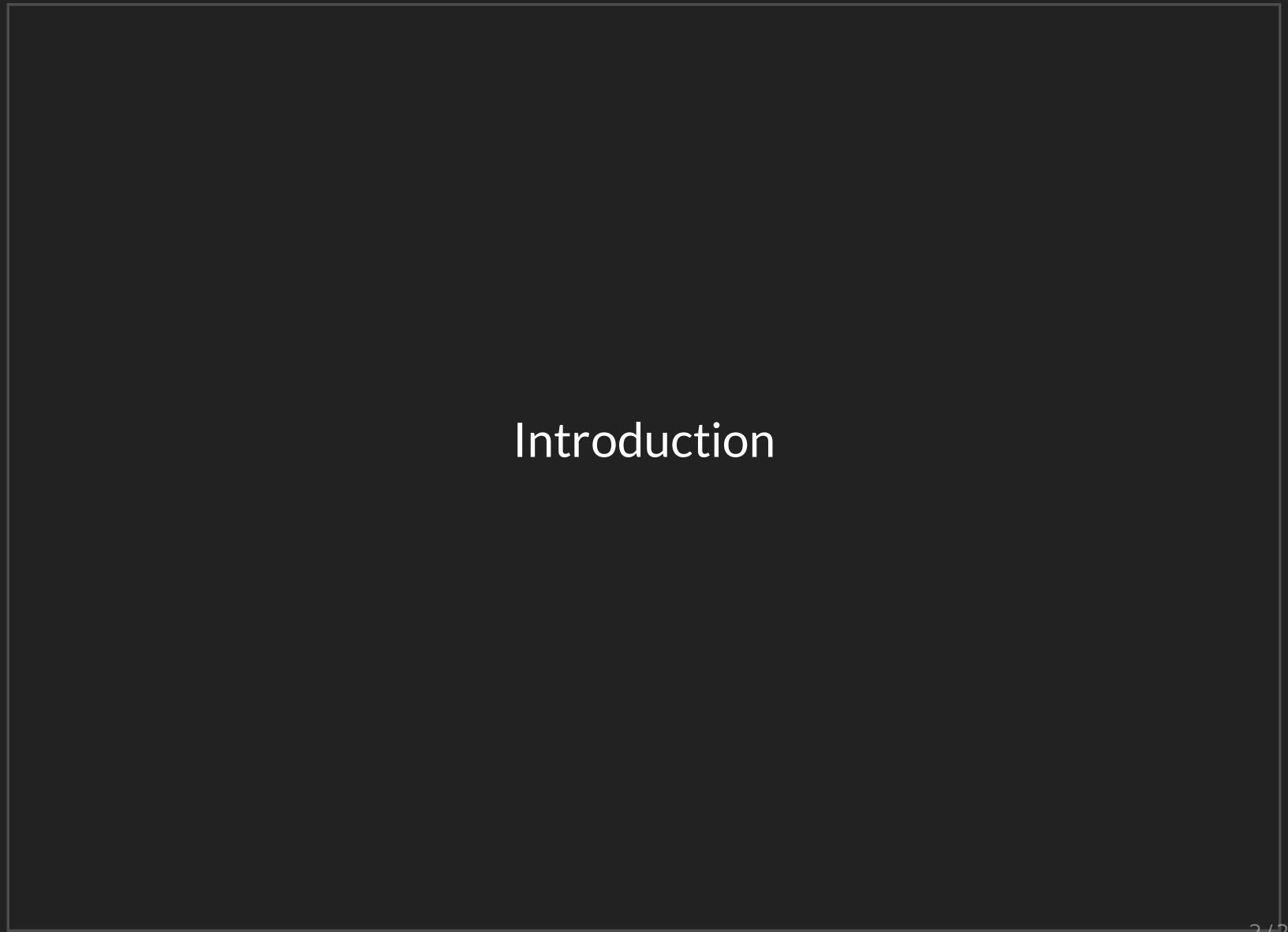
Dynamique des Chromosomes durant la Mitose chez la Levure à Fission

Hadrien Mary

16 décembre 2015



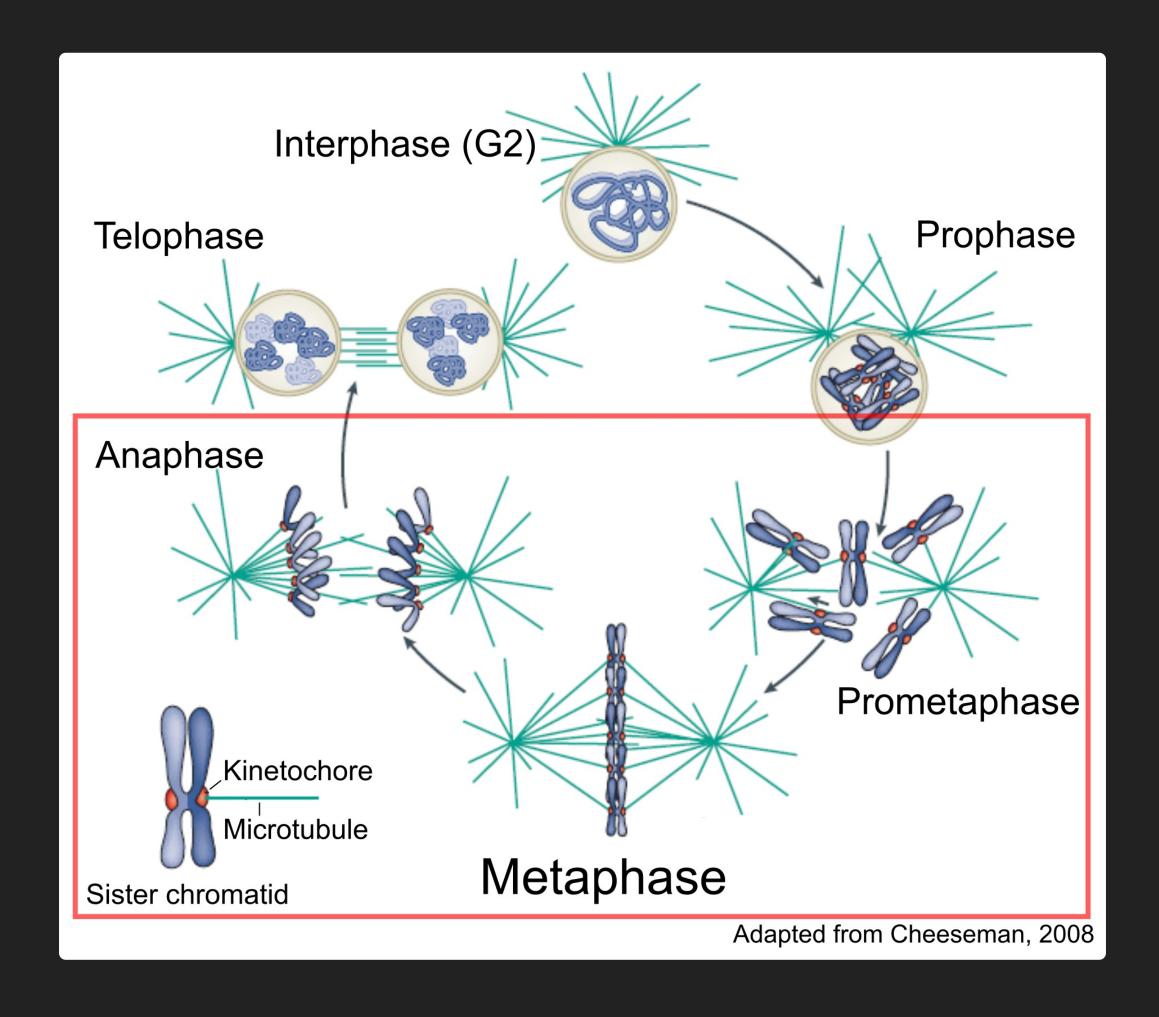
« Le rêve de chaque cellule est de devenir deux cellules. » (François Jacob, 1974)

