

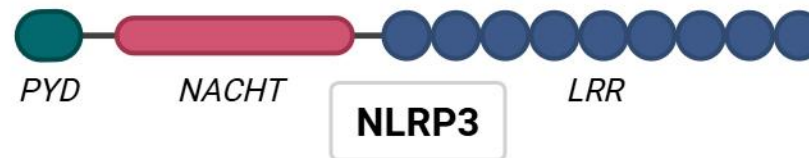
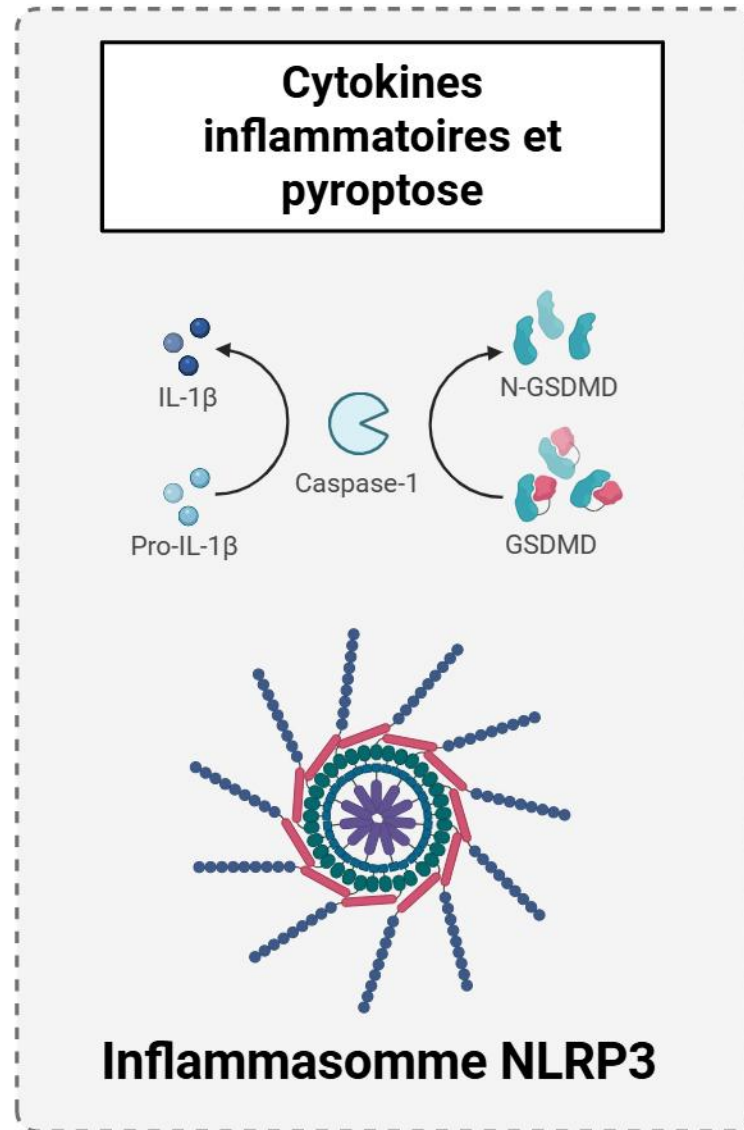
Rôle de NLRP3 dans la biologie des lymphocytes T CD8

