



Fish Health Section



The official link to the FHS website is: <http://www.afs-fhs.org/>

FHS NEWS

2014 INTERNATIONAL SYMPOSIUM ON AQUATIC ANIMAL HEALTH

Portland, Oregon
Aug 31 – Sept 4, 2014



Abstracts and Early Registration must be submitted by May 31.

Registration is open:

<https://conferences.bus.oregonstate.edu/Conference/isaah/registration>

Abstract submission:

<https://conferences.bus.oregonstate.edu/Conference/isaah-abstracts/registration>

Please join us for the **7th International Symposium on Aquatic Animal Health** (ISAAH-7) in Portland, Oregon (August 31 – September 4, 2014). ISAAH has been held every four years since the first meeting in Vancouver in 1988. Since you attended the last ISAAH in Tampa in 2010 you already know that this is a great opportunity to interact with fellow aquatic animal health professionals from throughout the world. The best of Portland and our global ISAAH community await you!

The preliminary program has been posted and the social events will be appearing soon. We are looking forward to a great meeting.

Please visit the ISAAH-7 website for more information:

<http://isaah-7.science.oregonstate.edu/>

MEETINGS AND WORKSHOPS

39TH ANNUAL EASTERN FISH HEALTH WORKSHOP –

Check us out on our Facebook page (search for Eastern Fish Health Workshop) and Like us!

<https://www.facebook.com/#!/pages/Eastern-Fish-Health-Workshop/164449723610923>

Important Deadlines:

Registration due by: 15 March 2014 (to avoid the late fee)

Powerpoints due: 14 April 2014

Reserve hotel room: 28 March 2014

"HEALTH AND COLONY MANAGEMENT OF LABORATORY FISH"

Mount Desert Island Biological Laboratory Bar Harbor, Maine

17 – 22 August 2014

Applications are being accepted for this 1-week educational opportunity for individuals with maintenance, management or research responsibilities in which fish are used as laboratory animals.

APPLICATION DEADLINE - JUNE 13, 2014.

The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 17 - 22 August 2014. Topics to be discussed will include general system design and water quality management, anatomy and histology of fish, general fish diseases and disease management strategies. Infectious and non-infectious diseases common to all fish as well as specific diseases of importance to laboratory-maintained zebrafish will be discussed. The course will consist of lecture, laboratory exercises and discussions. During the course there will be an opportunity for students to discuss unusual and/or unsolved diagnostic case experiences from their home laboratories as problem-solving exercises. The course should be particularly valuable to technical staff, graduate students, postdoctoral fellows, junior faculty and investigators needing skills to monitor the health of a colony of aquatic organisms. The course also provides a unique educational opportunity for Residents in Laboratory Animal Medicine Programs.

For more information on the course, please see the course web site at:

http://www.mdibl.org/courses/Health_and_Colony_Management_of_Laboratory_Fish/182/

FISH IMMUNOLOGY WORKSHOP

As you may be aware the ISFSI supports the annual Fish Immunology Workshop organised at Wageningen University. This year (April), the focus is on Fish Vaccination. The programme includes a number of excellent speakers from, among others, the

Targetfish project and will discuss where we stand today with fish vaccination. Although the number of participants is limited, ISFSI has managed to create a few extra spaces with priority for ISFSI members. If you are interested, please drop an email to the organizers Geert Wiegertjes and Maria Forlenza at fish.workshop@wur.nl<<mailto:fish.workshop@wur.nl>>.

For a detailed programme please visit <http://www.wageningenur.nl/en/Expertise-Services/Chair-groups/Animal-Sciences/Cell-Biology-and-Immunology-Group/Fish-workshop.htm>

Best Regards,

Giuseppe Scapigliati, PhD
ISFSI President

University of Tuscia (I)

RESOURCES

LOOKING FOR ASSOCIATE EDITORS

The American Fisheries Society is looking for volunteers with fish health and fish culture experience to serve as Associate Editors for a proposed new journal 'Applied Aquatic Sciences.' Please see the attached file for details and contact Bob Hughes (hughes.bob@amnisopes.com) if you are interested in volunteering.

REQUEST FOR PHOTOS

The Northeast Region Extension team has been working on developing a production hazards manual for farmers growing common shellfish, fish and algae in the Northeast US. The manual is currently getting ready to go into final review before publication, but we are still looking for some good photos of fish diseases. They can be photos of fish with the disease or histo or microscopy photos of the pathogen itself. I would really appreciate any help you might be able to provide trying to get these images. I have attached a list of diseases/pathogens that we are looking for still. In general we are looking for images that are 300 dpi at the 2x3 inch (5 x 7.5 cm) size.

