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## Study of the pharmacokinetic variability of azacytidine

Loïc Osanno, Laure Farnault, Julien Colle, Geoffroy Venton, Raphaëlle Fanciullino

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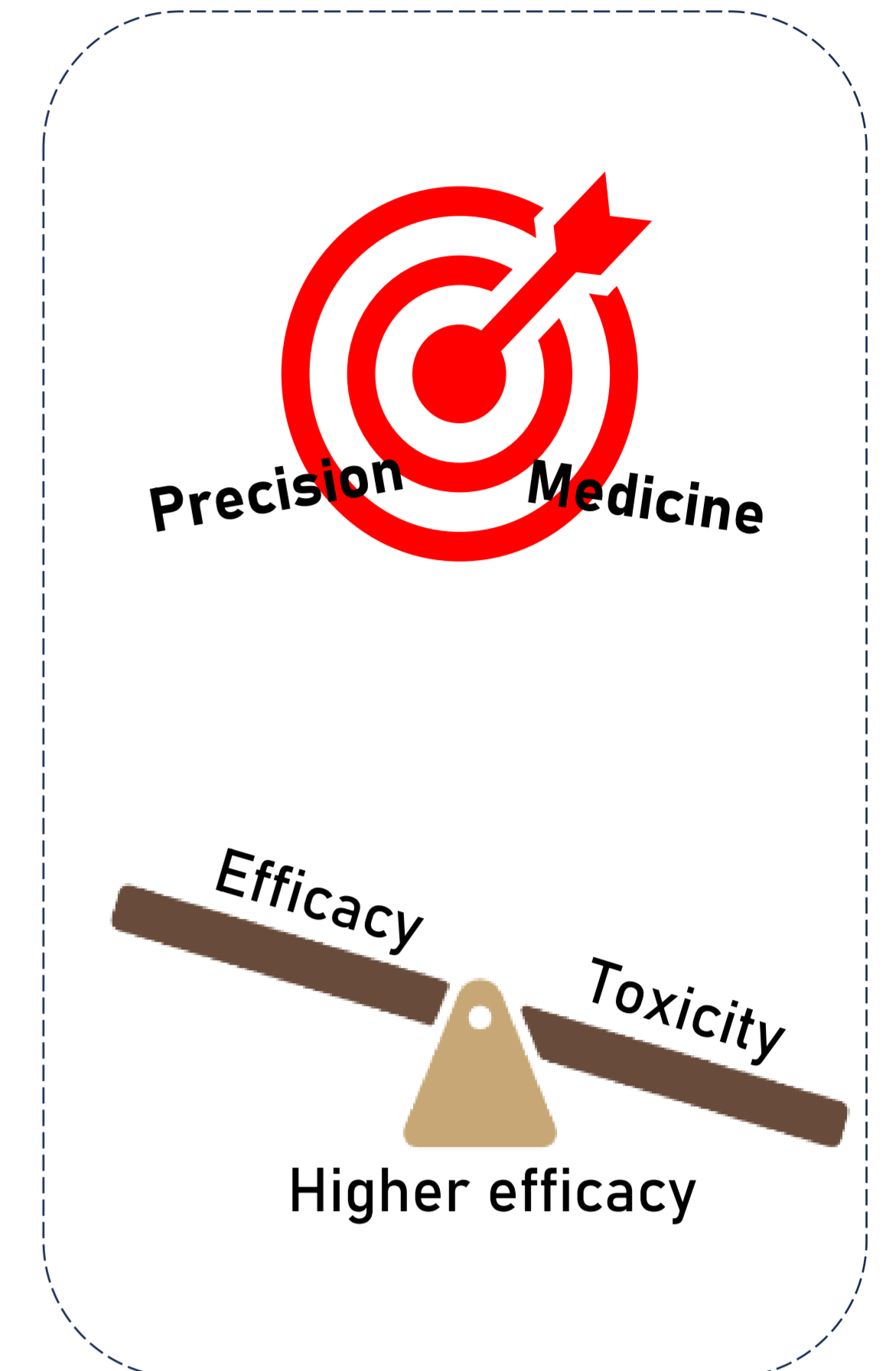
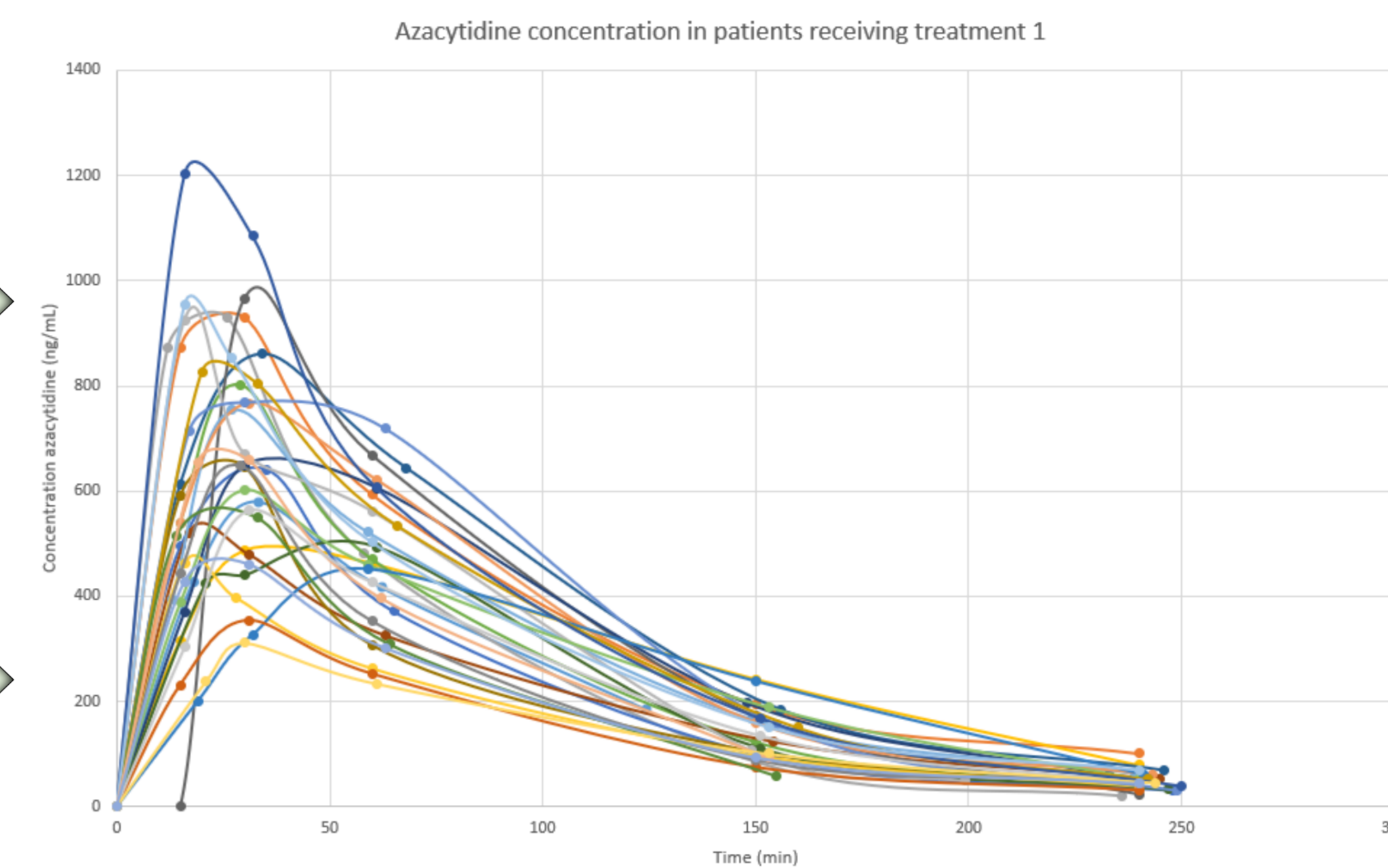
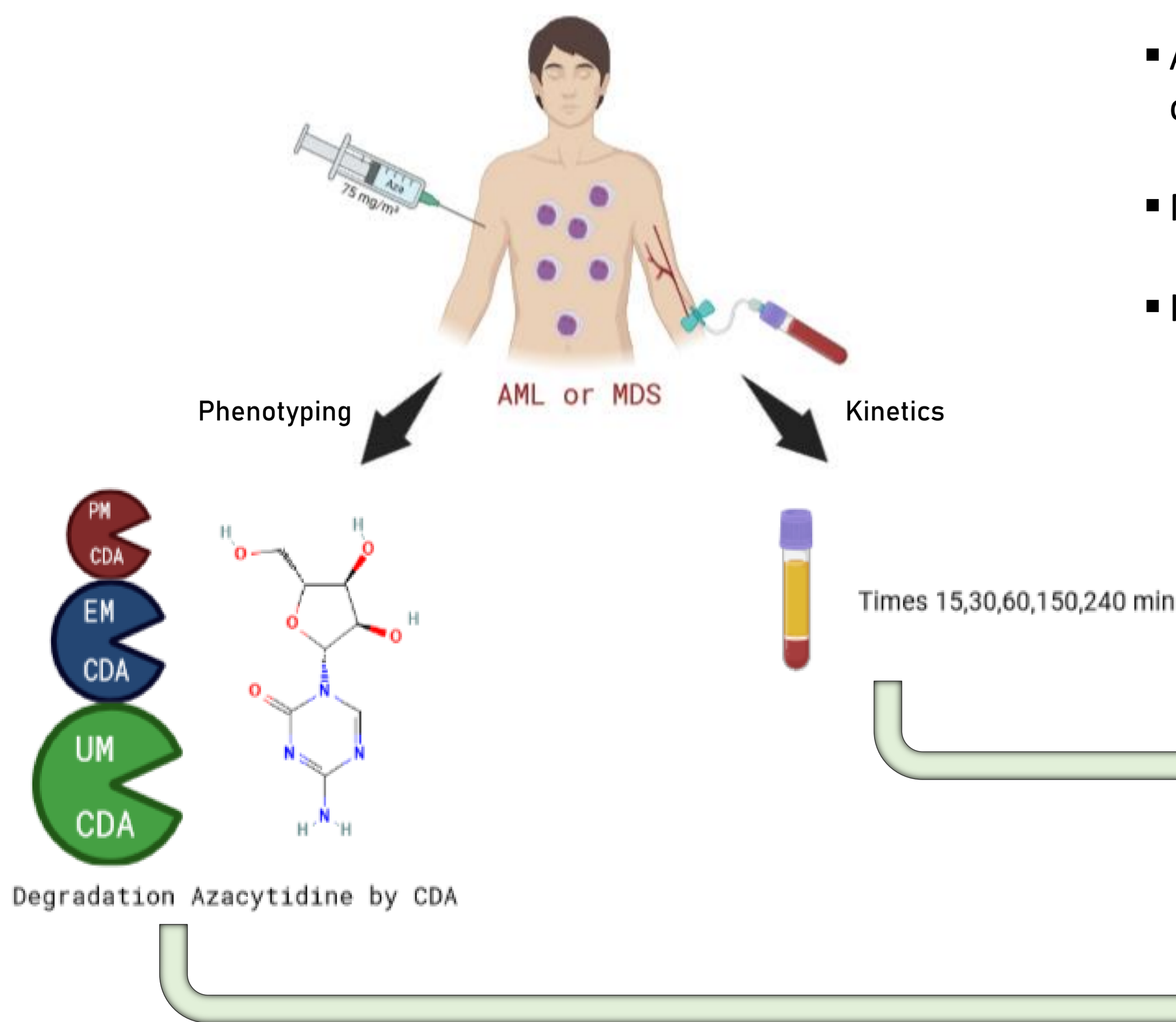