Forum du Cancéropole Est – 14^{ème} édition

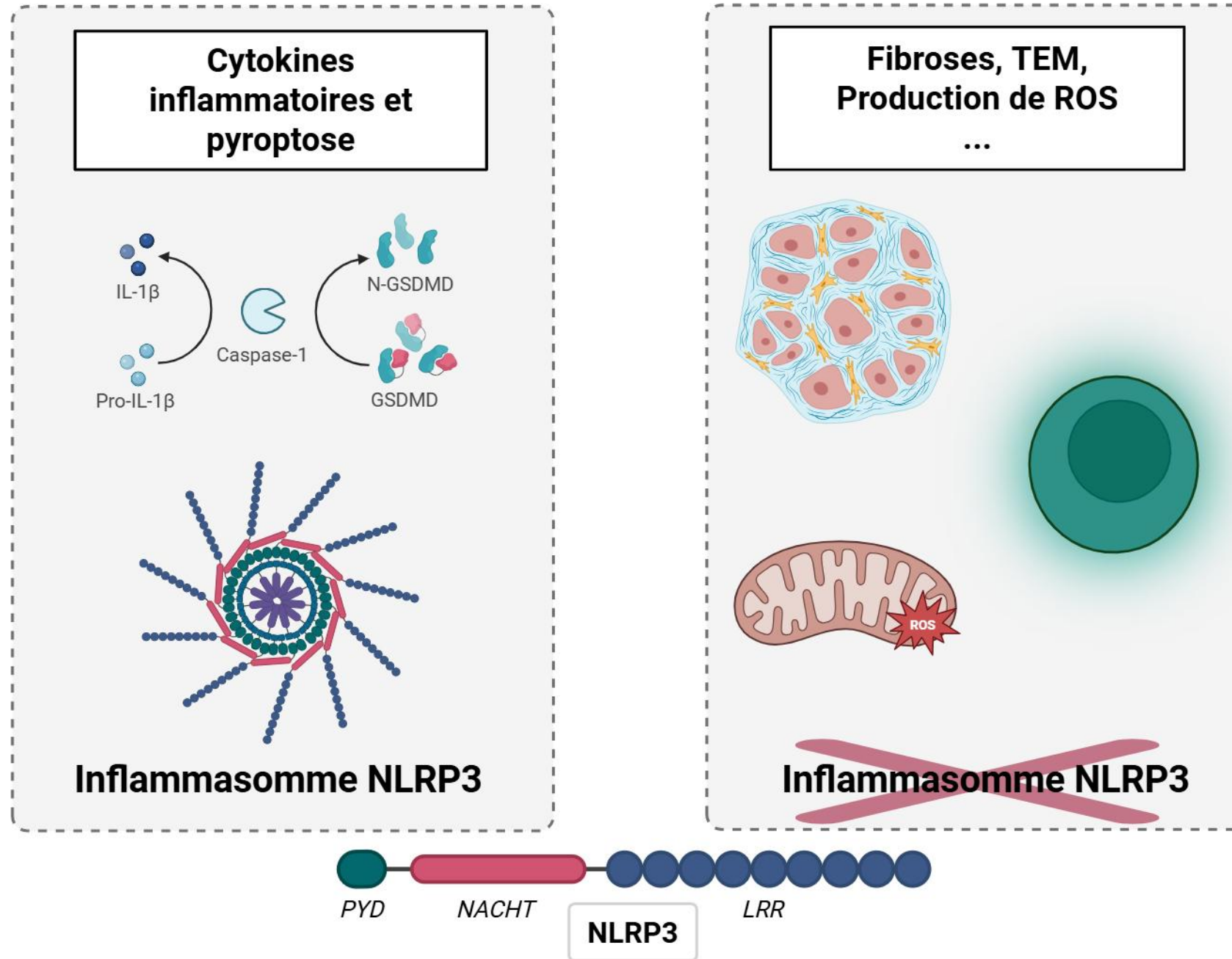
Lylou Milian

Vendredi 28 novembre 2025

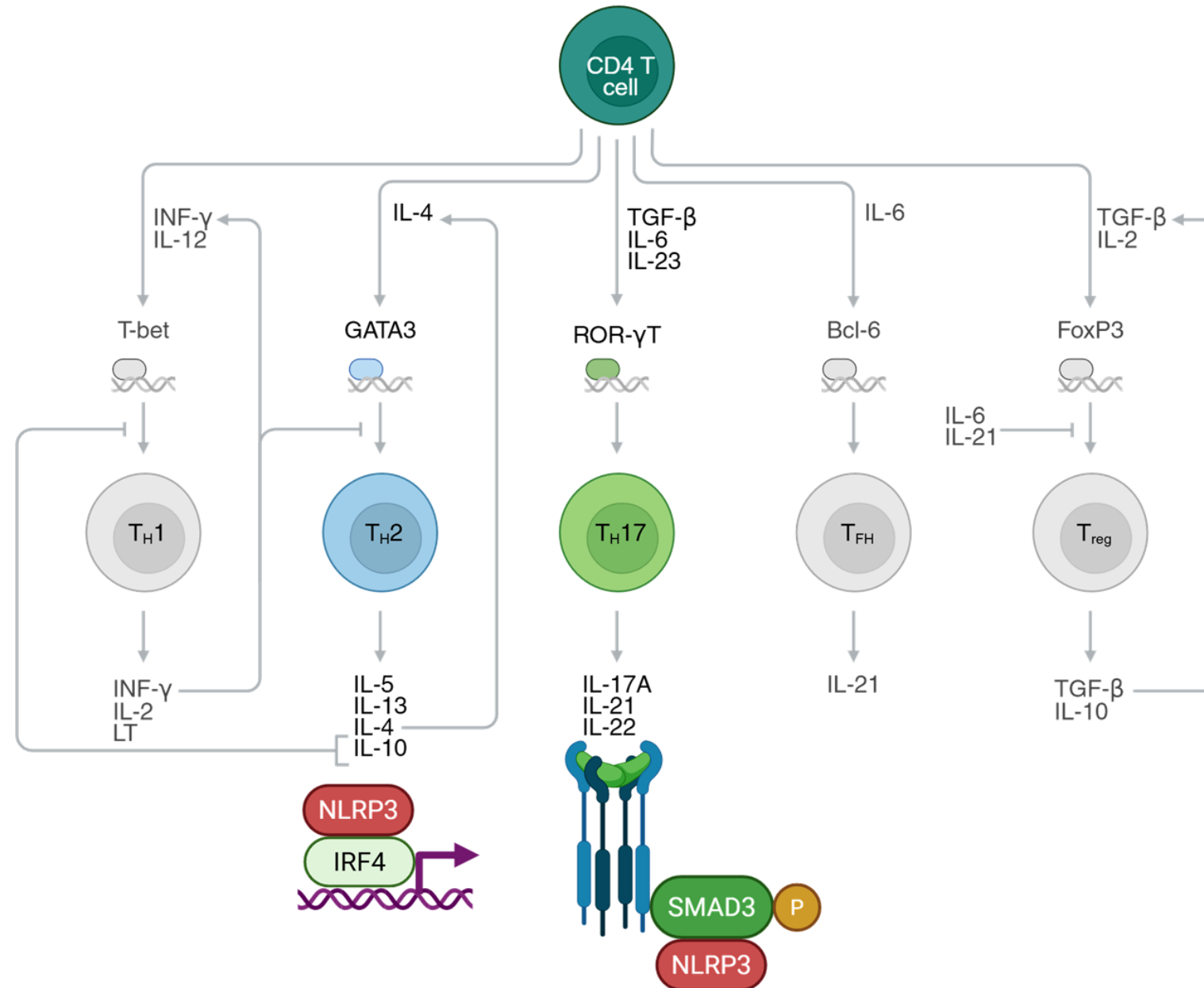
NLRP3



NLRP3