If you could provide the photo credit and a caption for each image I would appreciate it. We will be happy to send a PDF copy of the manual once it is completed to anyone who contributes a photo for the publication. Please feel free to circulate this to other who may also be able to help with images.

Thanks,
Mike Pietrak

1. external ciliated parasites (*Trichodina* sp.)

2. ichthyobodiasis, (*I. pyriformis* or *I. necator*)
3. diplomonad flagellates
4. whirling disease (*Myxobolus cerebralis*)
5. furunculosis
6. edwardsiellosis (*Edwardsiella tarda*)
7. bacterial gill disease (*Flavobacterium branchiphilum*)
8. cold water disease (caused by *Flavobacterium psychrophylum*)
9. columnaris disease (*Flavobacterium columnare*)
10. bacterial kidney disease
11. cold water disease (caused by *Vibrio* spp.)
12. enteric red mouth disease
13. infectious pancreatic necrosis virus
14. infectious salmon anemia virus
15. viral hemorrhagic septicemia virus
16. saprolegniasis
17. *Loma branchialis*
18. Francellosis
19. Viral encephalopathy
20. *Ichthyophonus hoferi*
21. *Ichthyophthirius multifiliis*
22. *Streptococcus iniae*
23. Large mouth bass virus
24. *Aphanomyces invadens*
25. *Henneguya* sp
26. Brachiomyxosis
27. Carp pox
28. Koi herpes virus disease
29. Spring viremia of carp

Mike Pietrak, Ph.D.
Aquaculture Researcher
Aquaculture Research Institute
University of Maine
5735 Hitchner Hall
Orono, ME 04469-5735

Cell (207) 242-1366
michael.pietrak@maine.edu

FISH DOCTOR APP

Description

Fish Doctor contains informative and educational tools on fish diseases. The app's are made by Dr. Gerald Bassleer (°1954) who is a worldwide recognized expert in fish diseases and trained fish pathobiologist.

Since 1977, experience & study & training in the international field of the ornamental fish industry has led to an enormous data base on prevention, diagnosis and treatment of ornamental aquarium and pond fish.

All this material has been gathered in e-books with interesting videos to be downloaded for those who are interested to learn about Why? How? When? Where? What? Etc....are there problems with our 'living jewels'.

We show at least 50 videos with the behavior of the suffering fish with their typical signs of disease.

Many microscopic observations on bacteria, fungi and parasites have been included on video. This shows you what is going on with your fish and it is made for those who want to learn to use a microscope (which is NOT difficult).

The text and information is written in easy language and technical, difficult language has been avoided.

The purpose of "Fish Doctor" is to educate all those who are involved as hobbyist, breeder, collector, exporter, wholesaler or pet shop...to keep fish in better (nearly perfect) condition.

App for Tablet (Android)

<https://play.google.com/store/apps/details?id=air.com.yudu.ReaderAIR4366504>

Soon also available for iPhone!

AADAP NEWSLETTER – see attached AADAP News_Mar 2014_final.pdf. Relv Lit_Master List_12-31-13.pdf

The March 2014 newsletter and the AADAP relevant literature master list are attached.

NON-LETHAL SAMPLING METHODS

Please see link below for the USFWS Handbook of Aquatic Animal Health Procedures and Protocols. Scroll down to Volume 6 for the Nonlethal Sampling section.

<http://www.fws.gov/policy/AquaticHB.html>

WESTERN FISHERIES SCIENCE NEWS - FEBRUARY 2014 | ISSUE 2.2

Dear WFRC Colleagues, Partners and Friends; Please enjoy the latest issue of our Center newsletter, designed to update you on science, new publications, events and news from the U.S. Geological Survey, Western Fisheries Research Center (WFRC). WFRC scientists conduct research on aquatic animal health; restoration ecology; and drivers of ecosystem change at six different field stations throughout Washington, Oregon and Nevada. We hope that this newsletter will help familiarize you with WFRC science and update you on our latest developments. Please forward to colleagues who may also benefit from these communications. To subscribe (or unsubscribe) to the “Western Fisheries Science News” mailing list, please do so at

<http://wfrc.usgs.gov/newsletter/maillist.html> Read online:

<http://wfrc.usgs.gov/newsletter/> In this issue . . . **FEATURE STORY** - WFRC Supports Pacific Lamprey Conservation **EVENTS** - WFRC at Climate Roundtable with Secretary Jewell - WFRC at Annual Aquaculture America Meeting - WFRC scientists present at 2014 annual meeting of the Oregon Chapter of the American Fisheries Society **PUBLICATIONS** - New publication provides method for addressing predation during telemetry studies. - New USGS Open File Report Evaluates Effectiveness of Stream Restoration. - WFRC researchers co-authored a paper that reports the molecular characterization of a novel picornavirus recovered from minnows in several areas of the US.