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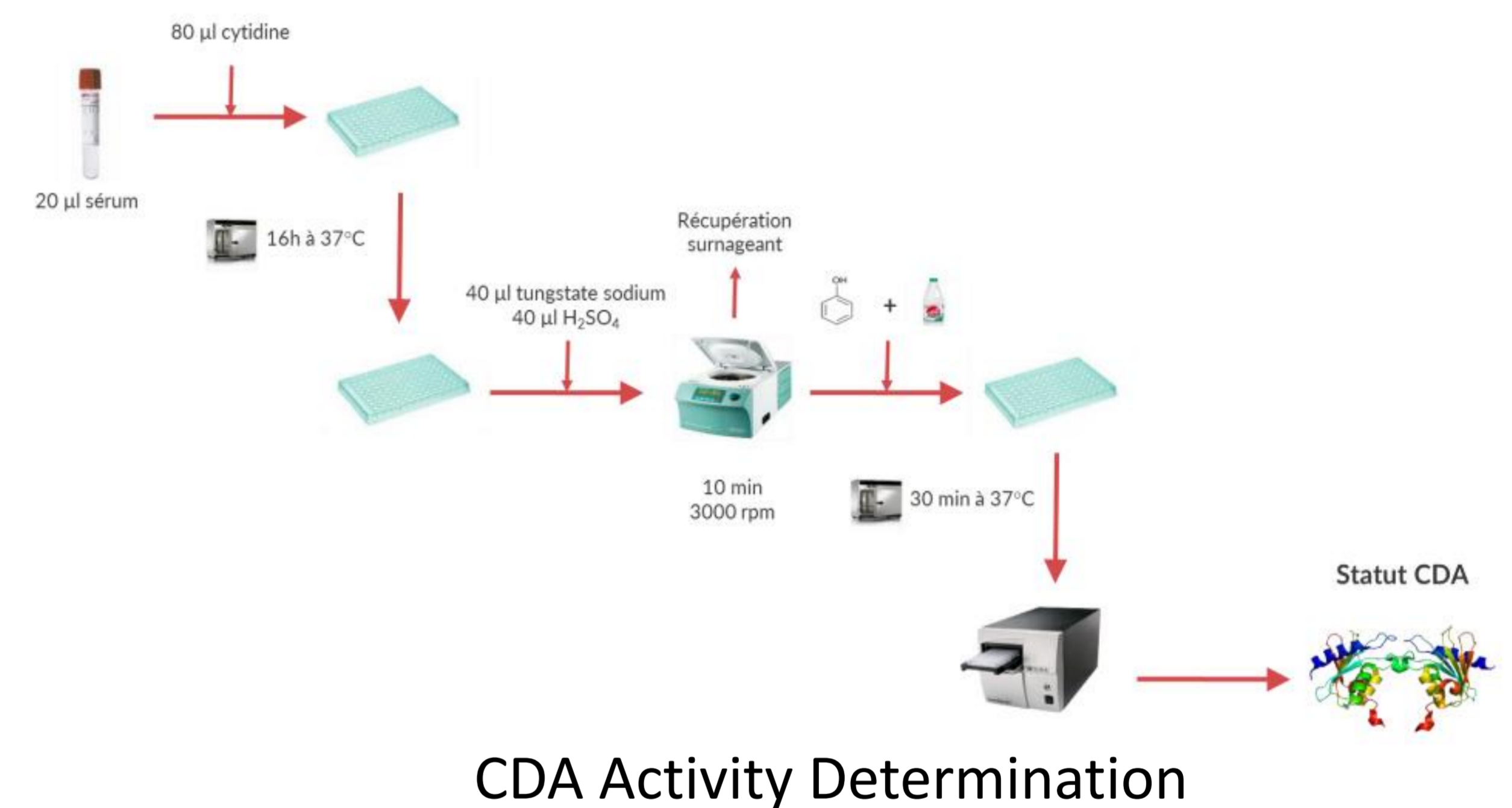
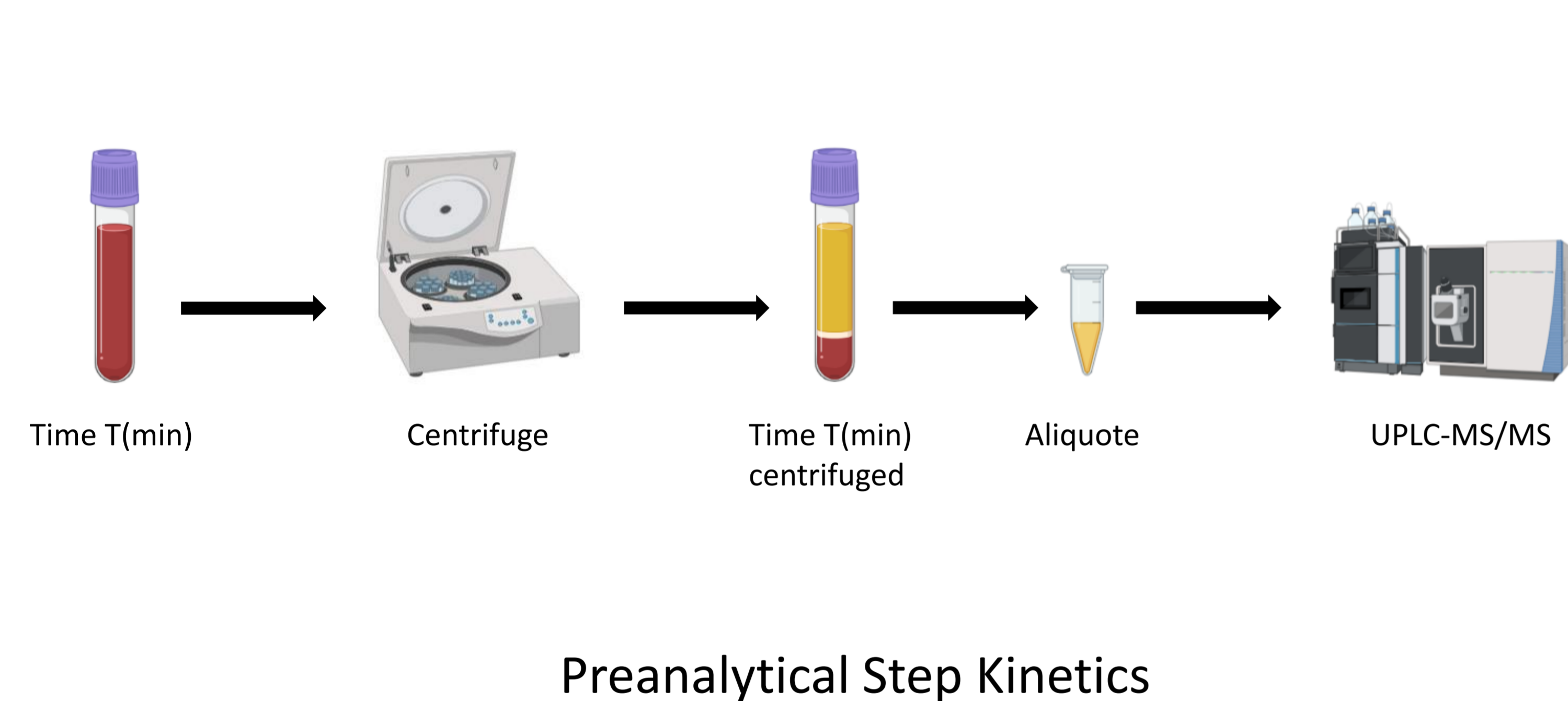
Loïc Osanno, Laure Farnault, Julien