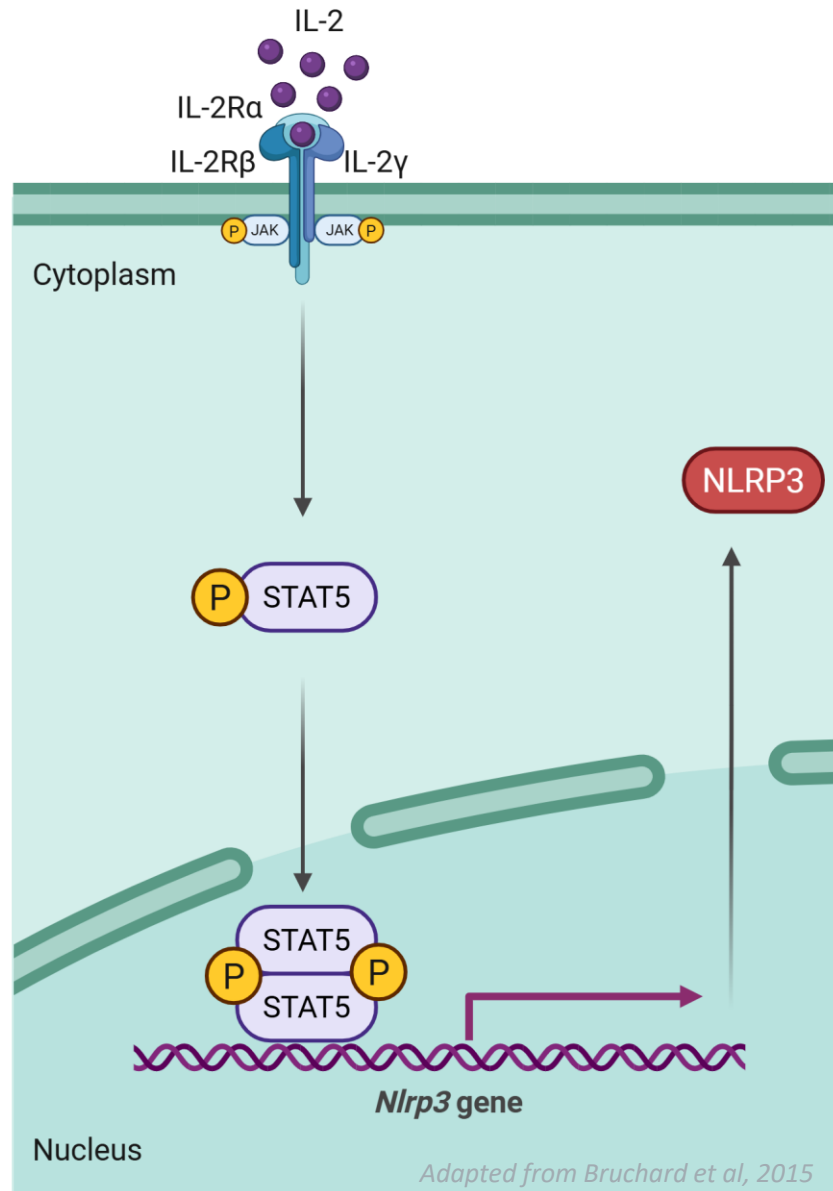


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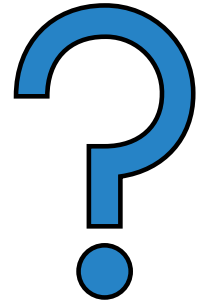
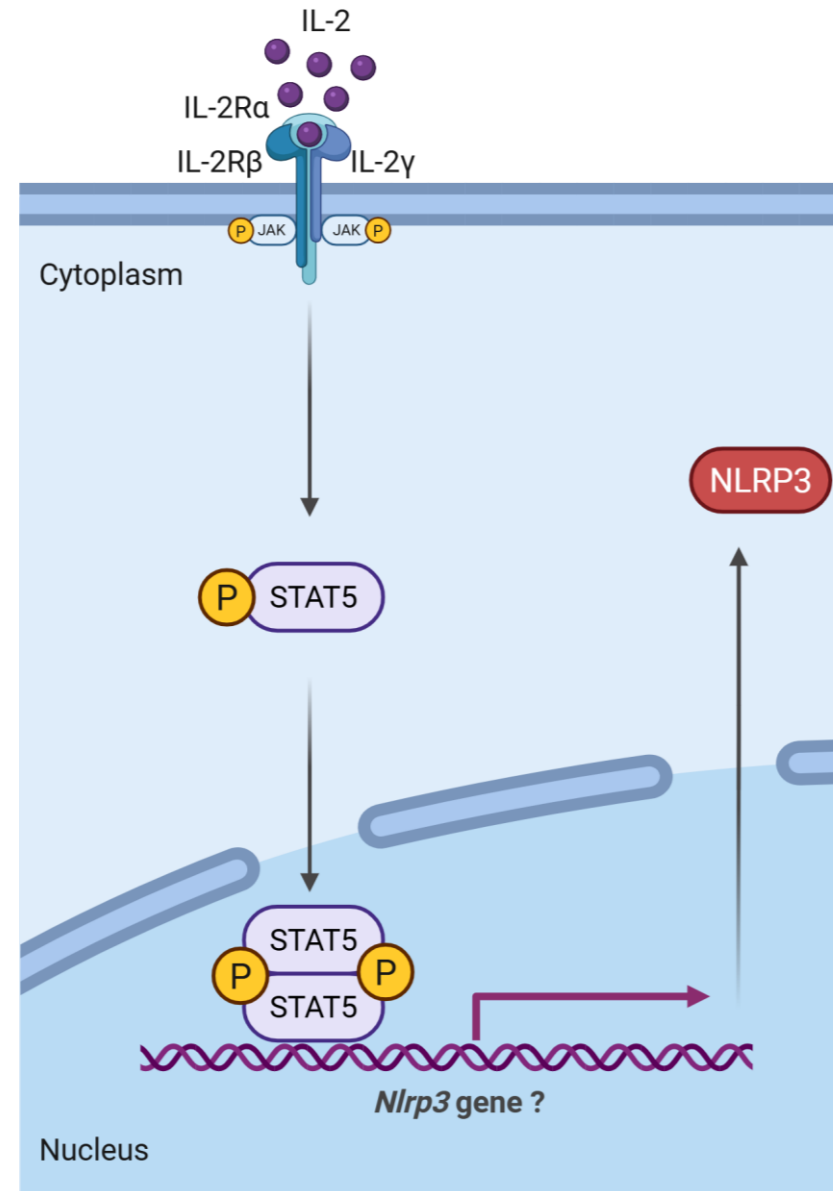


