

NWNR300885 Biochemistry of trace elements (3 ECTS*)

Lecturer: Stefan Hofbauer (<https://short.boku.ac.at/HemeBiosynthesis>)



Kick-Off:

Thursday, October 23rd 2025
3:30 p.m.



Where: SR Room 31

weekly; every Thursday from 3:30 p.m. to 5 p.m.

Content:

- basics of complex chemistry
- biochemistry of trace elements (focus on iron and molybdenum)

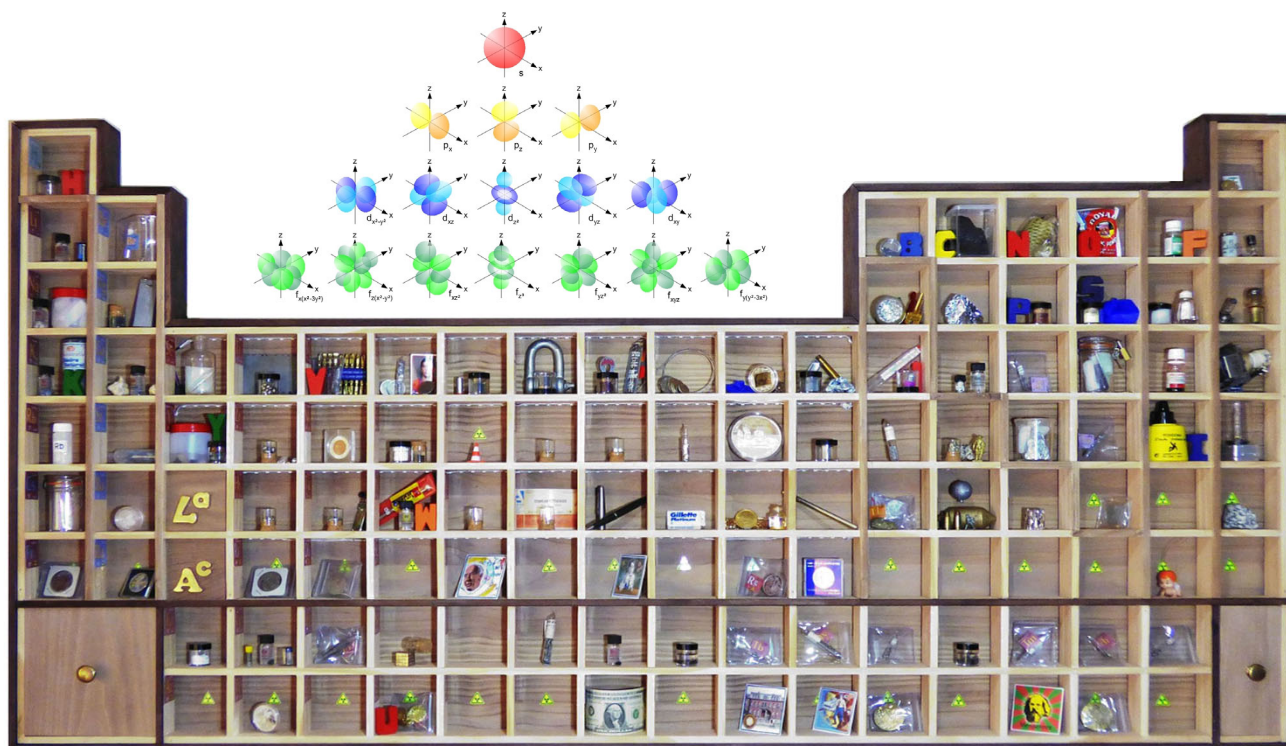
Didactic Concept:

to be decided by everybody who is showing up at the **Kick-Off**

possibilities:

- regular lecture
- flipped classroom
- publication-based discussions to understand protein/enzyme mechanisms with trace elements involved
- whatever **you** suggest (and that is feasible)

mode of **examination** will be discussed and decided at the Kick-Off



https://commons.wikimedia.org/wiki/Periodic_table_of_elements#/media/File:Wooden_periodic_table.jpg

https://upload.wikimedia.org/wikipedia/commons/4/4a/Single_electron_orbitals.jpg

* 1 ECTS is defined as 25 hours of work (all inclusive: lectures, exam, preparation for exam,...) https://en.wikipedia.org/wiki/European_Credit_Transfer_and_Accumulation_System