Colle, Geoffroy Venton, Raphaëlle Fanciullino  
SMARTc, COMPO, CRCM INRIA Sophia Antipolis & Inserm U1068, Marseille

## Introduction & Objectives

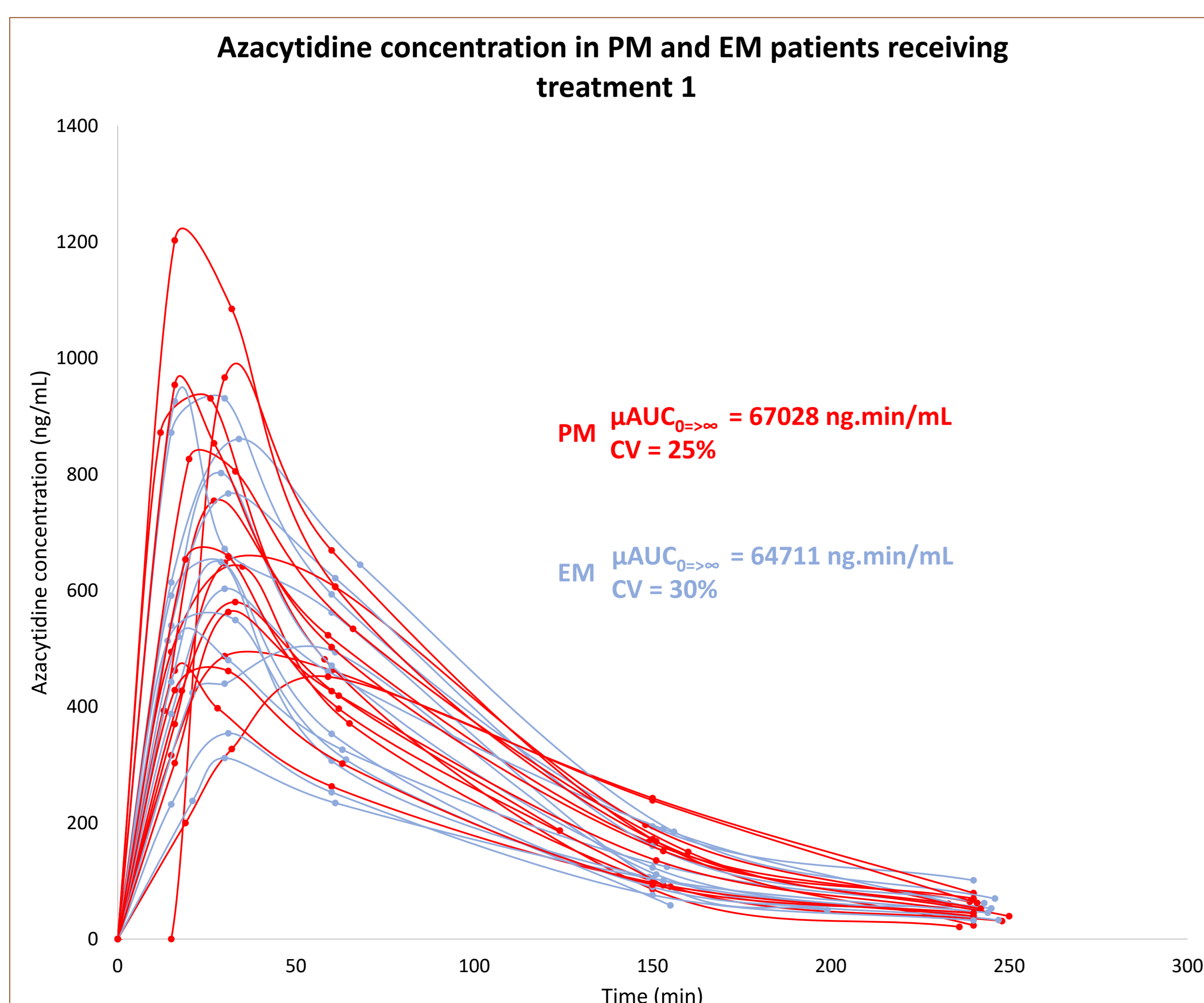