NLRP3

CD4 T cell

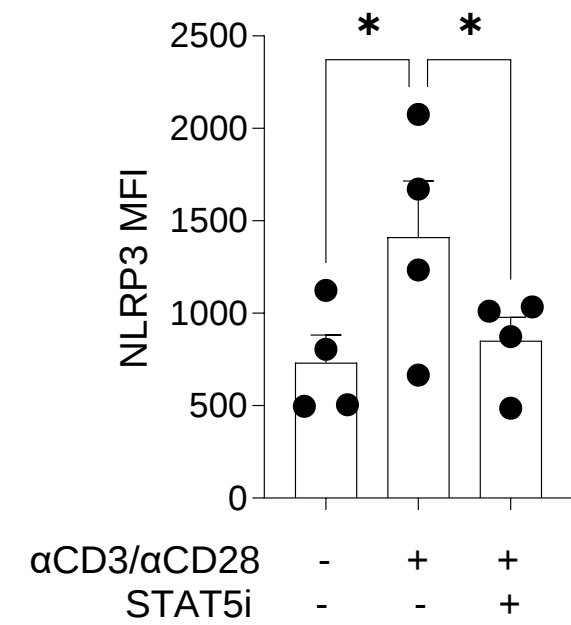
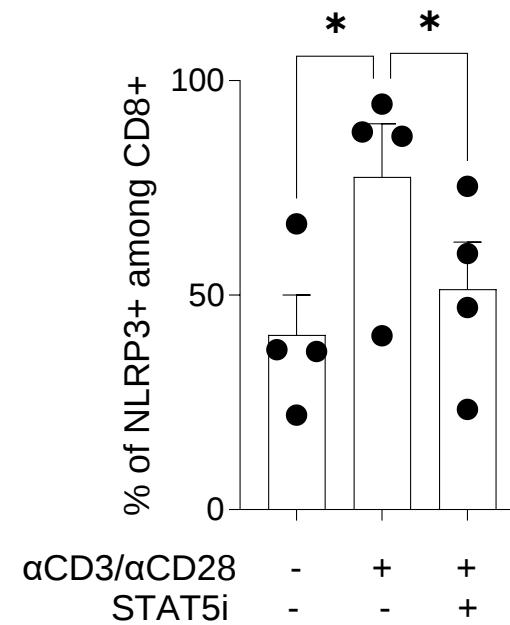
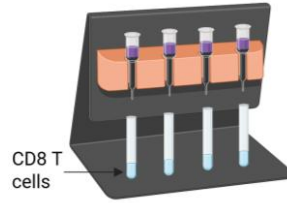
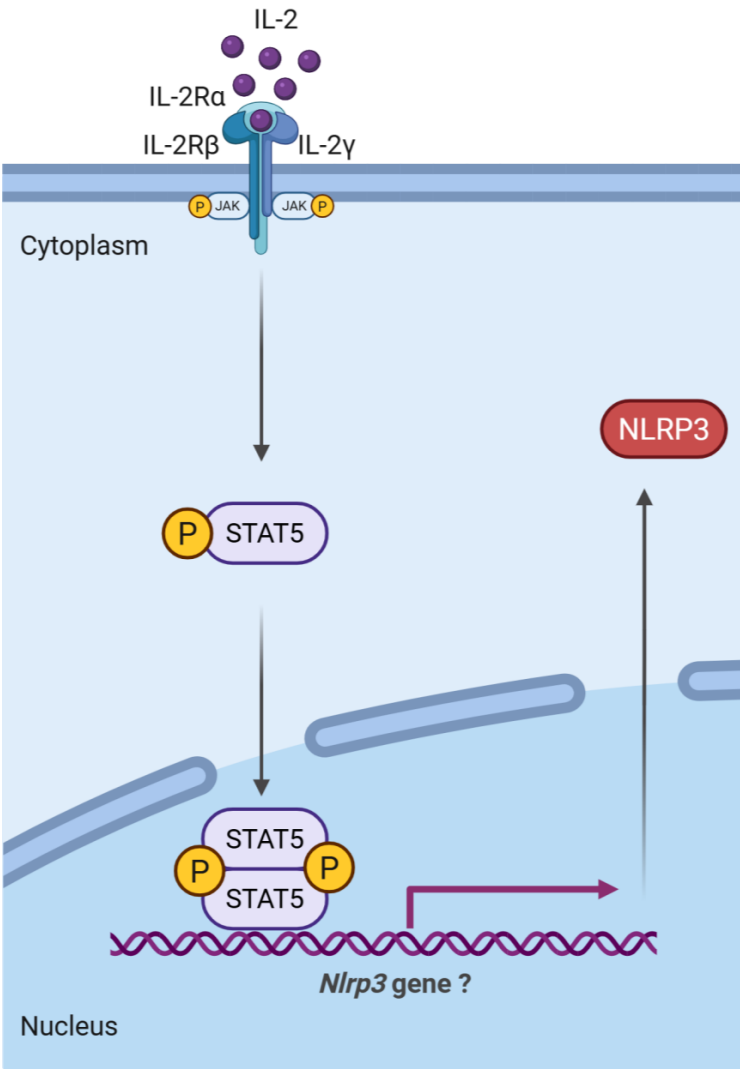


