akvakulturi - Uvođenje, razvoj i harmonizacija metoda u svrhu boljeg poznavanja fizioloških procesa novouvedenih vrsta u uvjetima uzgoja, prilagodbe postojećih tehnologija novim vrstama te unaprijeđenje kvalitete i zdravlja makrobiota.Prilagoditi i unaprijediti sustave uzgoja za makr i mikroalge**

2008 - 2012 INSTITUT **rudjer boskovic, zagreb**

Viši znanstveni suradnik**,** Voditelj Laboratorija

**Razvoj, unaprijeđenje,i prilagodba novih dijagnostičkih metoda/tehnika za procjenu i otkrivanje fizioloških/metaboličkih reakcija; razvoj i procjena bioloških indikatora stresa za postojeće i novouvedene vrste; razvoj bioloških markera za detektiranje disbalansa ekosustava na različitim razinama biološke organizacije**

2004 – 2007 **INSTITUT** rudjer boskovic, zagreb

Znanstveni suradnik, Voditelj Laboratorija

* **Razvoj, uvođenje i prilagodba novih dijagnostičkih metoda/tehnika radi procjene i otkrivanja fizioloških/metaboličkih reakcija**
* **Razvoj i procjena bioloških indikatora stresa - *Assessment of physiological status***

1989-2003 **INSTITUT** rudjer boskovic, zagreb

Znanstveni asistent

Viši znanstveni asistent

* Utvrđivanje Biokemijskih/kemijskih profila (metabolita, enzima, hormona, carcass composition riba I rakova, Sea water challenge test of coho salmon)

1984-1988 **“Sljeme” – VANJSKA TRGOVINA**

Komercijalni menađer

# EDUCATION

**Academic**

1992 - 1997 **UNIVERSITY OF ZAGREB, FACULTY OF VETERINARY MEDICINE, ZAGREB,**

PhD in Biomedical Sciences:

**Dissertation Title: Influence of physical and chemical water quality at the level of diploid and triploid coho salmon (Oncorhynchus kisutch, Walbaum) blood enzymes**

1989 – 1991 **UNIVERSITY OF ZAGREB, FACULTY OF VETERINARY MEDICINE, ZAGREB,**

MSc in Oceanology

Thesis Title: Biochemical changes in coho salmon (*Oncorhynchus kisutch*, Walbaum) tissue occurred during transfer from fresh to salt water

1975-1982 **UNIVERSITY OF ZAGREB, FACULTY OF VETERINARY MEDICINE, ZAGREB,**

Doctor of Veterinary Medicine, DVM

**Broad-based education in all of the veterinary medicine subjects with training to develop an area of greater expertise. Comprehensive, interdisciplinary curriculum with strong foundation in biomedical and clinical disciplines.**

OTHER

2017 **Tečaj – Certifikat stručnosti**

VETERINARSKI FAKULTET SVEUČILIŠTA U ZAGREBU

**Program Tečaja za osobe koje rade sa pokusnim životinjama; Certifikat stručnosti za planiranje i brigu o pokusima koji se izvode na životinjama (categorija C); HR 191/01 / P (14.3.2017),2017.**

**Shellfish farming -abalone (*Haliotis midae*), professional visit related to breeding, Hermanus, JAR 1.7.2017.**

2017 **Workshop/ Bioeconomy**

CONFERENCE ON MARINE BIOPROSPECTING BIOPROSP\_17, BIOPROSP\_17, 7th International conference on marine bioprospecting, Marth, 8th - 10th, Tromsø, Norway

2015 ***Workshop 1: Disruptive Bio-Technologies;***

***Workshop 2:* Biotech as business**

CONFERENCE ON MARINE BIOPROSPECTING BIOPROSP\_15

BIOPROSP\_15, 7th International conference on marine bioprospecting, February 18th - 20th, Tromsø, Norway

***Pre-Conference Workshop 1: Disruptive Bio-Technologies***

**Interaktivni workshop u kojem se diskutiralo o razornim tehnologijama te negativnom utjecaju na morski bioprospecting, bioeconomiju i povezana područja znanosti *Pre-Conference Workshop 2*: Biotech as business - how to develop leads to the market?, Ovaj workshop je bio fokusiran na elemente koji su uključeni u ostvarivanje profitabilnih ideja na tržištu**

