

Mécanismes d'échappement immunitaire des Orthopoxvirus

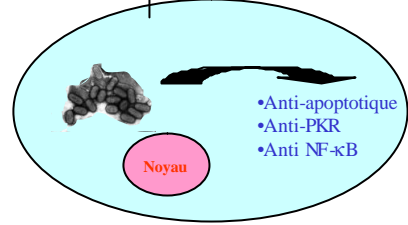


Frédérique Messud-Petit et Stéphane Bertagnoli
 Groupe Virologie
 UMR 1225 IHAP
 INRA/ Ecole Vétérinaire
 Toulouse, France



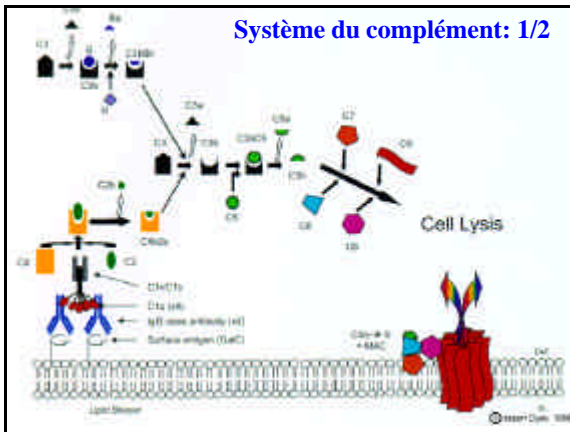
Fixe les chimiokines Pseudo CD30 Pseudorécepteurs IL-1; IL-18; IFN; TNF

Fixe le complément

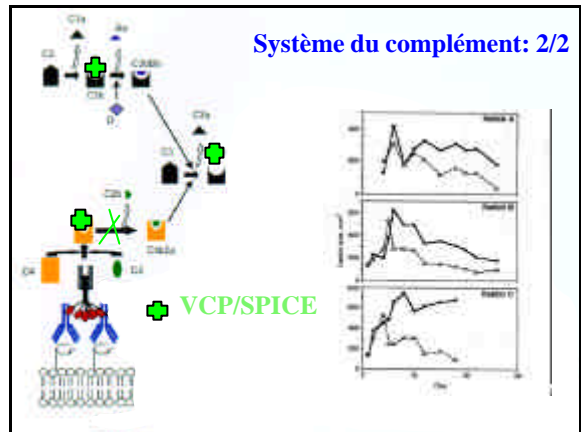


Piratage: Schéma général

Système du complément: 1/2



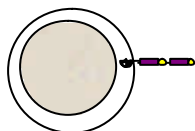
Système du complément: 2/2



Pseudo CD30: 1/3

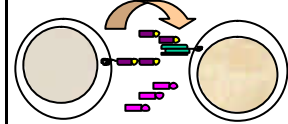
CD30

CD153



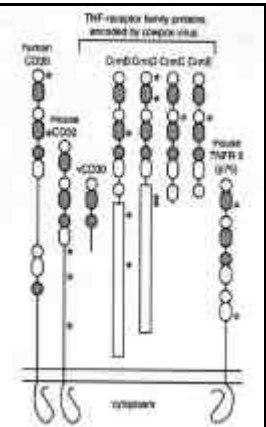
- Cellules B & T
- Macrophages
- NK
- Cellules B/T activées
- Monocytes - Macrophages
- Neutrophiles - eosinophiles

