

Dagmar Iber



Dagmar is a Professor of Computational Biology at ETH Zurich. Dagmar Iber's group develops data-based, predictive models to understand the spatio-temporal dynamics of signaling networks and the influence of biomechanical constraints. Her group works in close collaborations with experimental laboratories and has established its own experimental laboratory to enable a cycle of model testing and improving. Before joining ETH, she worked at the University of Cambridge and the University of Oxford on B cell immunology and on cell differentiation in the bacterium *Bacillus subtilis*. Her recent work focuses on problems in developmental biology, with a particular focus on mouse organogenesis (limb, lung, kidney, pancreas, central nervous system), and simpler patterning systems to address fundamental questions regarding the organisation of cells in tissues, the control of tissue growth, the timing of developmental processes, and the evolution of biological mechanisms.

Publications: <https://scholar.google.com/citations?user=oL33MI>

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