CD8 T cell

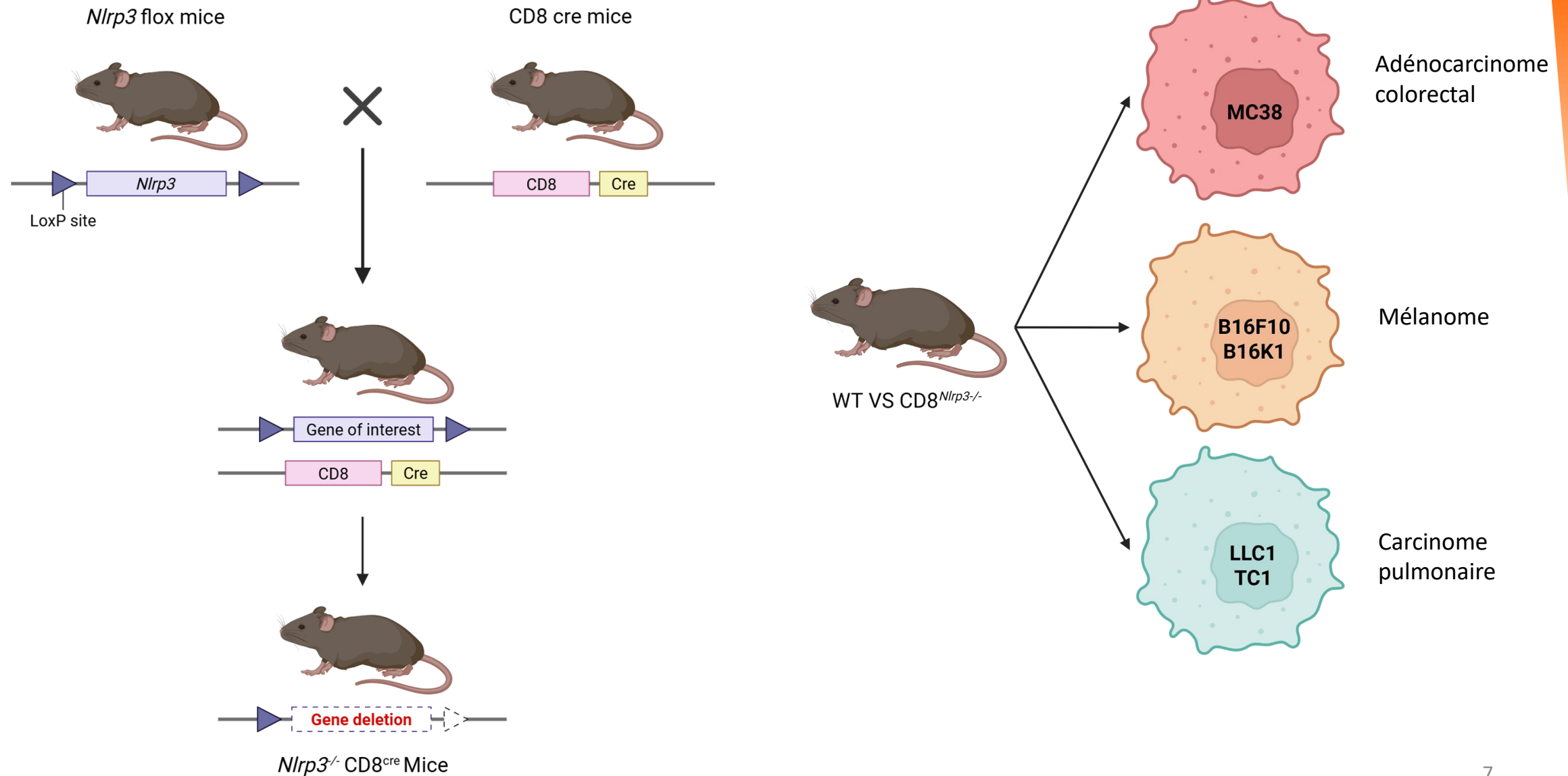


NLRP3

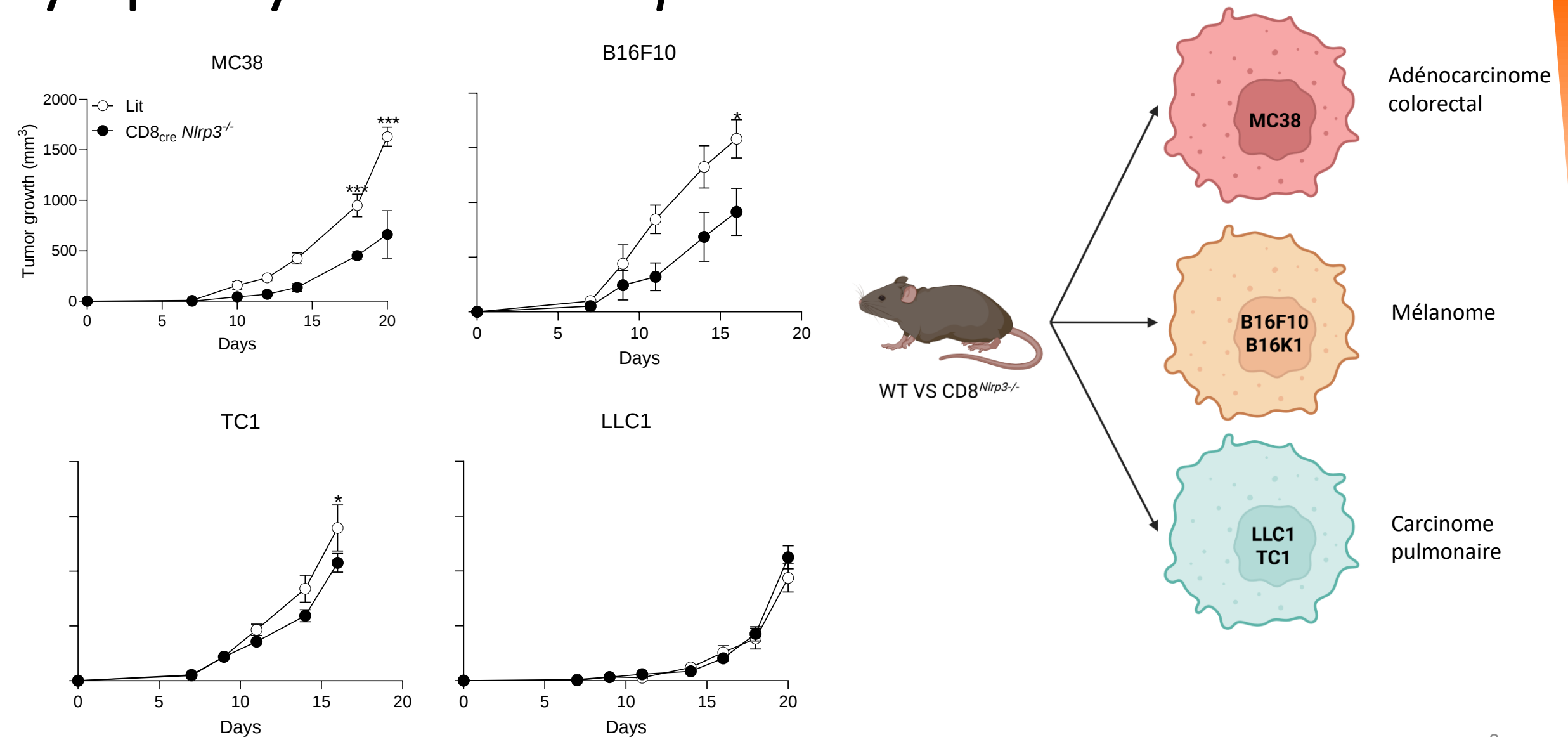
CD8 T cell



Lymphocytes T CD8 *Nlrp3*^{-/-} infiltrants



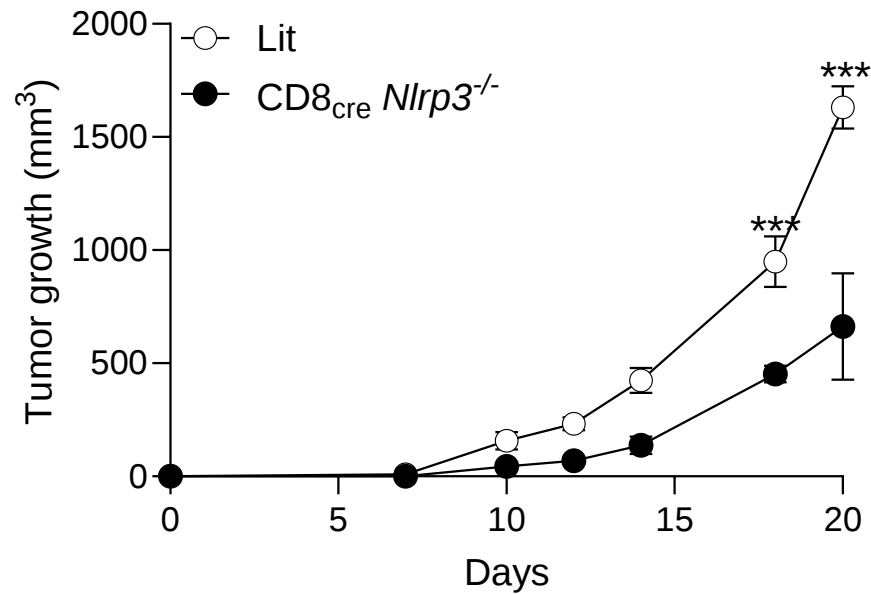
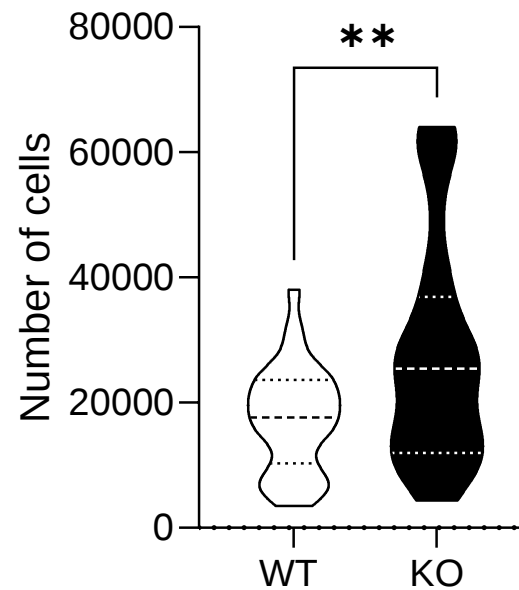
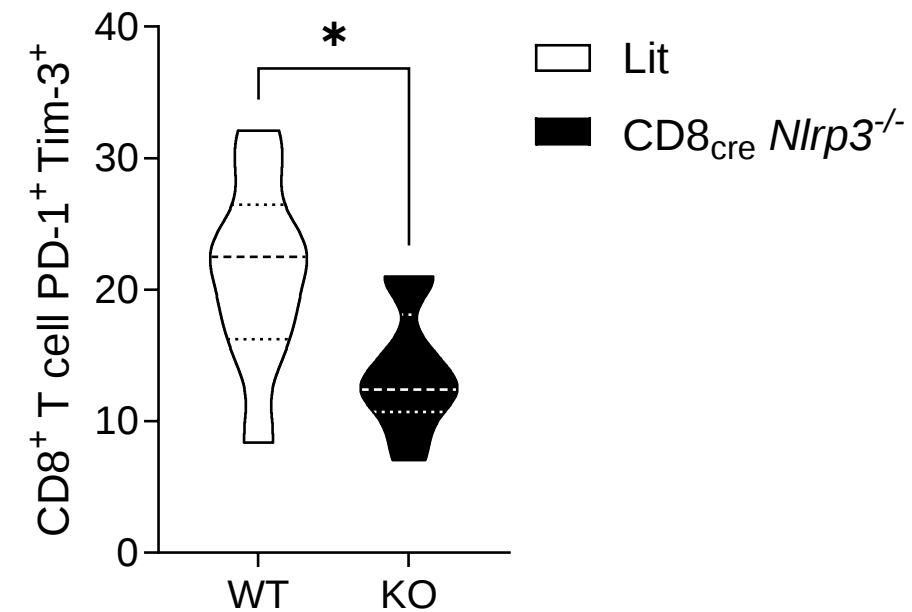
Lymphocytes T CD8 *Nlrp3*^{-/-} infiltrants