2015 ***Workshop*: Fish health in mediterranean aquaculture, past mistakes and future challenges**

**Cilj workshop-a je integriranje znanja i aktivnosti koja su provedena od strane drugih organizacija (EA Tip, EAS, FEAP) sa znanjima eksperata i stručnjaka na workshop-u.**

2011. **Workshop: *Immunostimulation* ,**

EUROPEAN ASSOCIATION OF FISH PATHOLOGISTS, 15TH EAFP INTERNATIONAL CONFERENCE ON DISEASES OF FISH AND SHELLFISH, SPLIT.

2009 *Workshop:* Zoonotic Infections from Fish and Shellfish

CENTRAL VETERINARY INSTITUTE OF WAGENINGEN, NRL FOR FISH AND SHELLFISH DISEASES, NETHERLANDS at the EAFP INTERNATIONAL CONFERENCE ON DISEASES OF FISH AND SHELLFISH, SPLIT, PRAG, CZECH REPUBLIC

2009 *Workshop*: Gill Health

UNIVERSITY COLLEGE , FACULTY OF BIOSCIENCES AND AQUACULTURE, NORWEGIAN at the EAFP INTERNATIONAL CONFERENCE ON DISEASES OF FISH AND SHELLFISH, SPLIT, PRAG, CZECH REPUBLIC

2004 Tečaj – Certifikat stručnosti

GRADUATE SCHOOL OF ECONOMICS AND BUSINESS, UNIVERSITY OF ZAGREB

Marketing, Human resources, Management, Legal Issues and financial Analysis and Project Evaluation for the R& D Institutes -COOPERATION PROGRAMME

2002-2003 Tečaj – Certifikat stručnosti

VETERINARY RESEARCH INSTITUTE, BRNO, CZECH REPUBLIC

Internet-based distance workshop on Good Research Practice; communication, databases (PUBMED, BioMail, WOS), CENTAUR network, ethics in scientific research

1984-1988 Certifikat prava rada u vanjskoj trgovini

Fakultet vanjske trgovine

# research Visits and fellowships

2017 **SELLFISH FARMS, ABALONE (*HALIOTIS MIDAE*), SOUTH AFRICAN REPUBLIC**

**Tečaj vezan za uzgojne tehnologije**

2003 **THE NETHERLANDS INSTITUTE FOR FISHERIES RESEARCH – IJMUIDEN I YERSEKE, THE NETHERLANDS**

**Razvoj, uvođenje i prilagodba novih dijagnostičkih metoda /tehnika za procjenu i otkrivanje fizioloških/metaboličkih reakcija**

**CENTRAL INSTITUTE FOR ANIMAL DISEASE CONTROL - LELYSTAD, THE NETHERLANDS**

**Razvoj, uvođenje i prilagodba novih dijagnostičkih metoda /tehnika za procjenu i otkrivanje fizioloških/metaboličkih reakcija**

1991-1992ODJEL ZA ANATOMIJU I EMBRIOLOGIJU, MEDICINSKI FAKULTET SVEUČILIŠTA U ZAGREBU

Dvogodišnja specijalizacija vezana za histolološke i patohistološke metode / tehnike i tumačenja rezultata

1990 **UNDP SCHOLAR**, **U.S.FISH AND WILDLIFE SERVICES, NATIONAL FISHERY RESEARCH CENTER, NAVAL STATION, CANADA**

**Specijalizacija i istraživanja vezana za patologiju, histologiju I histokemiju organizama u vodi**

1990 **UNDP SCHOLAR, DEPARTMENT OF FISHERIES AND OCEANS, WEST VANCOUVER LABORATORY, VANCOUVER, CANADA**

Specijalizacija i istraživanja vezana za patologiju, histologiju I histokemiju organizama u vodi

1990 UNDP SCHOLAR - NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL MARINE FISHERIES SERVICES, SEATLE WA, USA; FISH PRO.INC. PORT ORCHARD, WA, USA

