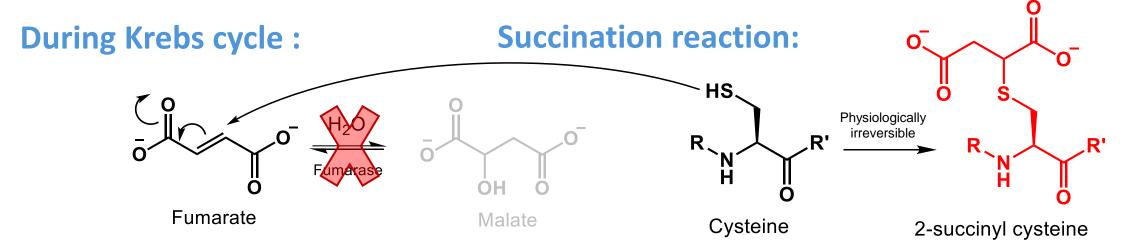
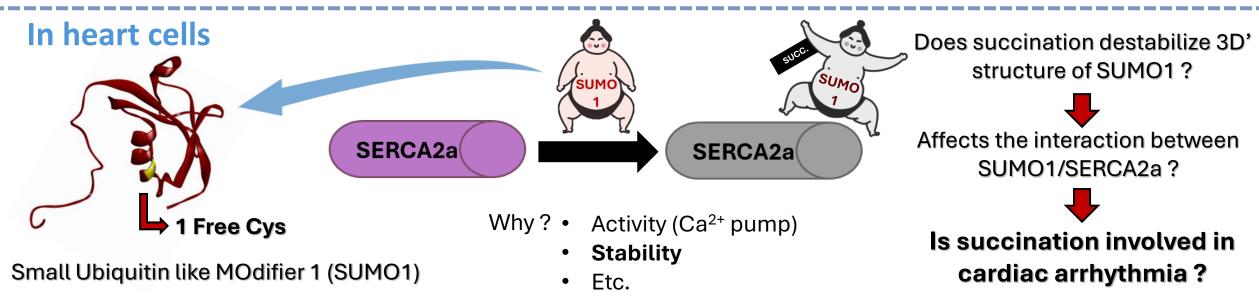
May post-translational succination be involved in cardiac arrhythmia?

A joint experimental and theoretical study combining CIU and molecular dynamics approaches

L. Groignet, D. Dellemme, J.-M. Colet, M. Surin, P. Brocorens, J. De Winter, *University of Mons*



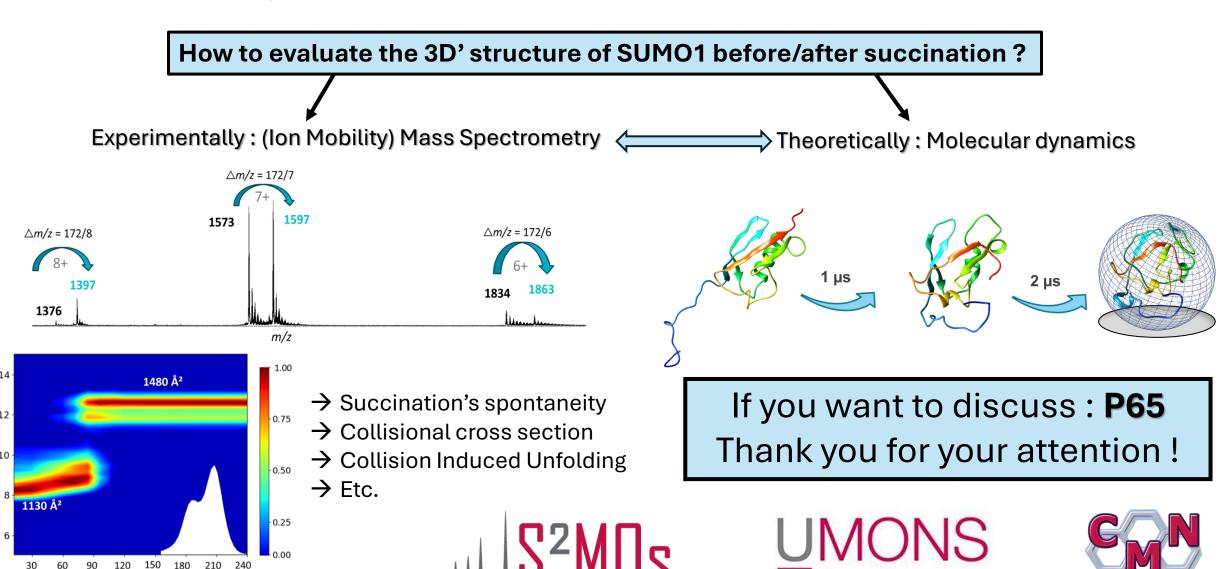
- → In some diseases : underexpression of fumarase → Accumulation of Fumarate
- → Michael additions between thiol functions (cysteines) and fumarate = **SUCCINATION**



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Lab frame collision energy (eV)