Haemanthus katherinae cell, Bajer, 1956 (time x300)

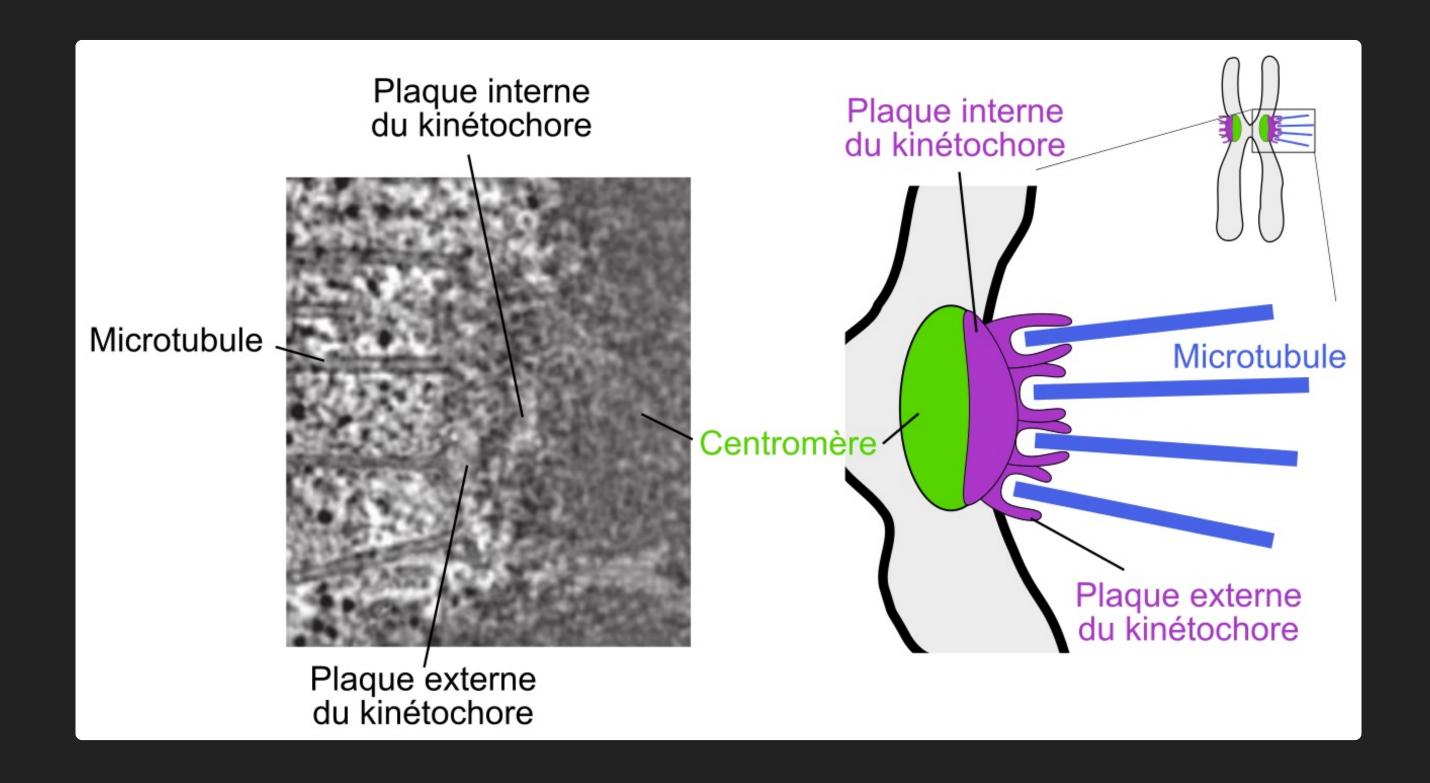
« Le rêve de chaque cellule est de devenir deux cellules. » (François Jacob, 1974)

Haemanthus katherinae cell, Bajer, 1956 (time x300)