Kratka edukacija – histologija/histopatologija organizama u vodi

# projects

**PROJECTS IN IMPLEMENTATION**

**2018 - 2019**  Interreg Adriatic-Ionian Programme INTERREG V-B Transnational 2014-2020**,** BIO- ECOnomy Research Driven Innovation (**BIOECO-R.D.I.**), WP leader, ( € 1,385.000)

**2017 – 2022 Bioprospecting of the Adriatic Sea**, ERDF fond (European Regional Development Fund), Principal investigator, (5,000.000 €)

**2017-2022** HORIZON 2020, **PerformFISH** - Research and Innovation Framework Programme SFS-21-23-2016-2017: Consumer driven production: Integrating innovative approaches for competitive and sustainable performance across the Mediterranean aquaculture value chain, Principal investigator of RBI related research

**2017-2020:** **INAgip**: Environment protection measures and environment monitoring programme (3,559.934 kn)

**2016 -2017:** **Project:** **Assessment and revision of existing water quality standards for specific pollutants: arsenic, copper, zinc, chromium and their compounds,** HRVATSKE VODE - legal entity for water management

**2015-2020**: **Center of excellence for marine Bioprospecting**, (Bioprospecting platform), (2,500.000 kn), Principal investigator

**2014-2016**: **Panonic Wood Center of Competence** (Panonski drvni centar kompetencija (PDCK), ( € 7,000.000), European Regional Development Fund, ERDF, Principal investigator of RBI related research

**2012-2014:** Council for the Agriculture Research (Vijece istrazivanja u poljoprivredi) project within the Ministry of Agriculture: **Enhancement of fish production via probiotic administration, in function of enhancing competitiveness**, (176.000,00 HRK), Principal investigator

**2008-2010**: Breeding and Selection in Aquaculture, **Repopulation of Autochthonous Brown Trout in the Gacka River**., Outcome: Successful breeding of genetically determined (Danubian mitochondrial haplotypes) autochthonous brown trout from Gacka river; successful reproduction of the population as the basis for further stocking and other experiments. (200.000,00 HRK), Co-author

**2008-2010**: Council for the Agriculture Research (Vijece istrazivanja u poljoprivredi) project within the Ministry of Agriculture, Forestry and Water Management: **Protection of Mali Ston oyster production by verification of its autochthony**. Outcome: 8 different haplotypes of oyster populations were identified and entered in GenBank; genetic diversity preserved; stocking technologies enhanced. (335.000,00 HRK), Co-author

**2008-2010**: **Breeding and Selection in Aquaculture**, **Fishery 1961**;, 8 participants; Outcome: Health status of carp (breeding stock and genetically screened fingerlings) maintained; bacterial diseases addressed and preventive strategies designed; genetic markers for the selection of breeding stock identified; improvements for carp farming suggested (continuation of the previous project) (345.000,00 HRK), Principal investigator

**2007-2008**: **PHARE project**: Business-related infrastructure grant scheme **Trout & Tourists**; Participants: Rudjer Boskovic Institute, Croatian Center for Indigenous Species of Fish and Crayfish in Karstic Waters - Otocac, Gacka d.o.o., Croatian Chamber of Economy – Otocac County Chamber, Tourist Board of the Town of Otocac; Outcome: Reconstruction of the fish breeding center and facilities, equipping, establishment of the organizational structure of the Center and staff training, strengthening managerial capacities of the Center, (EUR 630.222.85), Principal investigator of RBI related research

**2006-2008**: Breeding and Selection in Aquaculture: **Breeding and Selection in Aquaculture**, **Fishery 1961**; 8 participants; Outcome: Health status of carp (breeding stock and genetically screened fingerlings) maintained; bacterial diseases addressed and preventive strategies designed; genetic markers for the selection of breeding stock assayed. (230.000,00 HRK), Principal investigator

**2006-2008:** Breeding and Selection in Aquaculture: **Breeding and selection of brook trout in rivers Vrnjika and Dretulja**, 8 participants; Outcome: Fish health strategies designed, bacterial pathogens investigated; eradication strategies suggested (240.000,00 HRK), Principal investigator

