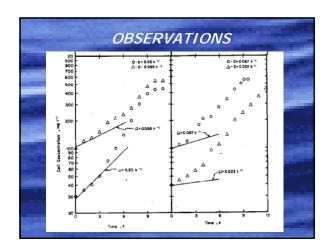


Contenu de la présentation

- Problématique
 Hypothèses des modèles ASM
 Ajustements métaboliques
- Modèle proposé
- · Calage du modèle



Hypothèse des modèles ASM Selon Monod (1942)

$$\mu = \mu_{\text{max}} * \frac{S}{K_S + S}$$

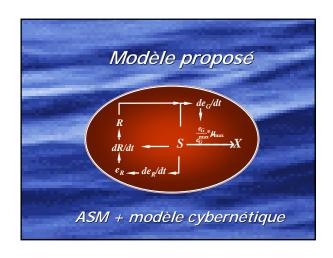
1 Cellule = 1 enzyme

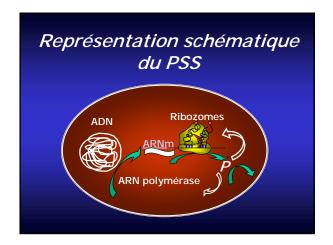
Problématique

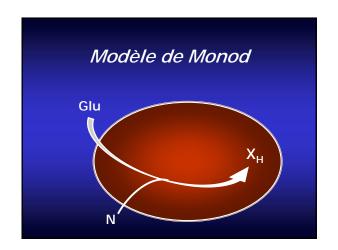
Évaluation de la variable Activité spécifique de la biomasse active

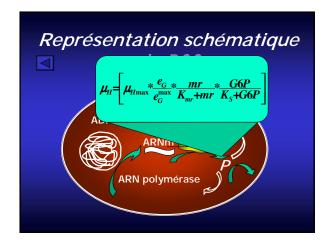
OBJECTIFS

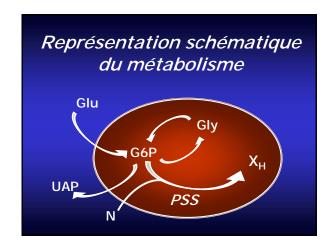
- -Modéliser systèmes à charge variable
- -Établir des stratégies

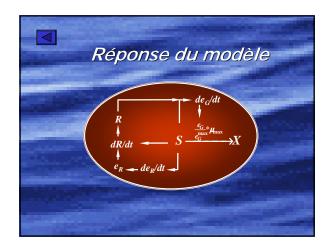


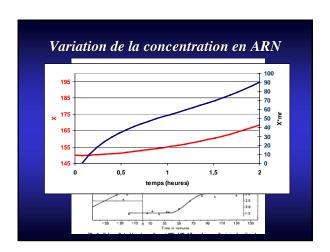


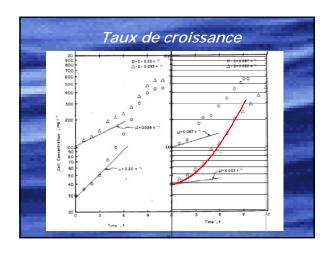


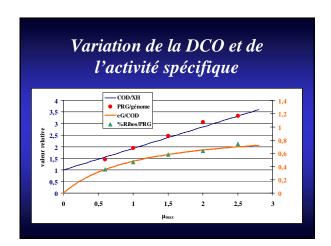


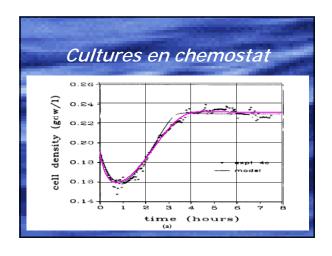


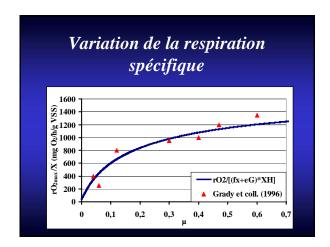


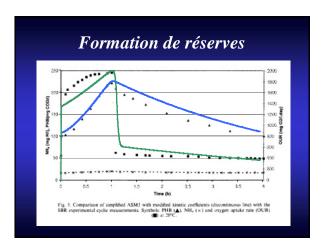












CONCLUSION

- · Variation de l'activité spécifique
- Modèle proposé peut être calé sur certains résultats de la littérature
- OBJECTIFS
 - -Modéliser systèmes à charge variable
 - -Établir des stratégies