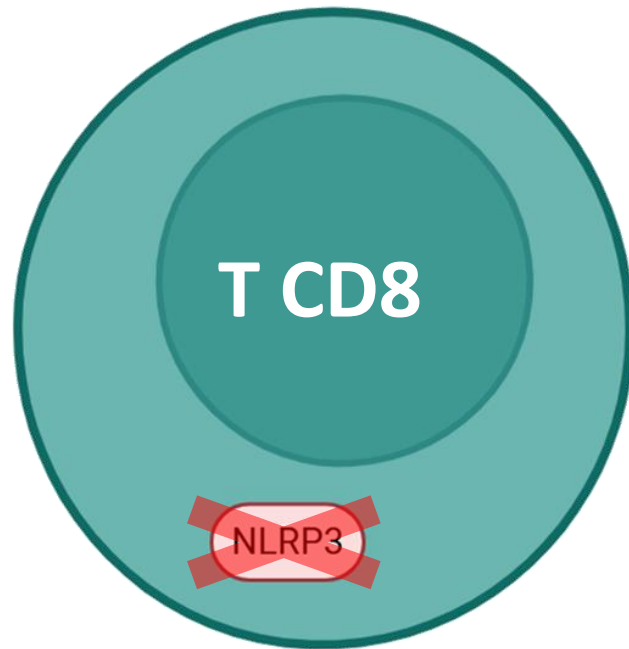
Lymphocytes T CD8 *Nlrp3*^{-/-} infiltrants



MC38

Number of CD8⁺ T cells% exhausted CD8⁺ T cells

Lymphocytes T CD8 *Nlrp3*^{-/-} infiltrants



Ralentissement de la croissance tumoral

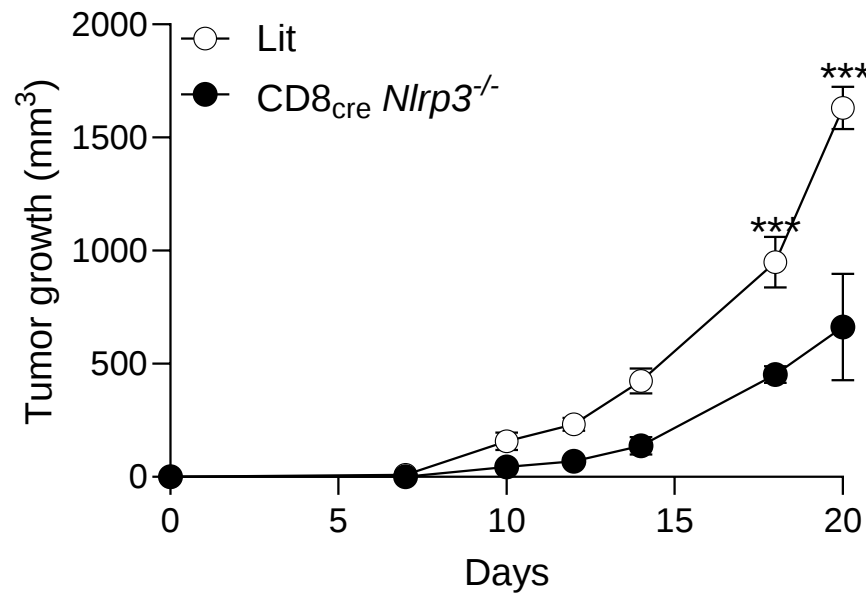
T CD8 *Nlrp3*^{-/-} présents en plus grande proportion

T CD8 *Nlrp3*^{-/-} sont plus activés et moins épuisés

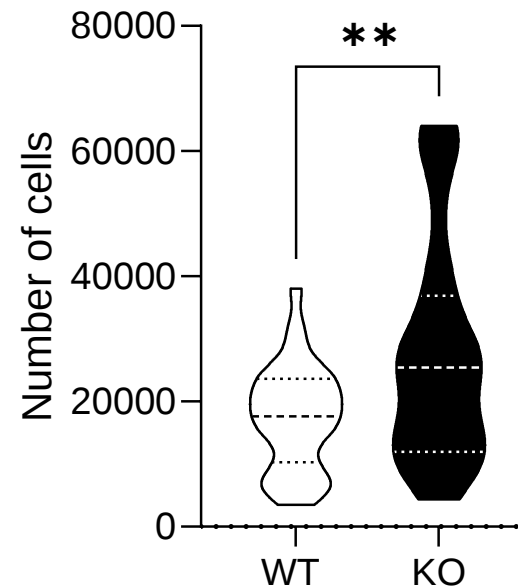
Lymphocytes T CD8 *Nlrp3*^{-/-} infiltrants