**2006-2009**: National Park Plitvice Lakes/**Ministry of Environmental Protection, Physical Planning and Construction: Determination of genetic structure and restoration of autochthonous population of brown trout in the National Park Plitvice Lakes**; Outcome: publication with final report on scientific findings. (630.940,00 HRK), Principal investigator

**2007-2012:** Ministry of Science, Education and Sports: **Subcellular biochemical and phylogenetic diversity of aquatic organisms within the Program Freshwater Ecosystems and Fisheries** within the Programme with the University of Zagreb, Faculty of Agriculture (Grant No. 098-1782739-2749); Outcome: Significant scientific findings in the fields of microbiology, blood biochemistry, molecular biology, immunology. (210.000,00 HRK), Principal investigator

**2005-2007**: Council for the Agriculture Research (Vijece istrazivanja u poljoprivredi) project within the Ministry of Agriculture, Forestry and Water Management: **Model of revitalization and farming of brown trout**; 6 participants; Outcome: A model of recovery of autochtnonous brown trout population suggested. (338.000,00 HRK), Principal investigator

**2003-2005**: World Bank Business Plan: **Authorized Diagnostic Center for Aquatic Animal Diseases**, Outcome: equipping of the laboratory facilities with the state of the art equipment. (USD 172.000), Principal investigator

**2002-2005**: Ministry of Science and Technology: **Biochemical and Molecular Fish Reaction Associated with Changes of Ecosystem** (Grant No. 0098129); Outcome: Significant scientific findings in the fields of microbiology, blood biochemistry, molecular biology, immunology. (250.000,00 HRK), Principal investigator

**1998-2003** Croatian National Monitoring Program: **Systematic exploration of the Adriatic Sea as a basis for sustainable development of the Republic of Croatia**, associates

**1996-2002** MZT Project: **Organism, the water quality bioindicators in which they live**, no. 00981506, within the Environmental Risk Research Program in the Adriatic and Land Areas of Croatia, associates

**1995** MZT Project: **Pathology, Genetics and Nutrition of aquatic organisms**, no., br. 108115, associates

**1995-1997** Investigation Contract on Lake Vrana (Cres Island) between RBI and the Croatian Water Management Company, associate

**1990-1995** - Biotechnology, Genetics and Nutrition in Aquaculture: UNDP/FAO, Rome, Italy, **Managing the Biological Resources of the Adriatic Sea- Aquaculture of Salmonids**, Department of Fisheries and Oceans, West Vancouver Laboratory, West Vancouver

**PROJECT PROPOSAL UNDER EVALUATION**

* Center of competence for KET technology, CEKET (Ministry of Economy), Principal investigator
* Center of competence 3LJ, TRILJ-IRB, (Ministry of Economy), Principal investigator of RBI (partner) related research
* Centar of competence “Plavo-zeleni centar”, Zadar-RBI, (Ministry of Economy), Principal investigator of RBI (partner) related research
* Center of competence „Center of Competence in Health Tourism Products and Services”, Co-author of RBI (partner) related research
* MEDIPOINT-IRB-UNIRI (Ministry of science and education), Principal investigator of RBI (partner) related research
* HERD Maritime, new programme in Higher Education, Research and Development for the Maritime Sector in the Western Balkans, Norway: A step towards a more sustainable fishery management in Croatia (CRONOFISH), Principal investigator of RBI (partner) related research

# EDUCATION

**Lecturing**

2005< Sveučilišni poslijediplomski interdisciplinarni doktorski studij “Molekularne bioznanosti” Sveučilište u Dubrovniku, Sveučilište Josipa Jurja Strossmayera u Osijeku i Institut “Ruđer Bošković” – modul: Biologija mora, kolegij: Ribe u biomedicinskim istraživanjima, nositelj nastave

1999< **“**Ihtiohematologija“ na poslijediplomskom studiju iz “Ribarstva“, Agronomskog fakulteta Sveučilišta u Zagrebu, nositelj nastave

1999< “Anatomija, Embriologija i Fiziologija“ na poslijediplomskom studiju iz Ribarstva Agronomskog fakulteta Sveučilišta u Zagrebu, nositelj nastave .

