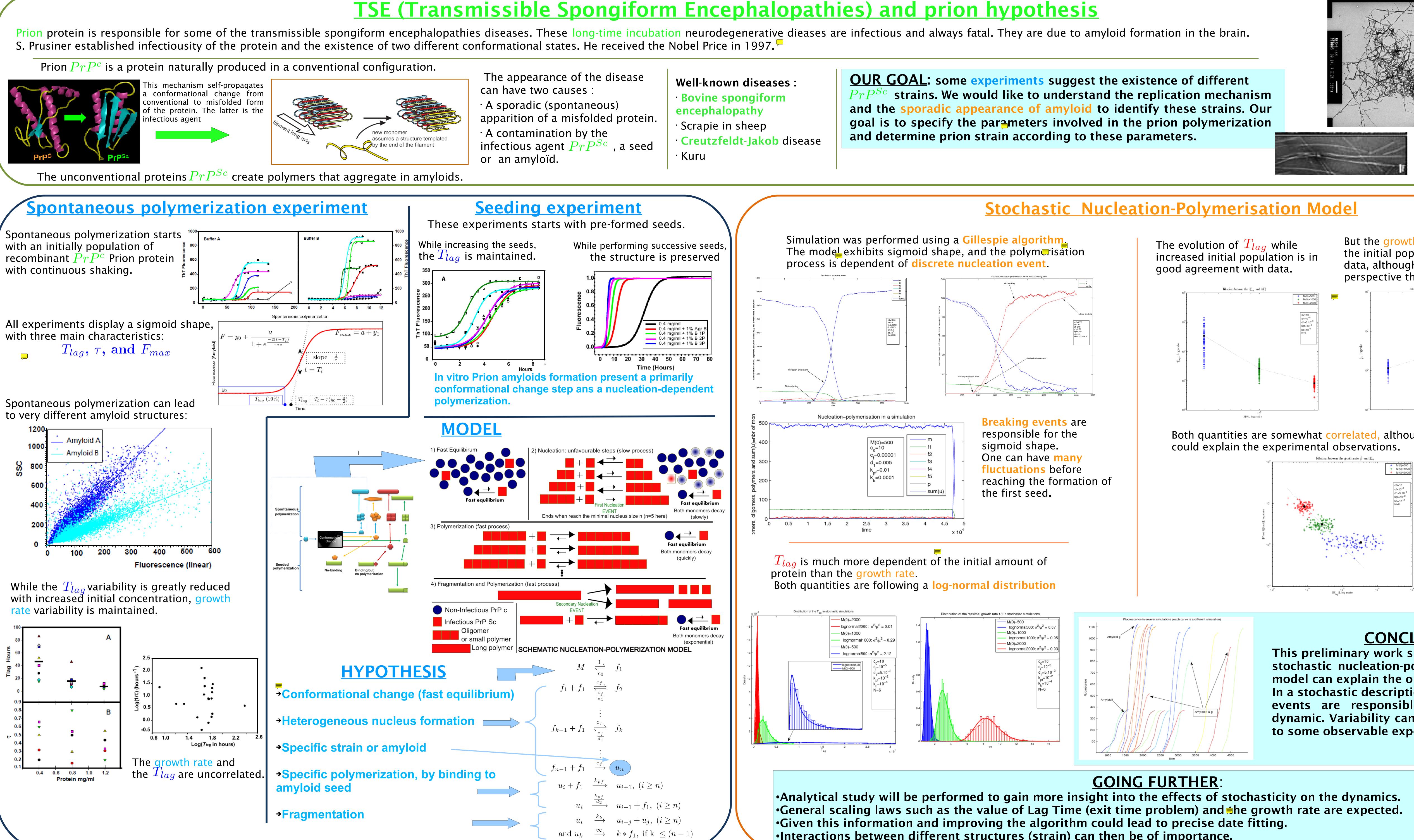


1200₁

1000

800





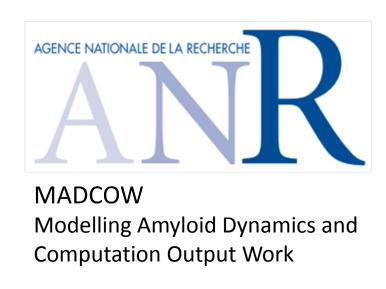
Dynamics of the prion proliferation

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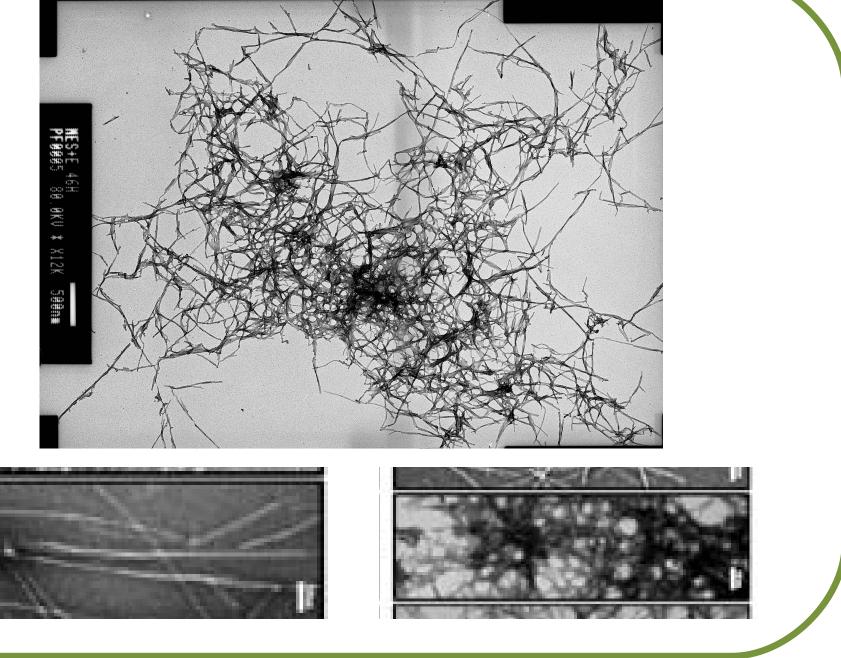
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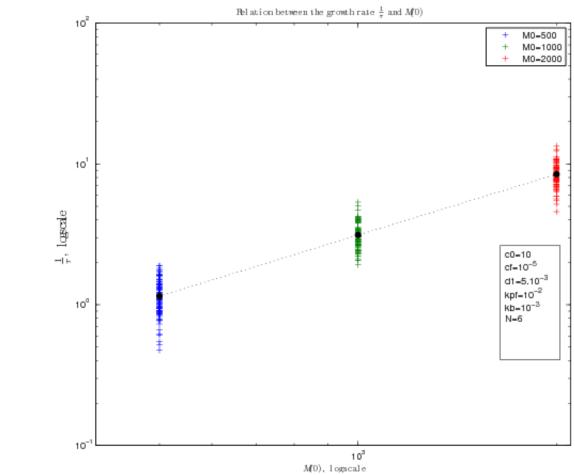




•Interactions between different structures (strain) can then be of importance.



But the growth rate is also dependent of the initial population. This contradicts data, although the variability put into perspective this dependency



Both quantities are somewhat correlated, although here again variability

CONCLUSION:

This preliminary work shows that a stochastic nucleation-polymerization model can explain the observed variability. In a stochastic description, discrete events are responsible for the overall dynamic. Variability can also be an artifact to some observable experimental laws.