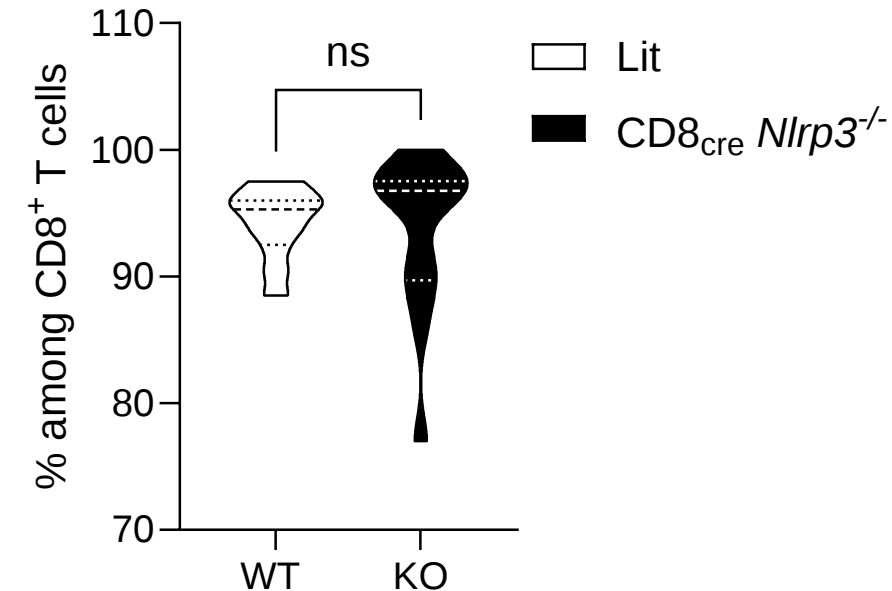
MC38



Number of CD8⁺ T cells

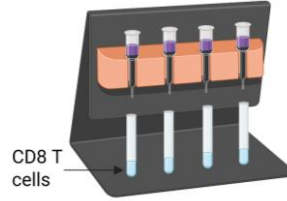
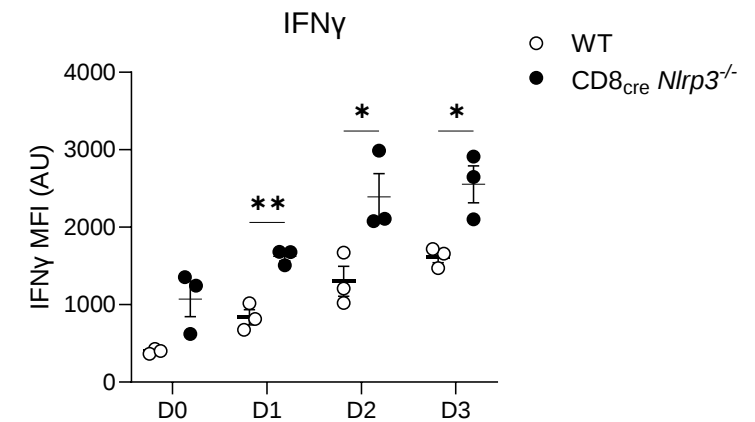
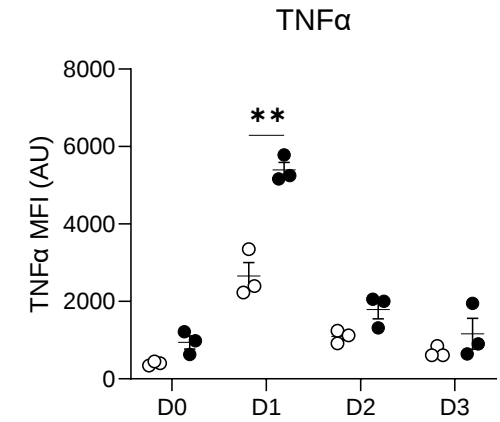
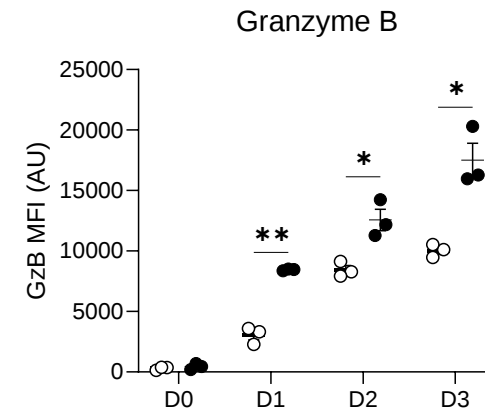
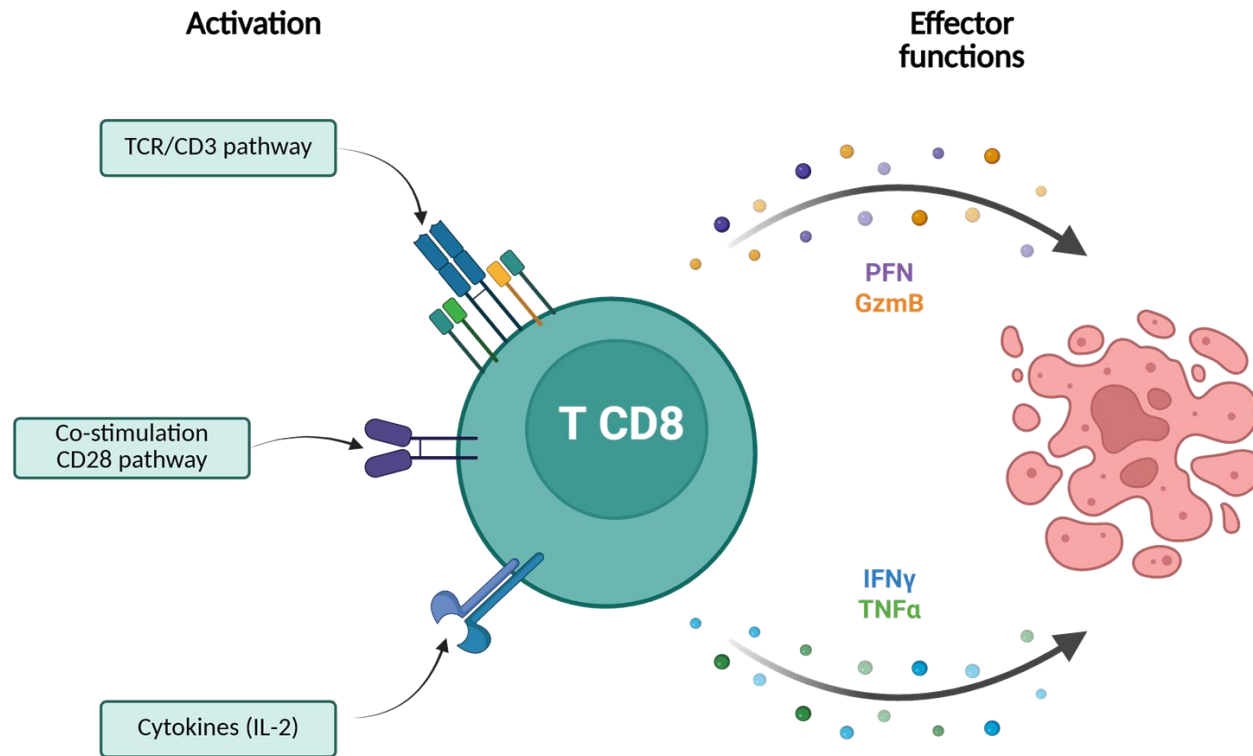


% T CD8 Ki67+

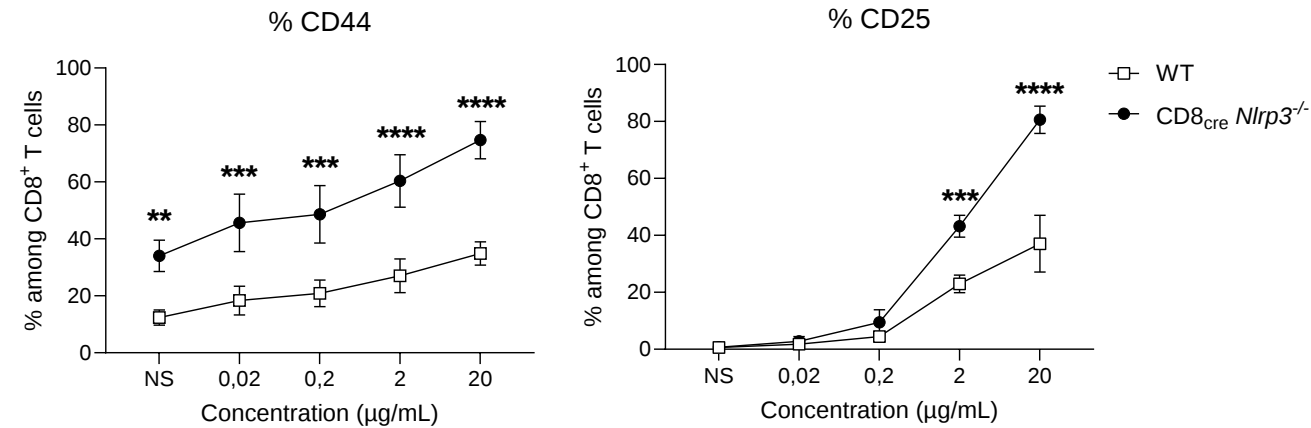
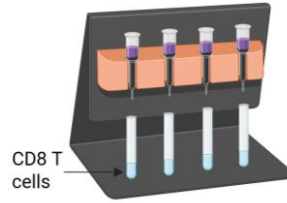


Augmentation du nombre de lymphocytes T CD8 intratumoraux
Pas de différence dans la prolifération des lymphocytes T CD8 infiltrants