**Mentoriranja**

*MSc students:*

* Slavica Čolak : Pojavnost parazita cimotoidnog jednakonošca *Ceratothoa oestroides* (Risso, 1926), na uzgojenom lubinu (Dicentrarchus labrax L.1758), 2009, 1-120

*PhD students*:

* Margita Jadan: Genska struktura populacija potočne pastrve (Salmo trutta L.) krških rijeka. Prirodoslovno-matematički fakultet, Sveučilišta u Zagrebu, 2008, 1-92.
* *Martina Cigrovski Mustafić*: Biokemijski I histološki profile roda Salmo u krškim rijekama. Prirodoslovno-matematički fakultet, Sveučilišta u Zagrebu, 2012, 1-149.
* *Slavica Čolak:* Biokemijski profil hemolimfe triju vrsta dekapodnih rakova. Agronomski fakultet Sveučilišta u Zagrebu, Poslijediplomski studij Ribarstvo, 2011, 1-130.
* *Josip Barišić:* Varijacija masnokiselinskog sastava lipidnih frakcija I antioksidativni status europske plosnate kamenice (Ostrea edulis L.) tijekom godine. Sveučilište Josipa Jurja Strossmayera u Osijeku, Sveučilište u Dubrovniku, Institut Ruđer Bošković, Poslijediplomski interdisciplinarni studij Molekularne bioznanosti, 2015, 1-178.

# Organization of conferences & workshops

**2016** - **Organization of workshop Zadar**: Bioprospecting of the Adriatic Sea, invited lecture

**2004-2016** - **Organisation of 8 National and 3 International Professional and Scientific Conferences on Autochthonous Karstic Species, Otočac** – invited lectures

**2014** - Organisation of conference: **Science meets Economy,** Introduction lecture

**2012<** Organization (as a Chairperson of Business and Industry Advisory Committee) of multiple meetings with domestic and foreign investors and companies interested in scientific applications.

# Memberships

* Predsjednica Savjeta za gospodarstvo, RBI, 2012<
* Članica Povjerenstva za strukturni fond, RBI, 2012<
* **“Matični odbor za polje veterinarske medicine”;** Member of the State Committee for Biomedicine and Health - the field of veterinary medicine at the Agency for Science and Higher Education (2010-2014)
* Članica Povjerenstva za zaštitu Autohtonih riba i rakova krških voda u rijeci Gackoj**,** 2008<
* Predstavnica IRBa u prehrambenom klasteru pri Agenciji za investicije i konkurentnost, 2012<
* European Inland Fisheries Advisory Commission (EIFAC), Food and Agriculture, Organization of the United Nations
* European Association of Fish Pathologists (EAFP)
* Microbiology Society,
* «Matica Hrvatska», 2008<
* European Commission portal for independent expertise in connection with the Horizon 2020 program (2014)
* AgriFoodResearch Network, The European Agricultural and food Research Landscape
* Permanent Advisory Network for Diseases in Aquaculture (PANDA)
* BiomedExperts (PubMed)
* Hrvatsko veterinarsko društvo-893/Societas Veterinaria Croatica, 2000<

# Reviewing

* **Journals:** Aquaculture, Fish Physiology and Biochemistry; Journal of Applied Ichthyology, Journal of Agricultural Science and Technology, Aquaculture Research, Croatian Journal of Fisheries/Ribarstvo, Research in Veterinary Science, Academic Journals-AJAR, Journal of Applied Aquaculture, Veterinarski Arhiv, Turkish Journal of Fisheries and Aquatic Sciences, Biochemical Systematics and Ecology,
* **Conferences (international):** 8th, 9th, 13th International Agronomy Symposia
* **Conferences (local):** Review Editor for the 48, 49, 53rd Croatian Agronomy Symposia
* **Book:** Mini farme puževa, 2004 autor Vlatko Milanović; Govor tijela kućnih ljubimaca, 2008, autori Jasna Obradović I Tajana Obradović
* **Projects evaluation for Ministry of Education and Science of Republic of Macedonia**
* **Evaluacija Programa TEST (tehnologijsko razvojno-istraživačkih projekata) pri Ministarstvu znanosti, obrazovanja i sporta**