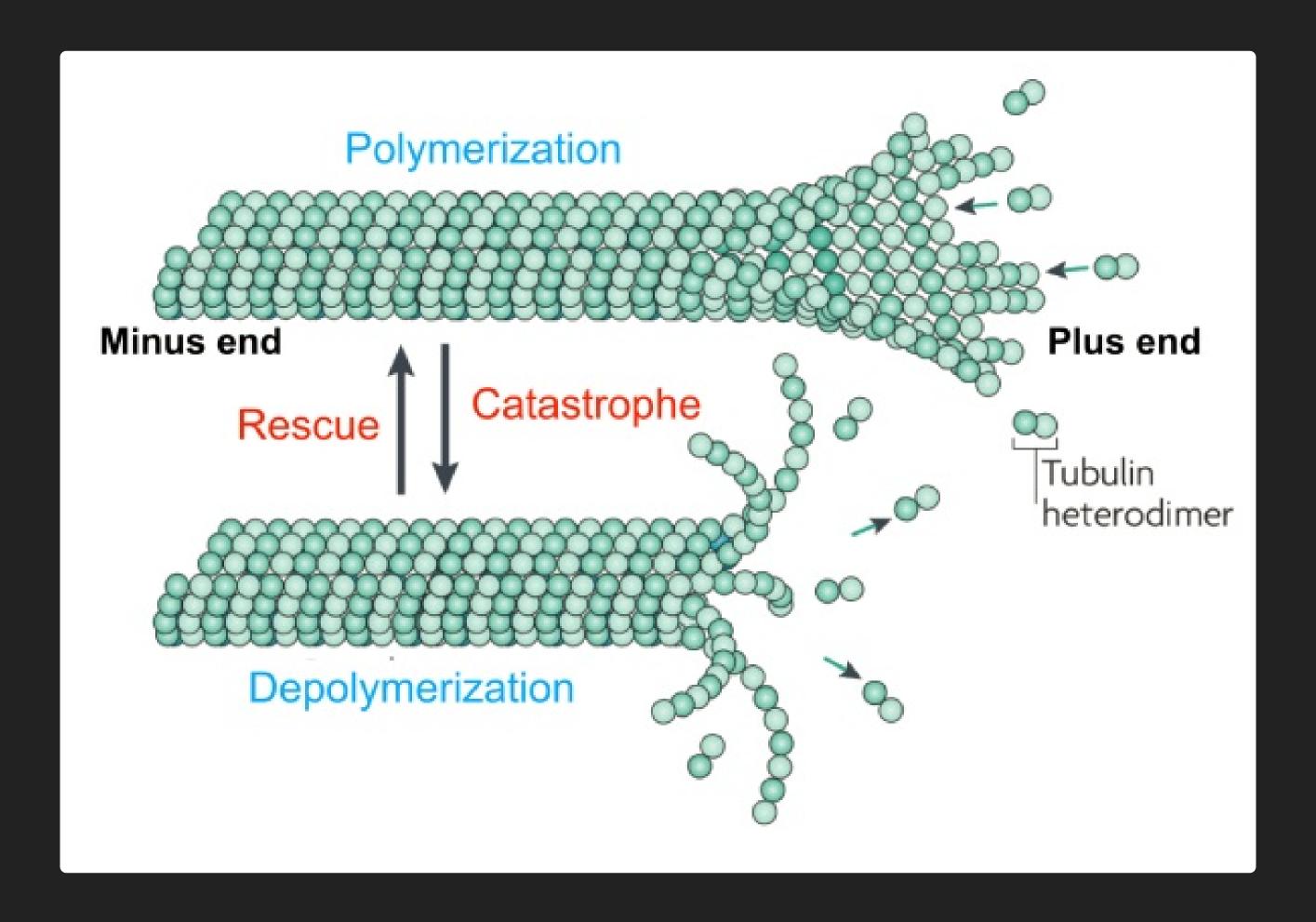




Le kinétochore



Les microtubules



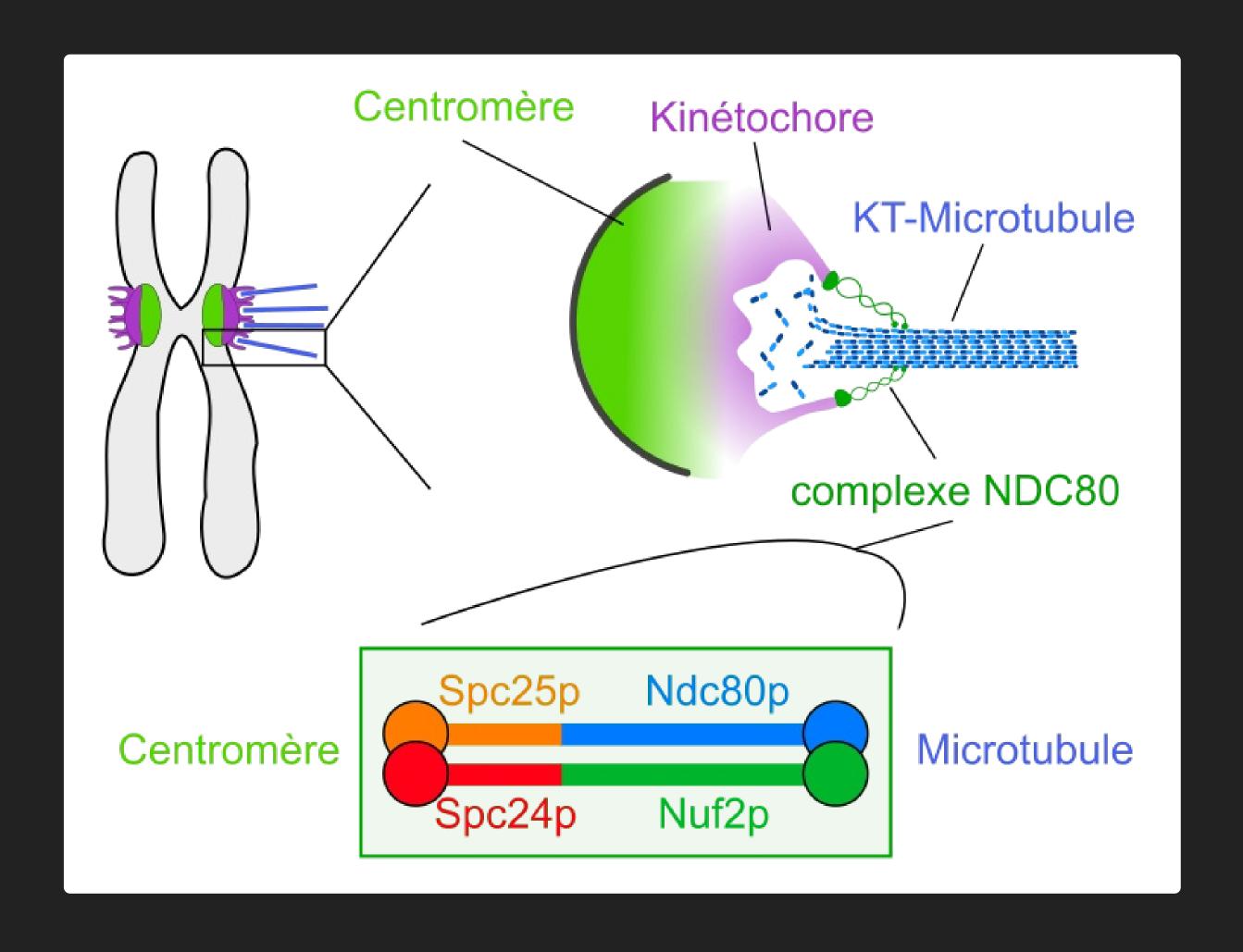
L'attachement entre le kinétochore et les microtubules

PtK1 cell, Cimini, 2004

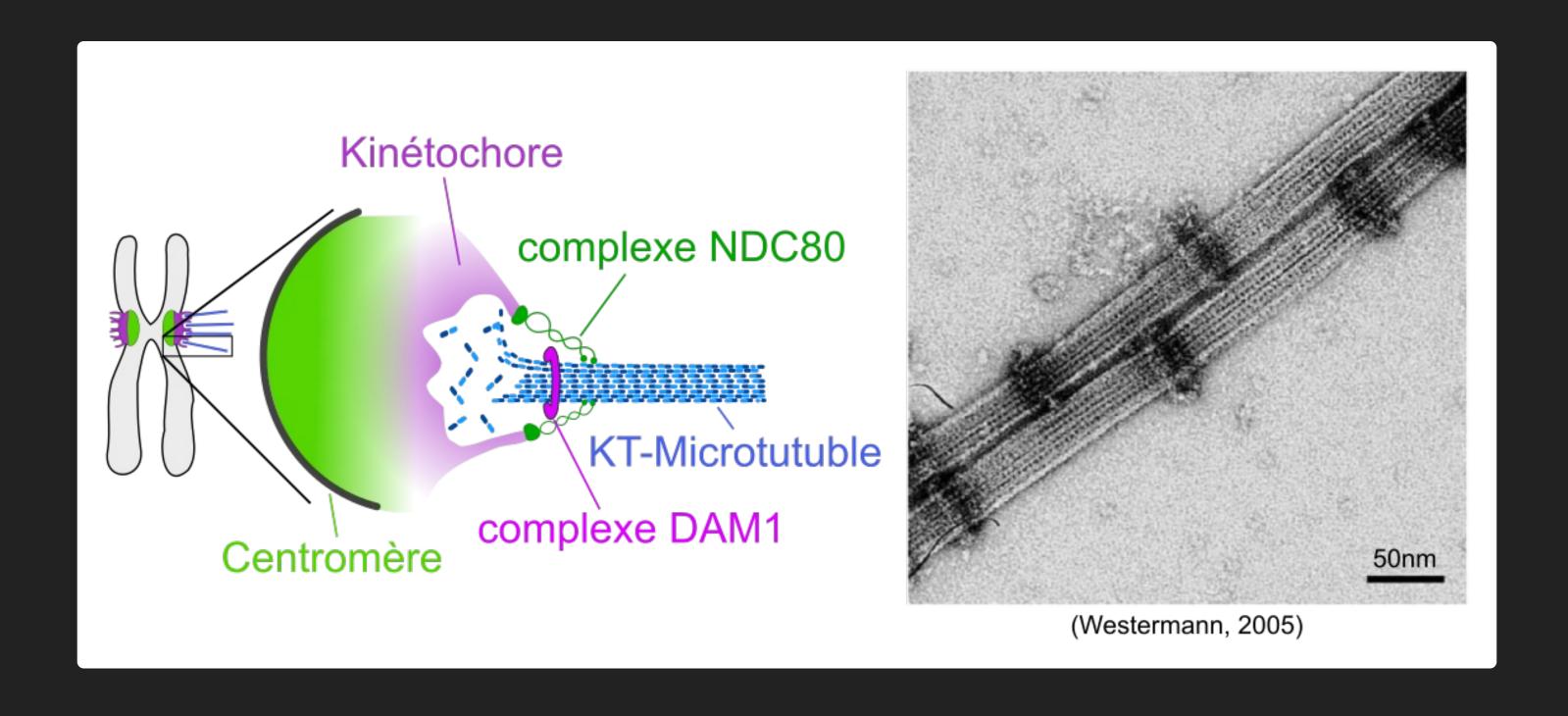
L'attachement entre le kinétochore et les microtubules

