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# Unravelling cell fate decisions through single cell methods and mathematical models

Mircea, M.

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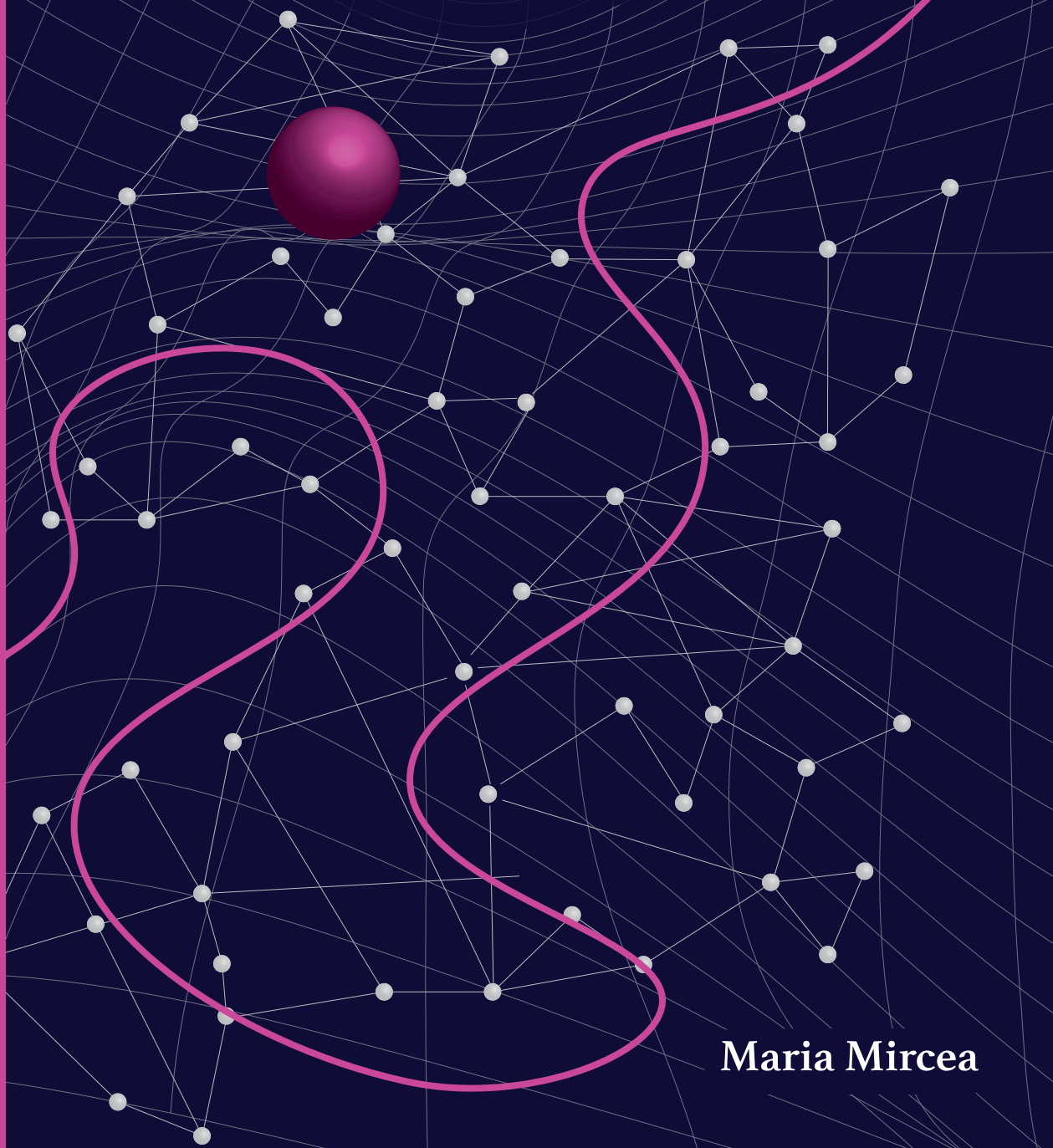
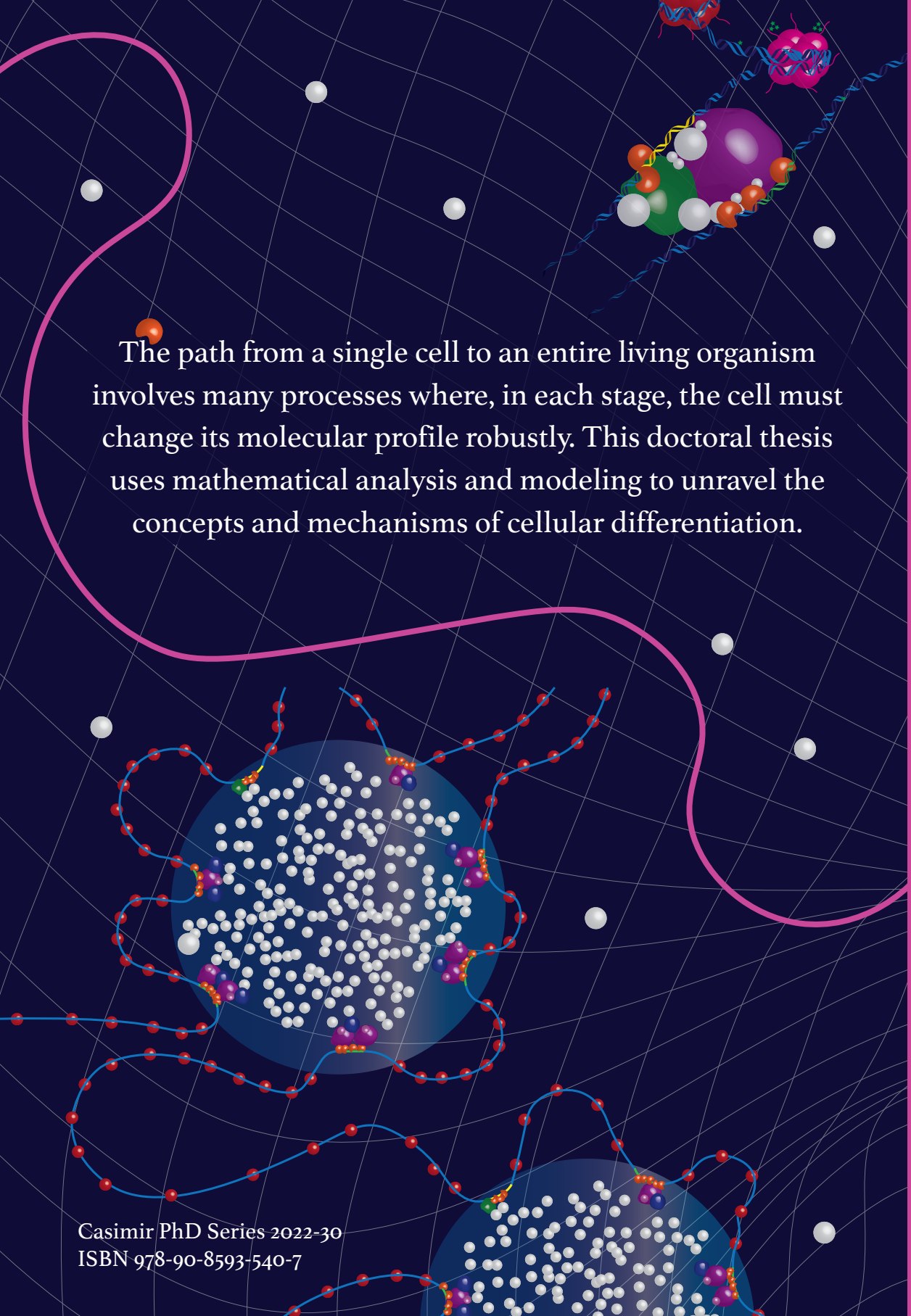
# Unravelling Cell Fate Decisions through Single Cell Methods and Mathematical Models



Maria Mircea



The path from a single cell to an entire living organism involves many processes where, in each stage, the cell must change its molecular profile robustly. This doctoral thesis uses mathematical analysis and modeling to unravel the concepts and mechanisms of cellular differentiation.

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