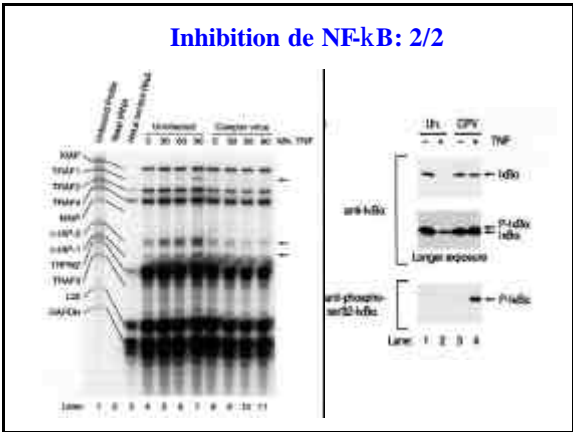
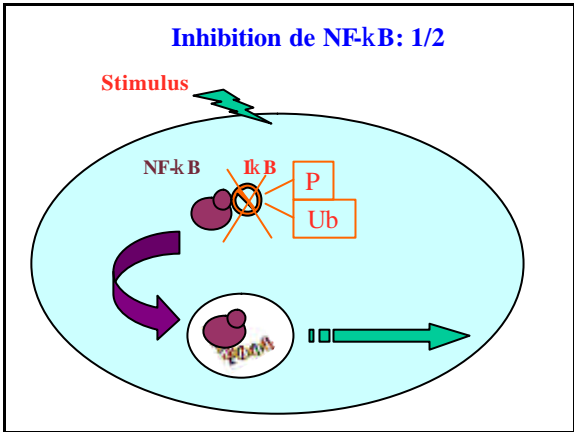
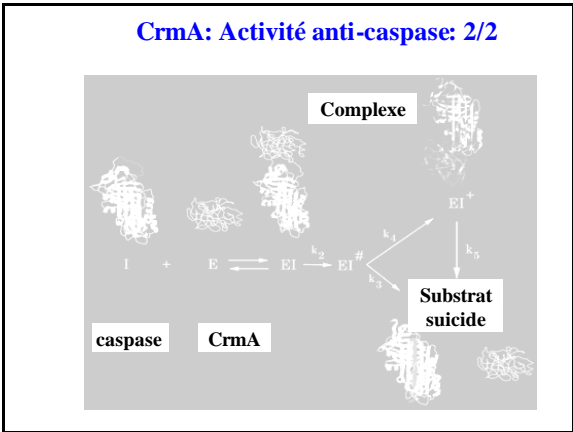
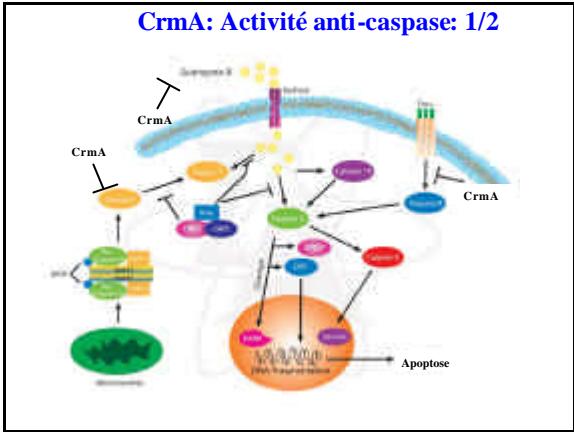
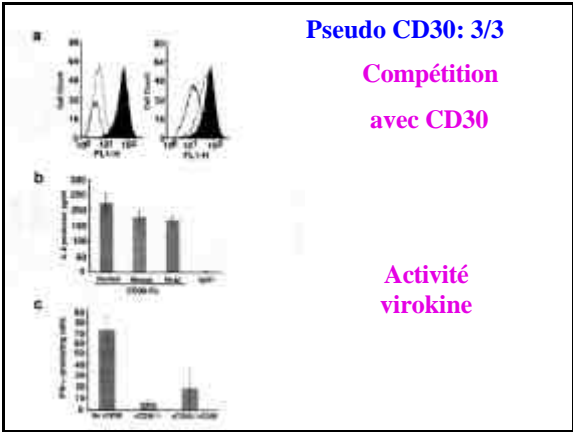
CD30 CD153



Pseudo CD30 viral

Pseudo CD30: 2/3





Conclusion

- Intérêt de la connaissance de ces mécanismes
- Orthopoxvirus: déficit en modèles expérimentaux
- Autres poxvirus modèles à développer