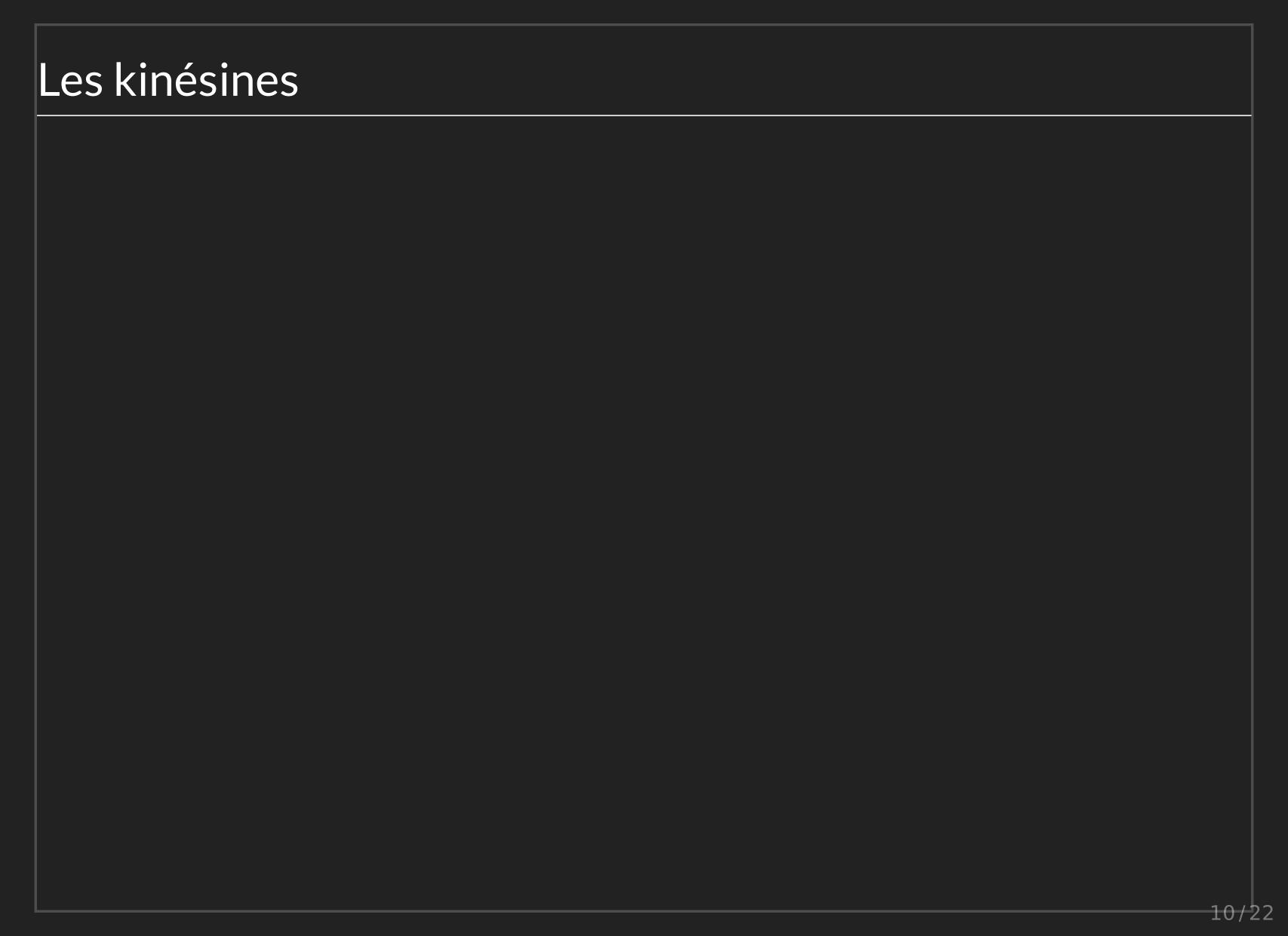
PtK1 cell, Cimini, 2004

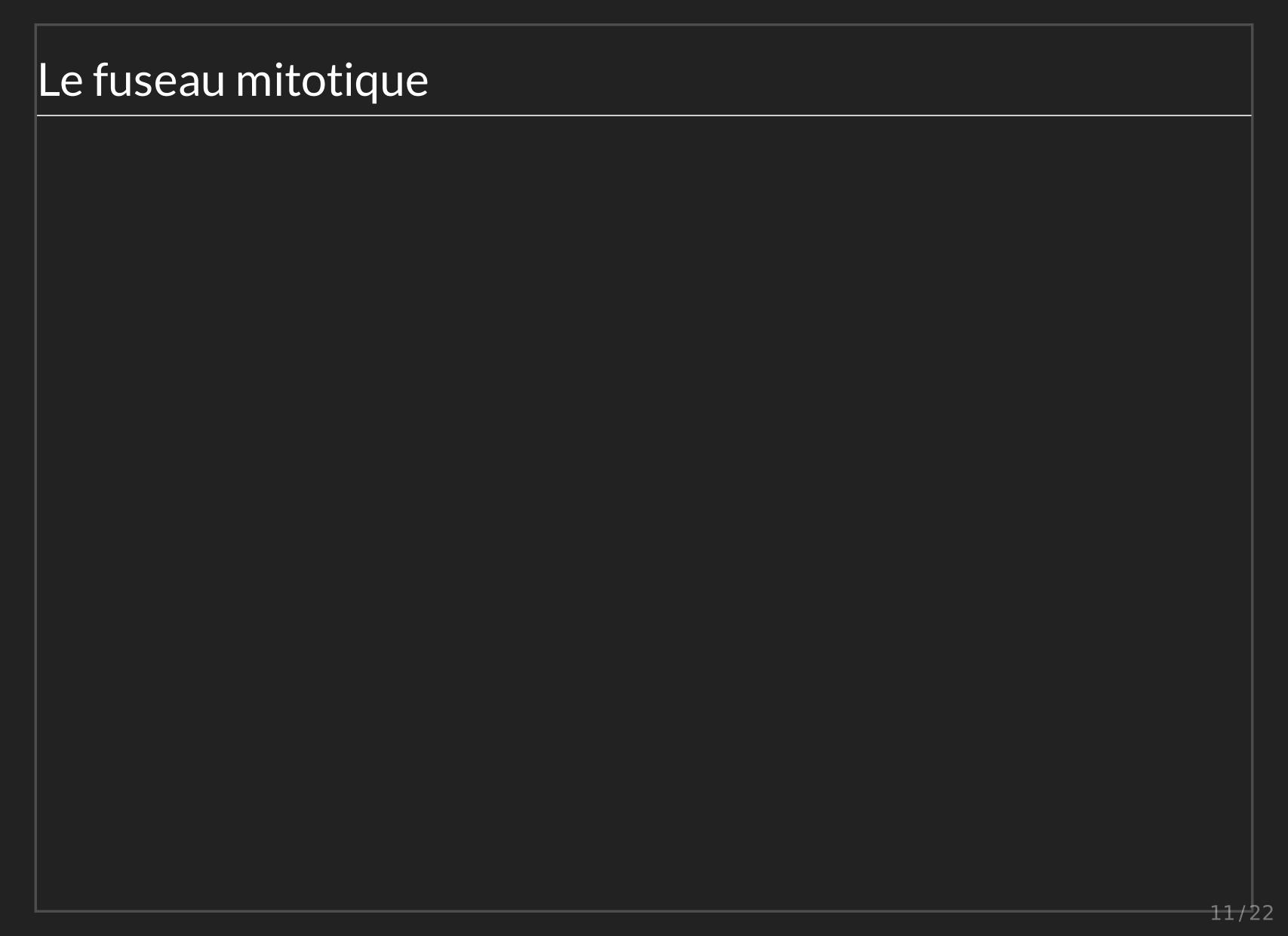
L'attachement : le complexe NDC80



L'attachement : le complexe DAM1





