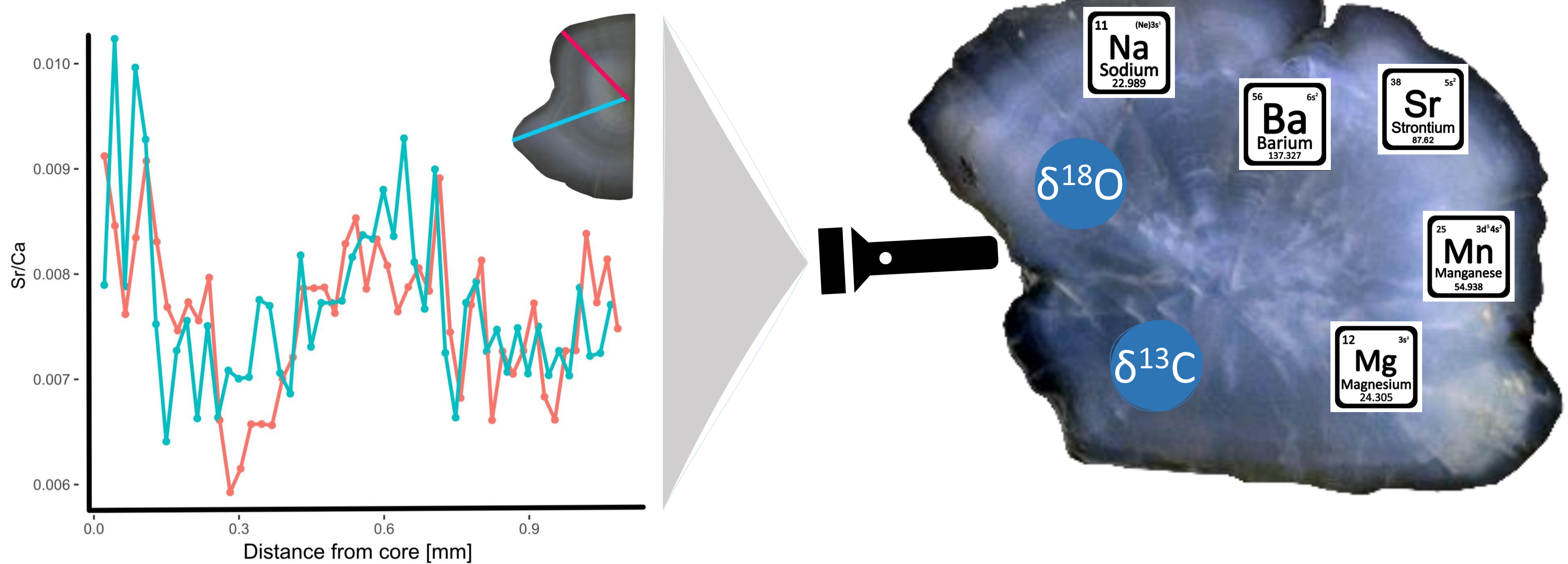


# Thesis: Uncovering biomineralization, diagenesis and growth in fossil and modern fish otoliths



Interested to unravel a fish' life history and learn about modern palaeontological laboratory and analytical methods?

Join us to work on otoliths, the **calcium carbonate ear stones** found beneath a fishes' brain that are excellent **palaeoenvironmental** and **climatological archives**.

Otoliths are **diaries of a fish' life** as they continuously grow and aggregate calcium carbonate in form of increments. Elements bind within the crystal lattice and can inform us about the past environment the fish lived in.

Together we will investigate otolith biomineralization and growth increments, that will help us to reconstruct interactions of biological, environmental and diagenetic factors in the Holocene fossil record!

**Contact us!**

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