# Organisation and management

* Osnivačica Laboratorija za ihtiopatologiju – biološke materijale 2002, preimenovan u Laboratorij za Biotehnologiju u akvakulturi (LAB), (
* Predsjednica Savjeta za gospodarstvo IRBa (2012<)
* Članica Znanstvenog vijeća IRBa (2017<)
* Predsjednica Znanstvenog vijeća struke – ostala područja znanosti; tehničke i biotehničke znanosti (2017<)
* Članica Povjerenstva za strukturne fondove

# FELLOWSHIPS AND AWARDS

* **2016 – Godišnja nagrada IRBa** za znanstvenu izvrsnost – *Posebno priznanje za izniman doprinos znanstvenoj izvrsnosti i prepoznatljivosti IRB-a*
* **2014 - ARCA – 12th International innovation Exhibition, bronze plaque** **for scientific work: Immunomodulator in aquaculture**
* **2008** - **Acknowledgement from the City of Otočac** for organization of scientific-professional conferences in Otočac
* **2008** - **Acknowledgement for contribution in development of the Croatian Centre** **for Autochthonous Species of Fish and Crustaceans of Karstic Waters**
* **1990 -** **UNDP/FAO – fellowship**, Depatment of Fisheries and Oceans , West Vancouver Laboratory, Vancouver, Canada; U.S.Fish and Wildlife Service, National Fishery Research Centre, Naval Station

# 15 Representative PUBLICATIONS

# (QUARTILE + wOS CITATIONS)

1. TOPIĆ POPOVIĆ N, KAZAZIĆ S, STRUNJAK-PEROVIĆ I, **ČOŽ-RAKOVAC R** (2017): Differentiation of environmental aquatic bacterial isolates by MALDI-TOF MS. Environmental Research, 152, 7-16. **(Q1)**
2. BABIĆ S, BARIŠIĆ J, VIŠIĆ H, SAUERBORN KLOBUČAR R, TOPIĆ POPOVIĆ N, STRUNJAK-PEROVIĆ I, **ČOŽ-RAKOVAC R**, KLOBUČAR G (2017): Embryotoxic and genotoxic effects of sewage effluents in zebrafish embryo using multiple endpoint testing. Water Research, 115, 9-21 **(Q1)**
3. TOPIĆ POPOVIĆ N, STRUNJAK-PEROVIĆ I, BARIŠIĆ J, KEPEC S, JADAN M, BEER LJUBIĆ B, MATIJATKO V, PALIĆ D, KLOBUČAR G, BABIĆ S, GAJDOŠ KLJUSURIĆ J, **ČOŽ-RAKOVAC R** (2016): Native Prussian carp (*Carassius gibelio*) health status, biochemical and histological responses to treated wastewaters. Environmental Pollution, 218, 689-701. **(Q1)**
4. BARIŠIĆ J, **ČOŽ-RAKOVAC R**, DELAŠ I, TOPIĆ POPOVIĆ N, GAVRILOVIĆ A, JUG-DUJAKOVIĆ J, BRAILO M, SAUERBORN KLOBUČAR R, BABIĆ S, STRUNJAK-PEROVIĆ I (2016):Predictive modeling of European flat oyster (*Ostrea edulis* L.) fatty acid composition. Aquaculture International, 24, 1-21. **(Q2)**
5. BABIĆ S, BARIŠIĆ J, BIELEN A, BOŠNJAK I, SAUERBORN KLOBUČAR R, UJEVIĆ I, STRUNJAK-PEROVIĆ I, TOPIĆ POPOVIĆ N, **ČOŽ-RAKOVAC R,** (2016):Multilevel ecotoxicity assessment of environmentally relevant bisphenol A concentrations using the soil invertebrate *Eisenia fetida*. Journal of Hazardous Materials, 318, 477-486. **(Q1)**
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