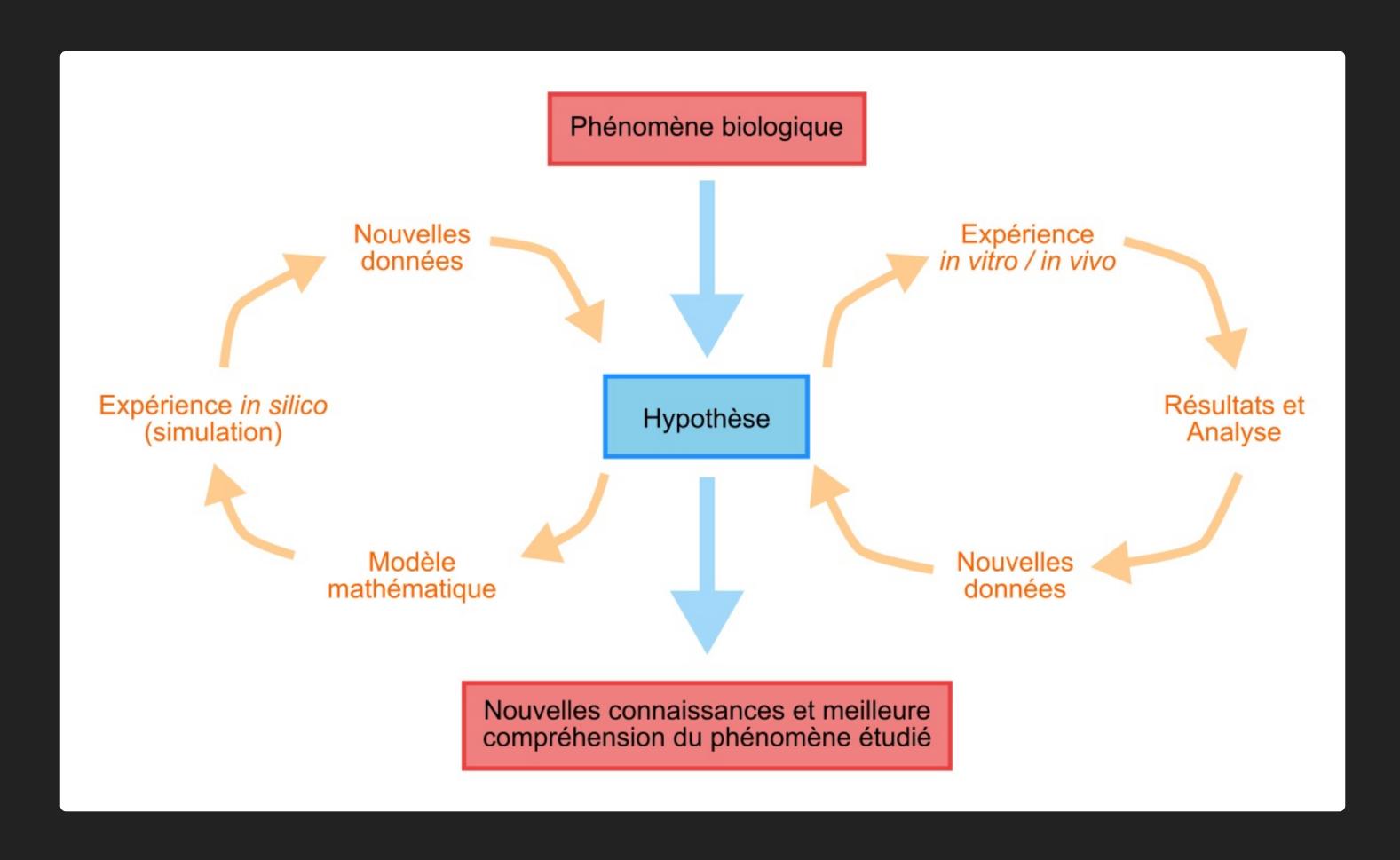


La métaphase : point d'orgue de la division cellulaire

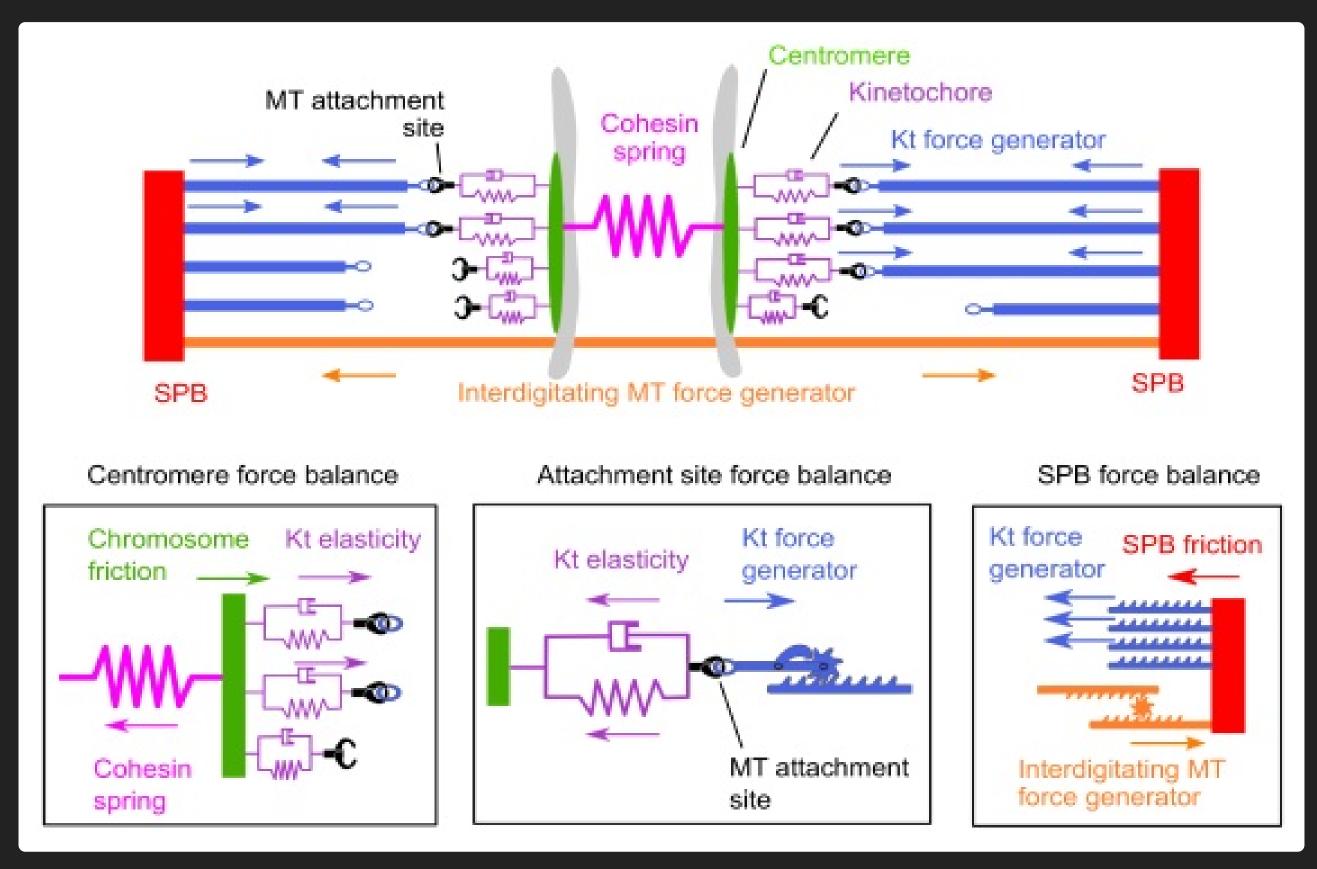
PtK1 cell, Cimini, 2004

HeLa cell, Stumpff, 2008