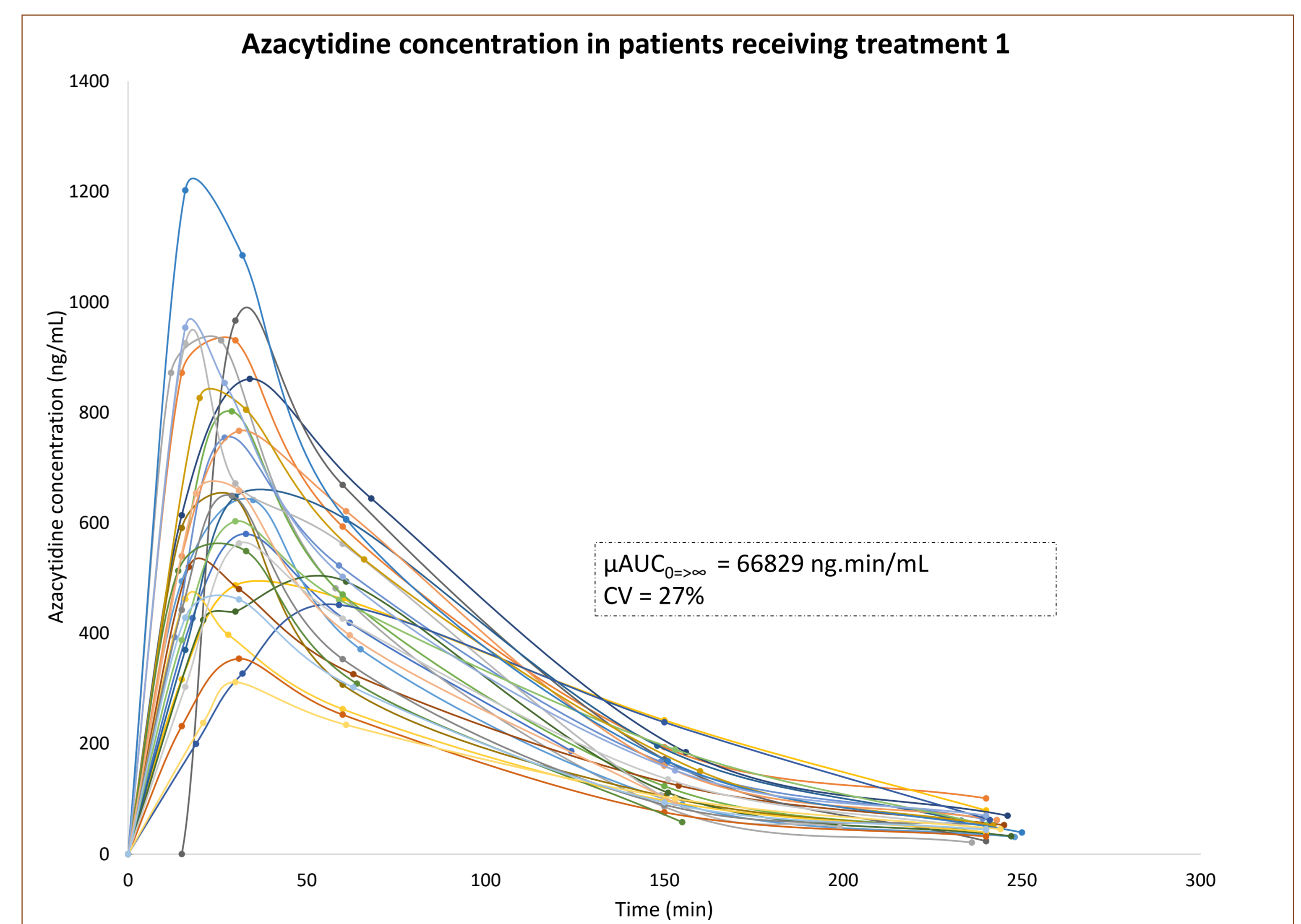
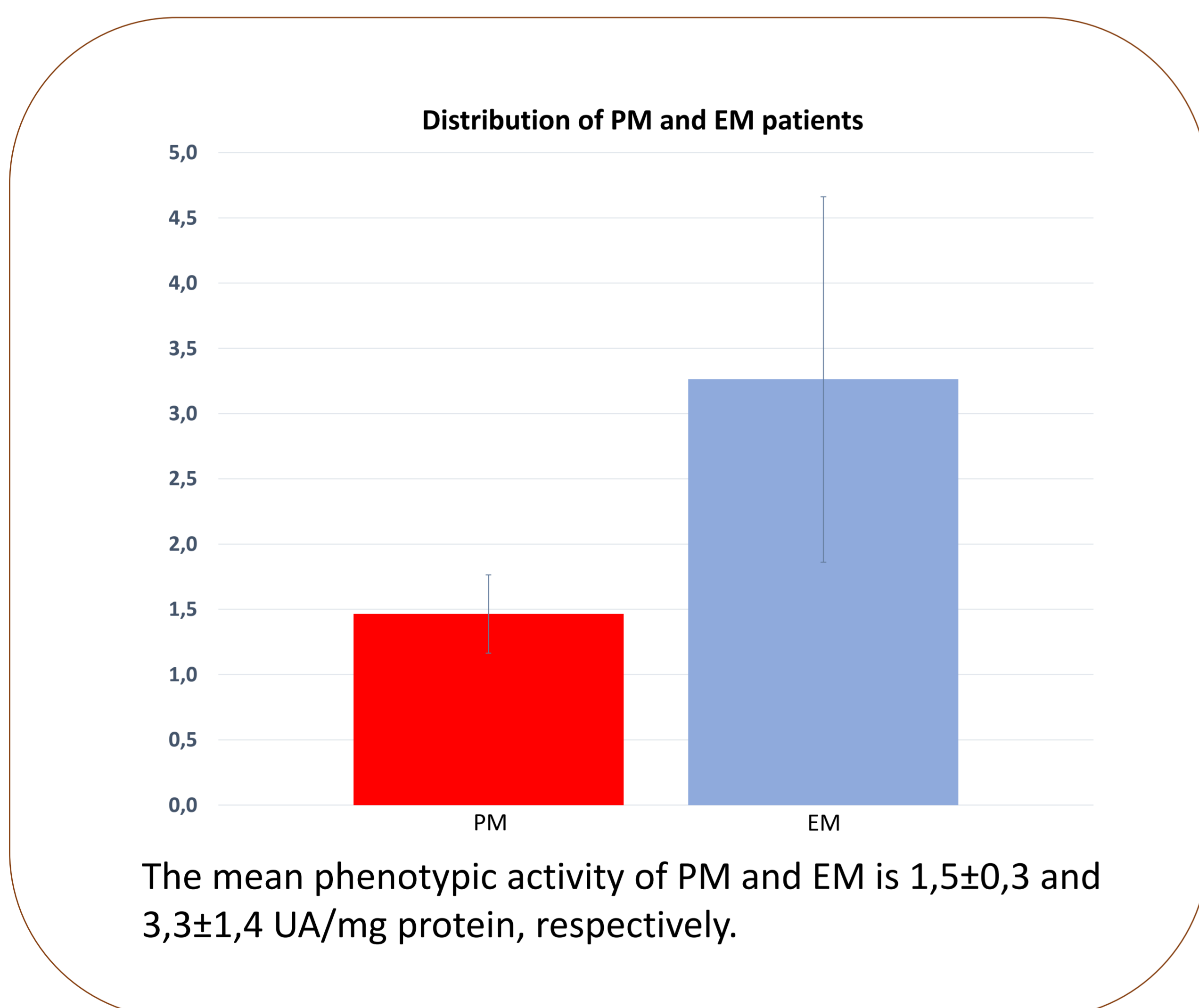
- Azacytidine (Vidaza®) is a nucleosid analog subcutaneously administered at a protocol dose of 75mg/m<sup>2</sup> 7d/28d.
- Metabolized by a highly polymorphic enzyme, cytidine deaminase (CDA).
- Investigate the CDA status and pharmacokinetics of Azacytidine.



## Material & Methods



## Results



## Conclusion & perspectives

- ❖ The results show significant pharmacokinetic variability of Azacytidine for the same dose protocol.
- ❖ We do not observe overexposure in PM patients.
- ❖ It would be interesting to consider CDA activity relative to pathology.
- ❖ A goal could be to correlate pharmacokinetics with response

