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# ASTRID HAGELKRUYS

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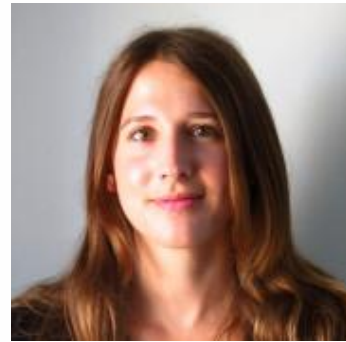
CV

SCIENTIFIC LEADER AT:

## 50 YEARS OF HISTONE ACETYLATION

BARCELONA CONFERENCES ON  
EPIGENETICS AND CANCER

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PostDoc in the lab of Christian Seiser at the Max F. Perutz Laboratories in Vienna. She studied Molecular Biology at the University of Vienna and performed her PhD thesis with the title “Redundant and specific functions of histone deacetylases HDAC1 and HDAC2 in brain development“ at the Medical University of Vienna. The lab of Christian Seiser originally identified mouse HDAC1 as growth factor-inducible gene in murine T cells and generated the first histone deacetylase knock-out mouse showing that HDAC1 gene disruption leads to reduced proliferation and severe developmental problems resulting in embryonic lethality. In addition to current studies on the function of HDACs in different cell types and tissues by using conditional knock-out mice, the lab is also examining the role of histone phosphorylation during the activation of mammalian genes by stress and growth factors.

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