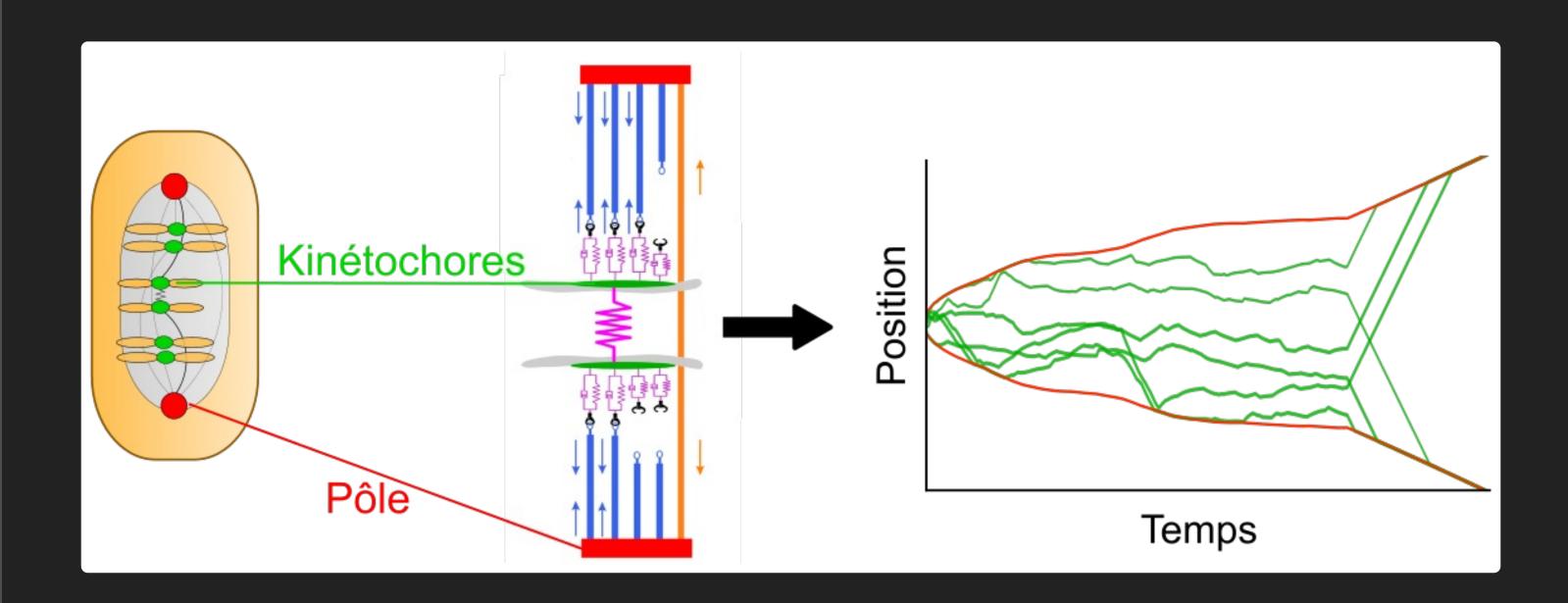
La modélisation en biologie



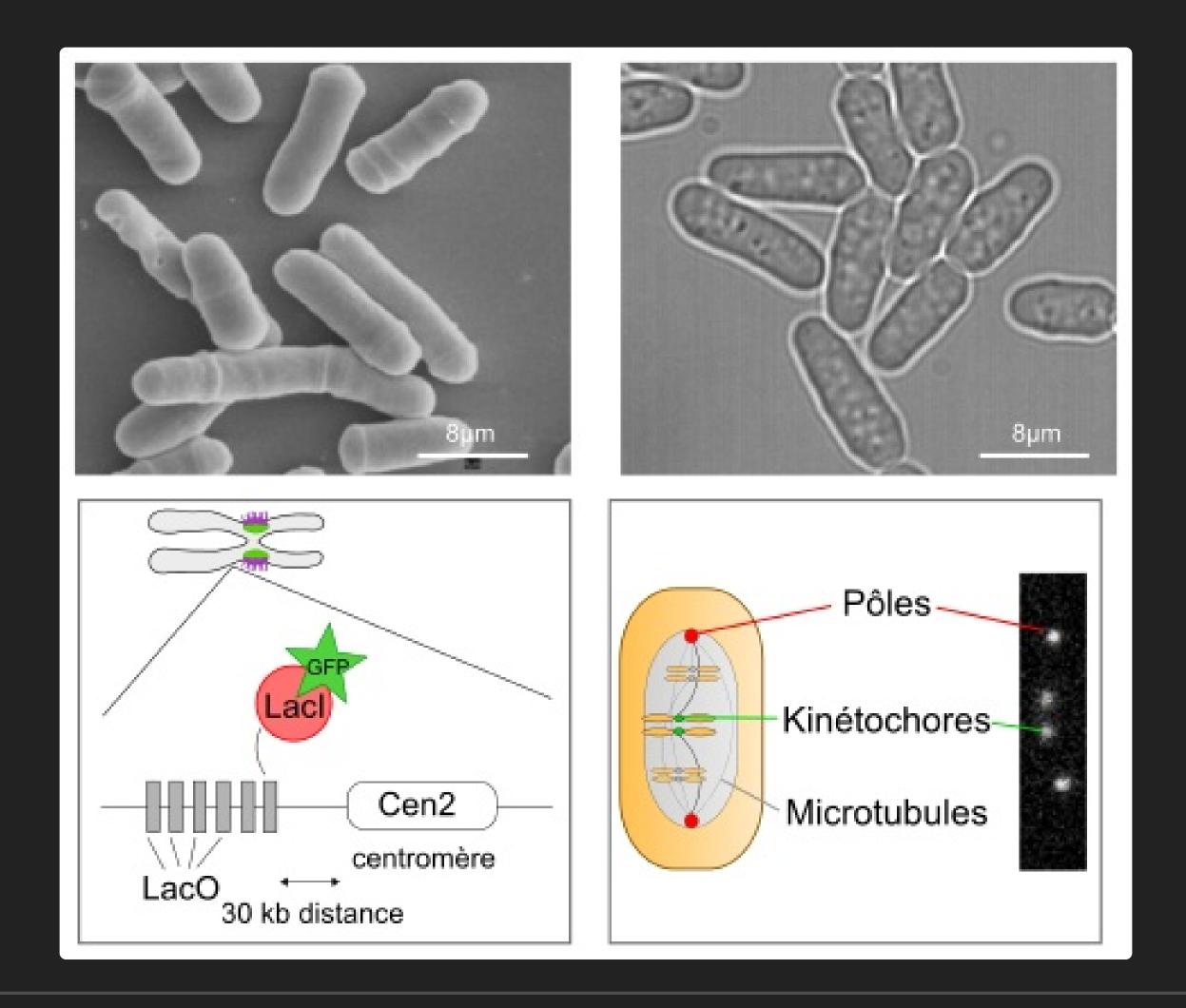
Modélisation mathématique de la ségrégation des chromosomes : la théorie

