

Unit Name

Physics and Biology Unit

Research Personnel

Lucia Zifcakova, Postdoctoral Scholar
Mehmet Arif Zoral, Postdoctoral Scholar
Priscila Do Nascimento Biller, Postdoctoral Scholar
Zdenek Lajbner, Research Unit Technician
Mustafa Sami, Research Unit Technician
John Parker, Research Unit Technician
Reuven Penini, Research Unit Technician
Irina Korshok, PhD Student
Mizumo Yamanokuchi, Visiting Research Student
Md Abrar Jahin, Visiting Research Student

Scholarly Contributions and Creative Productions (by Faculty)

Journal Article

1. Zoral, Mehmet, Zdenek Lajbner, Lucia Zifcakova, Shinichi Nakamura, and Jonathan Miller. 2024. "Co-Infection of Liburna Oophaga Sp. Nov. and Ikanecator Primus on Cuttlefish (Sepia Pharaonis) Eggs and the Effectiveness of Peracetic Acid as a Treatment." Veterinary Parasitology 332 (September).
<https://dx.doi.org/10.1016/j.vetpar.2024.110302>

Scholarly Contributions (by Unit Members)

Name of Unit Member	Type	Title	Outlet	Publisher	Year Pub
Zdenek Lajbner	Book Chapter	Past, present, and future trends in octopus research	Octopus Biology and Ecology	Academic Press /Elsevier	2024
Lucia Zifcakova, Zdenek Lajbner, Mehmet Arif Zoral	Journal Article	Sustainable seafood: advances in traceability, assessment, monitoring and resource management.	African Journal of Marine Science	AJOL	2024
Lajbner Zdenek	Journal Article	Past, present, and future trends in octopus research	Octopus Biology and Ecology	Academic Press	2024
Zdenek Lajbner	Journal Article	Assessing the Impacts of Adaptation to Native-Range Habitats and Contemporary Founder Effects on Genetic Diversity in an Invasive Fish	Evolutionary Applications	Wiley	2024

Name of Unit Member	Type	Title	Outlet	Publisher	Year Pub
Lucia Zifcakova	Poster Presentation at Conference	Regional distribution of the GC content in cephalopods and molluscs	CephNeuro 2024, USA		2024
Lucia Zifcakova	Poster Presentation at Conference	Regional distribution of the GC content in cephalopods and molluscs	EMBO Workshop on Establishing state-of-the-art mollusc genomics, Belgium		2024
Lucia Zifcakova	Presentation at Conference	Monitoring biological and chemical agents in aquaculture efflux to protect environmental health	COI-NEXT Symposium, Convergence		2024
Mehmet Arif Zoral*, Zdenek Lajbner, Lucia Zifcakova, Jonathan Miller	Presentation at Conference	Peracetic Acid Treatment to Eliminate Parasitic Copepods on Cephalopod Eggs.	American Fisheries Society, Honolulu, Hawai'i, United State of America		2024
Lucia Zifcakova	Presentation at Conference	Regional distribution of the GC content in cephalopods and molluscs	The 9th Okinawa Marine Science Workshop, Japan		2024
Zdenek Lajbner*, Lucia Zifcakova, Mehmet Arif Zoral, Jonathan Miller	Presentation at Conference	Cephalopod response to ketamine	Octosquid meeting 2024, Izumo, Japan		2024
Lucia Zifcakova	Presentation at Conference	Regional distribution of the GC content in cephalopods and molluscs	RAM OIST, Japan		2024
Mehmet Arif Zoral*, Zdenek Lajbner, Lucia Zifcakova, Jonathan Miller	Presentation at Conference	Treatment of ectoparasite infection on cuttlefish (<i>Sepia pharaonis</i>) eggs with peracetic acid.	7th Squid and Octopus Research Group, Izumo, Japan		2024
Zdenek Lajbner	Seminars	From fish to cephalopods	Keio University, Japan		2024
Mehmet Arif Zoral*, Zdenek Lajbner, Lucia Zifcakova, Jonathan Miller	Seminars	Parasite Cleanup: Discovering New Cephalopod Egg Parasites and Their Reaction to Peracetic Acid.	Research Blitz Session, Okinawa Institute of Science and Technology,		2024
Mehmet Arif Zoral, Zdenek Lajbner, Lucia Zifcakova, Jonathan Miller	Seminars	Investigation of the Presence of Parasites in cephalopod Eggs and Available Treatment Options.	9th Okinawa Marine Science Workshop Organization		2024

Honors, Awards & Fellowships (only by unit members)

2024-04-18

Lucia Zifcakova, CephNeuro 2024, travel award, USA , CephNeuro 2024, travel award, USA , 2024, CIAC organization in Woods Hole Oceanographic Institution , care giver award from SMBE

Other Institutional Service

2025-02-01	OIST Science Festival, (University)
2025-01-28	Lecturer at Kobe Institute of Computing, (University)
2024-07-26	Presentation at Onna Culture Center, JP, (University)
2024-07-26	OIST Children School of Science, (University)
2024-06-28	Lecturer at Kobe Institute of Computing, (University)
2024-04-30	Editor, Science Bank, (University)