

Seznam ústních přednášek na vědeckých konferencích, seminářích, zahraničních univerzitách a institucích

doc. Ing. Martin Pšenička, Ph.D.

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2024

Germ cell biotechnologies in fish. 3 Dec 2024 Botucatu Campus, São Paulo State University, Brasil. Invited lecturer (1 hour)

Germ cell biotechnologies in fish. 2 Dec 2024 Solteira Campus, São Paulo State University, Brasil. Invited lecturer (1 hour)

Advanced Aquaculture Genetics and Genomics II: Fish biotechnology Hokkaido Summer Institute 2024. 29 August – 3 September, 2024. Faculty of Fisheries Sciences, Hokkaido University, Japan. Invited lecturer (5 hours)

2023

Advanced Aquaculture Genetics and Genomics I: Fish biotechnology Hokkaido Summer Institute 2023. 31 August – 5 September, 2023. Faculty of Fisheries Sciences, Hokkaido University, Japan. Invited lecturer (5 hours)

Pšenička, M. Surrogate Production In Fish. Green Deal Biotechnology, 6-8 Nov 2023, Poznan, Poland. Invited Keynote speaker.

2021

Reproduction – key process of aquaculture. Warsaw University of Life Sciences. In Warsaw, Poland, 18 May 2021. Invited lecture (1 hours)

Germ stem cell biotechnology as an alternative way for conservation of genetic resources. Warsaw University of Life Sciences. In Warsaw, Poland, 18 May 2021. Invited lecture (1 hours)

Pšenička M., Use of Surrogate Reproduction in Fish. AQUABIOTECH2021. 2nd International Aquatic Biotechnology Symposium. 13-14.10.2021 in Istanbul, Turkey. Invited keynote speaker

2019

Pšenička, M., Baloch, R., Saito, T. Germ cells technologies in sturgeons. 4th International Conference on Agriculture, Food, and Animal Sciences, 21-22 January 2019, Tandojam, Pakistan. (invited presentation)

Iegorova V., Psenicka M., Havelka, M., Lebeda, I., Rodina, M., Saito T. Polyspermy produces viable mosaics in sturgeon. Zoologické dny 2019, 7. - 8. února 2019, Brno, Czech Republic. Oral presentation

2018

Pšenička, M., Rodina, M., Linhartová, Z., Güralp, H., Iegorova, V., Pocherniaieva, K., Fatira, E., Golpour, A., Saito, T. Application of germ cell technologies in sturgeons. 11th International Symposium on Reproductive Physiology of Fish, June 3-8. 2018, Manaus, Brazil (oral presentation)

Pšenička, M., Rodina, M., Linhartová, Z., Güralp, H., Iegorova, V., Pocherniaieva, K., Fatira, E., Golpour, A., Saito, T. Application of germ cell technologies in sturgeons. Arendal, Norway. 17-19 June, 2018 (oral presentation)

Habilitace

2016

Pšenička M. Surrogate production technology in fish; Gonad cryopreservation; Practical: Microinjection; Practical: Germ line isolation. 2nd Impress workshop And 5th Aquagamete training school. Valencia (Spain), 1st-11th March, 2016. Invited lecturer (7 hours)

Pšenička, M., Rodina, M., Linhartová, Z., Güralp, H., Iegorova, V., Pocherniaieva, K., Fatira, E., Golpour, A., Saito T. 2016. Generation of Germ-line Chimera in Sturgeons. 22nd International Congress of Zoology and the 87th Meeting of the Zoological Society. 14-19 Sep Okinawa, Japan. Invited speaker

2015

Pšenička, M. Germ cell applications in reproductive biology. 2015, 14-17 January. Aquagamete training school 14-17 Jan 2015, Faro, Portugal. Invited lecturer (2 hours)

Pšenička, M., Saito, T., Pocherniaieva, K., Rodina, M., 2015. Cryopreservation of testicular and ovarian cell suspension vs whole tissue in sturgeon. In: Book of Abstracts, The 5th International Workshop on the Biology of Fish Gametes, 7-11 September, Ancona, Italy, p. 77. Oral presentation

2014

Pšenička M., Saito, T., Linhartová, Z., Gazo, I., Arai K., 2014. Isolation and interspecific transplantation of spermatogonia and oogonia in sturgeons. Aquaculture Europe 2014, 14-17 October, Donostia San Sebastian, Spain, p. 22. Oral presentation

2013

Pšenička, M., Linhartová, Z., Kobayashi, T., Saito, T., 2013. Xenogeneic transplantation of spermatogonia and oogonia within sturgeons. The 4th International Workshop on the Biology of Fish Gametes, 17-20 September, Albufeira, Portugal, p. 188. Oral presentation

2012

Pšenička, M., Linhartová, Z., Saito, T., 2012. Xenogeneic transplantation of spermatogonia within sturgeons. In: Domestication in Finfish Aquaculture, 23-25 October, Olsztyn, Poland. Oral presentation

2010

Pšenička, M. Fertilization in sturgeon and function of its acrosome. Sapporo university. Invited lecture. (1 hour)

Psenicka, M., Kašpar, V., Alavi, S.M.H., Rodina, R., Gela, D., Cosson, J., Ciereszko, A., Linhart O., 2010. Fertilization in sturgeon and function of its acrosome. 11th International Symposium on Spermatology, 24-29 June, Okinawa, Japan. Oral presentation

2009

Pšenička, M., Kašpar, V., Rodina, M., Gela, D., Linhart, O., 2009. Elimination of adhesiveness in the sturgeon eggs and releasing of jelly coat, possible stopper of micropyle inhibiting entrance of spermatozoon. Second International Workshop on Biology of Fish Gametes, 9-11 September, Valencia, Spain. Oral presentation

2008

Psenicka, M., Nebesarova, J., Cosson, J., Ciereszko, A., Linhart O., 2008. Monitoring of the acrosomal reaction in sturgeon using fluorescence and electron microscopy. In: Resource Management, Short communications of contribution presented at International Conference Aquaculture Europe 2008, 15-18 September, Krakov, Poland, p. 541. Oral presentation

2007

Psenicka, M., Tesarova, M., Nebesarova, J., 2007. Size determination of *Acipenser ruthenus* spermatozoa using different types of SEM. 8th Multinational Congress on Microscopy, 17-21 June, Prague, Czech Republic, p. 537-538. Oral presentation

Psenicka, M., Alavi, S. M. H., Rodina, M., Nebesarova, J., Linhart, O., 2007. Studies on ultrastructure of spermatozoon and eggs upon fertilization in Siberian sturgeon (*Acipenser baerii*). 1st International Workshop on Biology of Fish Sperm, 29-31 August, Vodnany, Czech Republic. Oral presentation

2006

Psenicka, M., Alavi, S. M. H., Rodina, M., Nebesarova, J., Linhart, O., 2006. Morphology and ultrastructure of sperm in fish: A comparative study between teleost (tench *Tinca tinca*) and chondrost (Siberian sturgeon *Acipenser baerii*). In: Sborník referátů z konference s mezinárodní účastí. IX. Ichnologická konference, 4-5 May, Vodnany, Czech Republic. Oral presentation