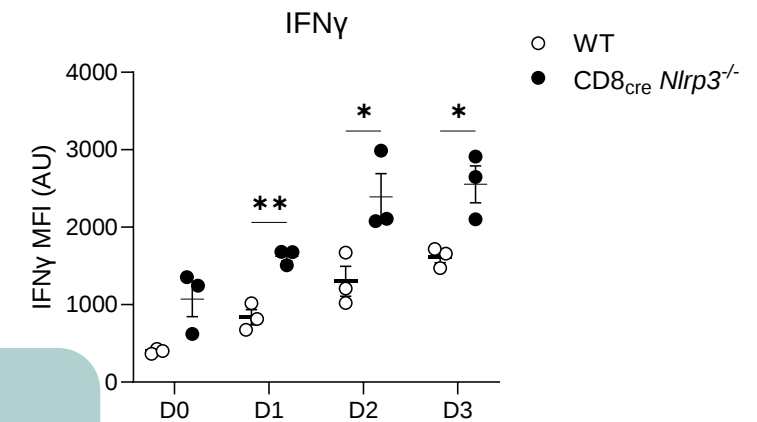
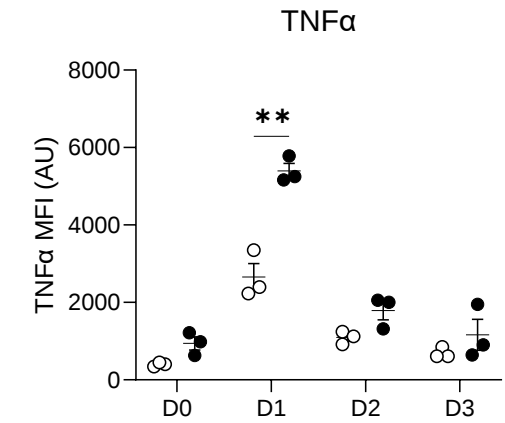
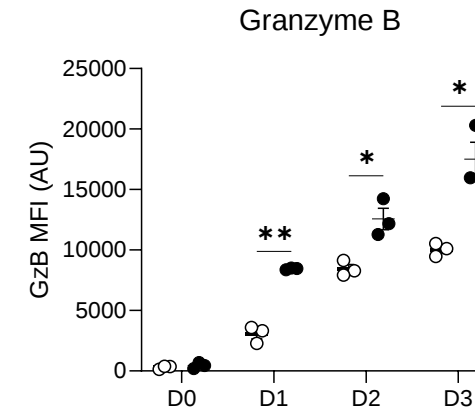
Lymphocytes T CD8 *Nlrp3*^{-/-} activés



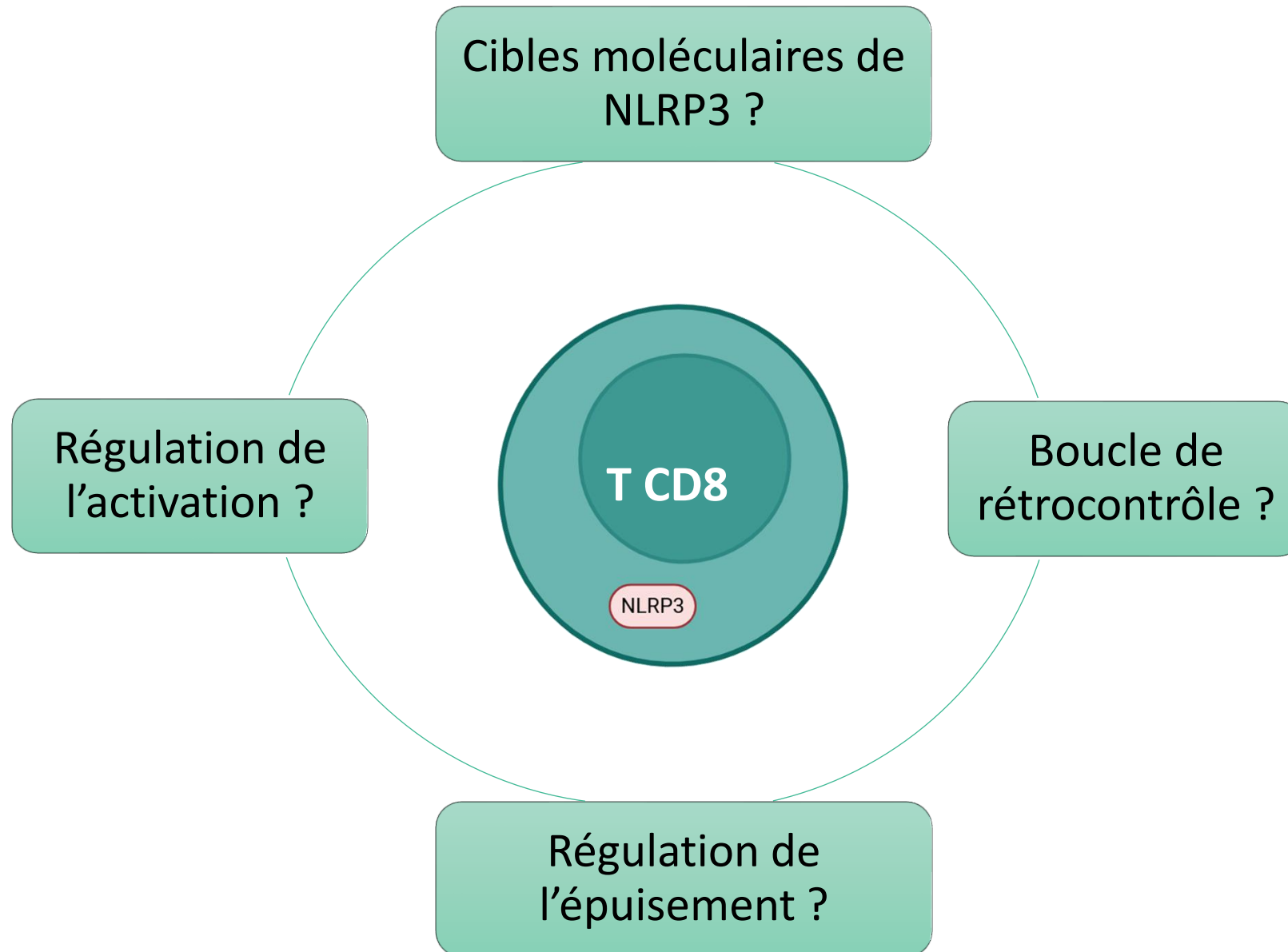
Lymphocytes T CD8 *Nlrp3*^{-/-} activés



Concentration	
anti-CD3	0,02 to 20 μg/mL
anti-CD28	2 μg/mL



Les lymphocytes T CD8 *Nlrp3*^{-/-} sont plus sensibles à l'activation par la voie du CD3



Rôle de NLRP3 dans la biologie des lymphocytes T CD8

Frédérique Végran

Romain Boidot

Mélanie Bruchard

Catherine Paul

Cindy Racœur

Christophe Hibos

Emma Levieux

Manon Lescutier

Cassandra Pignol

Mannon Geindreau

Thomas Morin

Marie-Catherine Ducarre

Nolwenn Roger

Nicolas Pernet

Serge Monier

Rudy Montandan

Baptiste Lamarthée

Alexis Varin

Corentin Richard

Thomas Pilot

Marvin Alvarez

Centre de zootechnie

Valérie Saint-Giorgio