The experience of uncertainties in exploring the unknown – and dealing with them – is a key characteristic of what it means to be a life science researcher, but we have only started to understand how this characteristic shapes cultures of knowledge production, particularly in times when other – more social – uncertainties enter the field.

Although the lab studies tradition has explored the workings of epistemic uncertainties, the range of potent uncertainty-experiences in research cultures has been broadened within the neoliberal reorganization of academic institutions. Most importantly, the stronger dependency on competitive project funding has led to increased social uncertainties. Being employed part-time and for shorter periods of time, researchers often find themselves in the precarious situation of high employment uncertainty.

In her dissertation Lisa Sigl argues that the currently predominant form of organizing academic research (the project) creates a structural link between epistemic and social uncertainties. It then describes empirically different modes of coping with these uncertainties that researchers deploy and that seem to have become a variable in the governance of research cultures. To do so it takes the academic life sciences in Austria as an example and explores them using approaches from both Science and Technology Studies and Labor Studies.

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