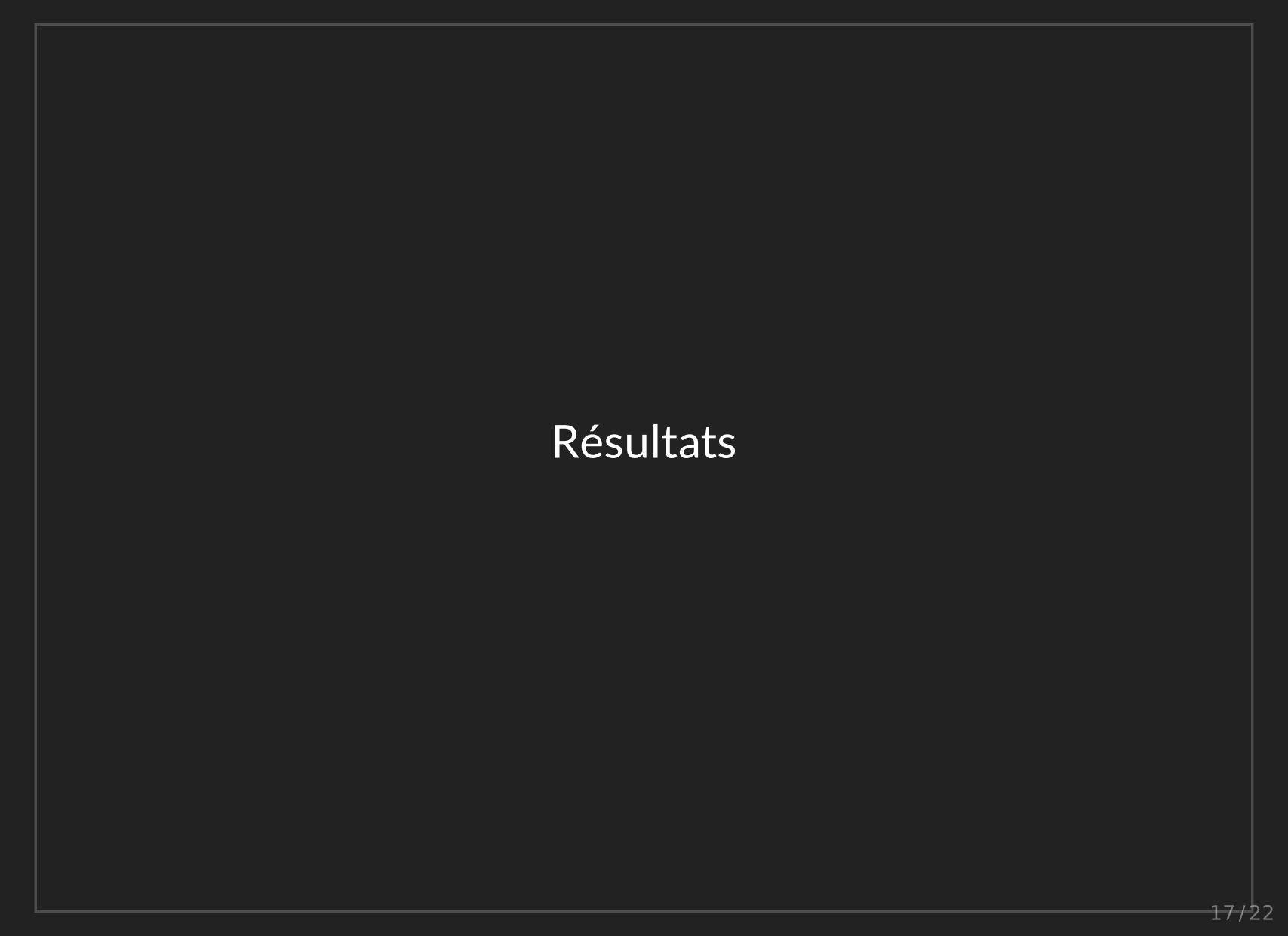


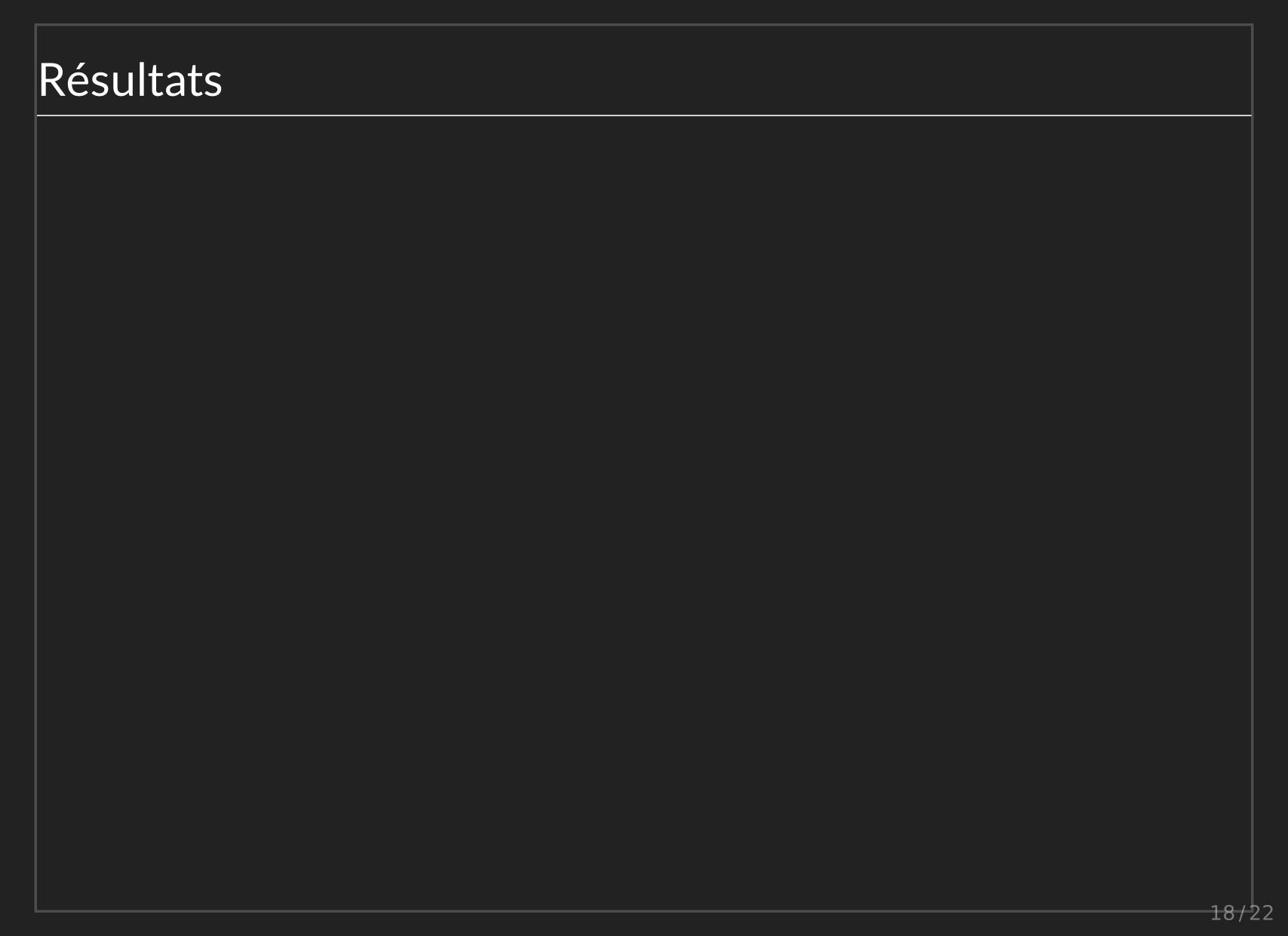
Modélisation mathématique de la ségrégation des chromosomes : la pratique

