

Inferring dynamics from static single-cell transcriptomic and multi-omic data

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Room Benvenuti
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Single cell technologies are opening an unprecedented vista over molecular processes, yet the destructive nature of the technology means only static snapshots are available. To address this issue, the concept of RNA velocity, introduced by La Manno et al in 2019, has encountered much favour, but also courted some controversy. In this talk I will introduce RNA velocity and highlight some of its limits, and then go on to illustrate two very recent models from our group which aim at addressing some of the criticalities of the original method.



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