**Selected Emerging Aquatic Diseases**

21 Sept 2023

Indented references and web resources represent important background to the primary non-indented paper, indicating how they represent current or future testable materials. Don't get too caught up in the weeds in the non-reading-list materials. Dr. Martinelli has a challenging pairing of readings, they don't go together naturally like Dr. Dannemiller's pairing or the indented background readings in the other assignments, but you'll want to be familiar with all of the Yanong chapter eventually anyway, so now is as good a time as any.

**Dr. Martinelli:**

Yanong R. 2023. Fish medicine updates. In: Miller RE, Callet PP, Lamberski N (eds.). Fowler's Zoo and Wild Animal Medicine Current Therapy 10. Elsevier, St. Louis, pp. 389-393.

Hepps Keeney CM, Waltzek TB, de Oliveira Viadanna PH, Frasca S, Reinhardt E, Lovy J, Lewbart GA. 2023. *Myxobolus lentisuturalis* infection in a farmed population of goldfish *Carassius auratus* from the USA. Dis Aquat Org 154:7-14. <https://doi.org/10.3354/dao03735>.

**Dr. Dannemiller:**

Cody TT, Kiruy U, Bakenhaster MD, et al. 2022. Cutaneous ulcerative lesions of unknown etiology affecting lionfish *Pterois* spp. in the Gulf of Mexico. J Aquat Anim Health 35:20-33, DOI: 10.1002/aah.10174.

Vercauteren, Maaike, et al. 2021. Influence of pathogens, fish-related characteristics, and environmental factors on the development of skin ulcerations in wild common dab (*Limanda limanda*) from the North Sea. J Wildl Dis 57.2:292-302.

**Dr. Stratton:**

Sun FJ, Crim MJ, Leblanc M. 2021. *Edwardsiella ictaluri* in a colony of zebrafish (*Danio rerio*) used in a teaching laboratory. Comp Med 71:318-322.

Hadfield CA. 2021. Bacterial diseases. In: Hadfield CA, Clayton LA (eds.). Clinical Guide to Fish Medicine, Wiley Blackwell, Hoboken, NJ, pp. 431-467, but specifically pp. 441-442 on *E. ictaluri*.

**Dr. Souza:**

Diugnan PJ, Stephens JS, Robb K. 2020. Fresh water skin disease in dolphins: a case definition based on pathology and environmental factors in Australia. Sci Rep 10:21979, <https://doi.org/10.1038/s41598-020-78858-2>.

<https://www.fisheries.noaa.gov/national/marine-life-distress/2019-bottlenose-dolphin-unusual-mortality-event-along-northern-gulf>

**Dr. Mumm:**

Puryear W, Sawatzki K, Hill N, et al. 2023. Highly pathogenic avian influenza A (H5N1) virus outbreak in New England seals, United States. Emerg Infec Dis 29(4):786-791, DOI: <https://doi.org/10.3201/eid2904.221538>.