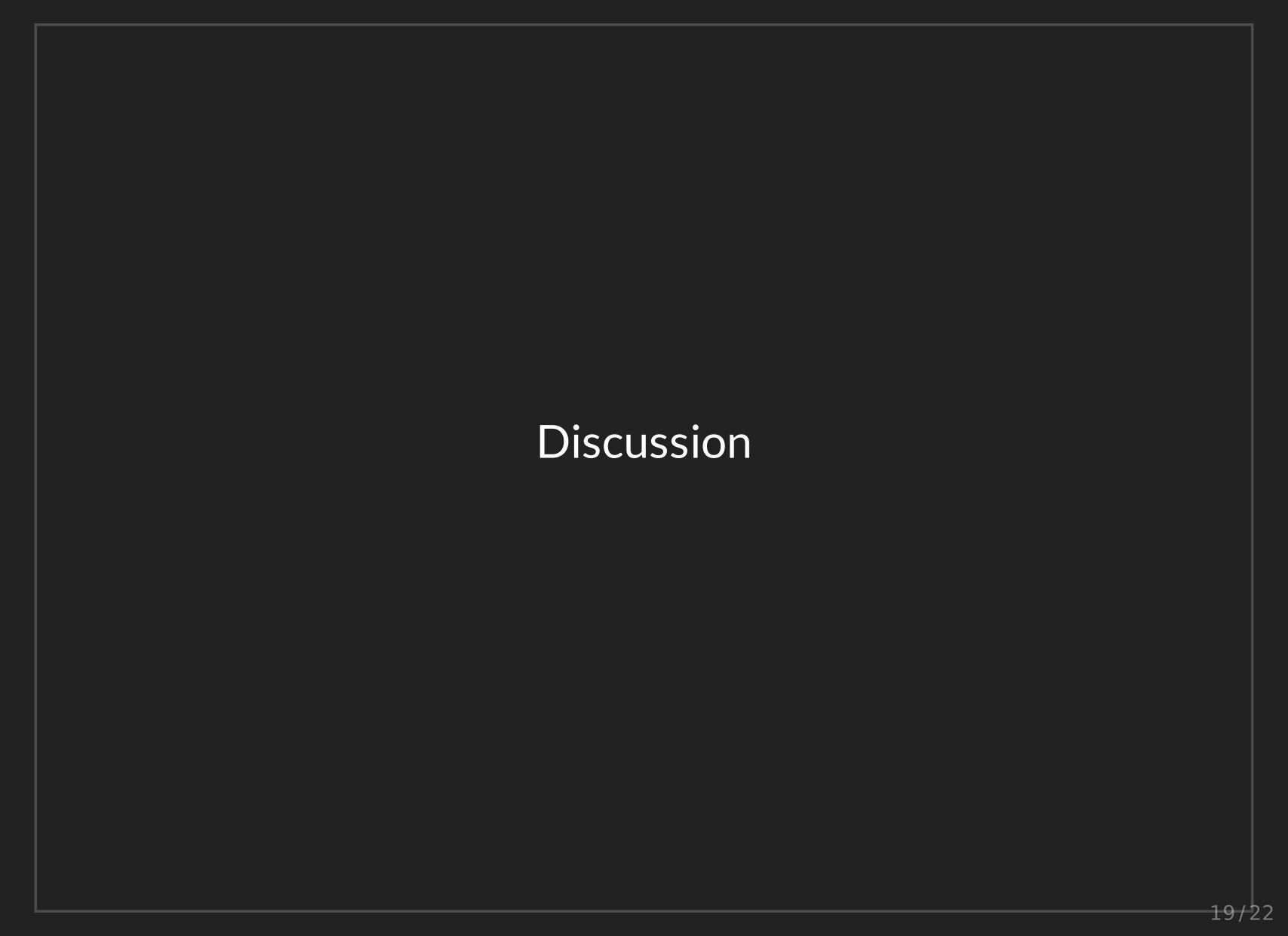


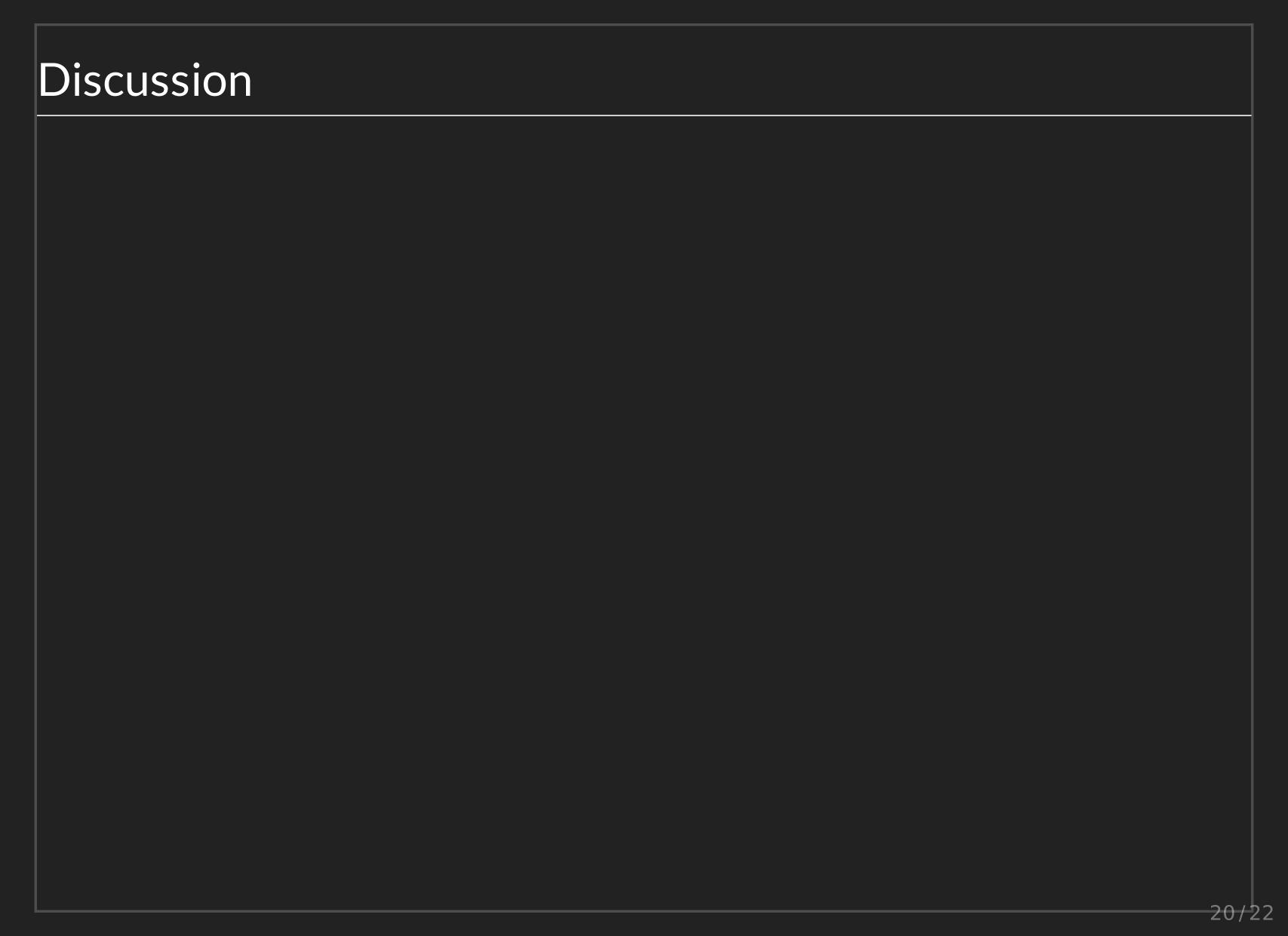
Un modèle biologique idéal : Schizosaccharomyces pombe











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