

# Top Five Lessons Learned



1. Both gut health and immunity are significantly compromised by the ingestion of individual mycotoxins (and mixtures) in livestock and fish.
2. Impact of (emerging) (co-)occurring mycotoxins on the microbiota and the enteric nervous system needs to be further investigated.
3. New effect of a well-known mycotoxin (ZEN is a metabolic disruptor) and old mycotoxins as new threats (ergot alkaloids and their bioactive epimers) => further studies and risk assessment needed.
4. Aquaculture: many mycotoxins are detrimental to fish but there is a lack of knowledge on their toxicity and occurrence in fish feed.
5. More research needed to assess the full impact of (low dose) mycotoxin exposure on animal health and the resulting economic consequences.