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Lipids droplets are induced by hypoxia in avian skin cells in vitro and their targeting by Marek's Disease Virus is linked to virulence

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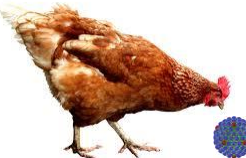
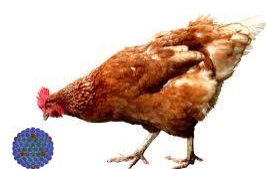
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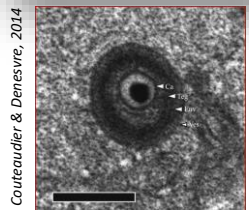
Lipids droplets are induced by hypoxia in avian skin cells *in vitro* and their targeting by Marek's Disease Virus is linked to virulence

Corentin Mallet¹, David Padeloup¹, Katia Guyader¹, Julien Pichon² and Caroline Denesvre¹

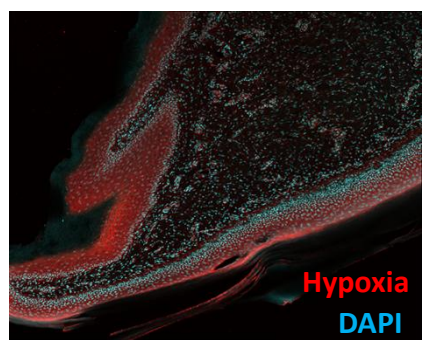
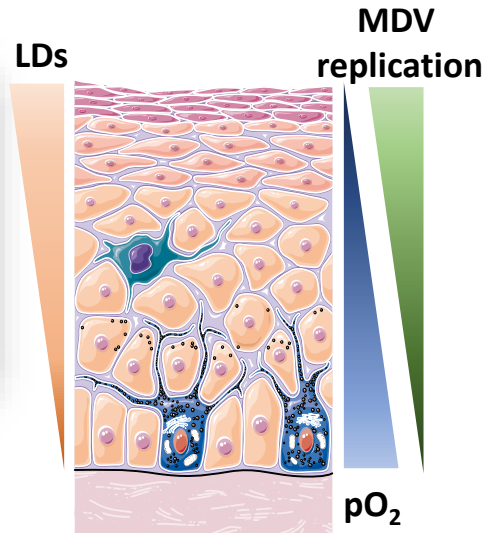
- (1) Biology of Avian Viruses (BioVA), UMR 1282 ISP, INRAe, Nouzilly, France
- (2) Imaging and Infectiology platform (IMI), UMR 1282 ISP, INRAe, Nouzilly, France



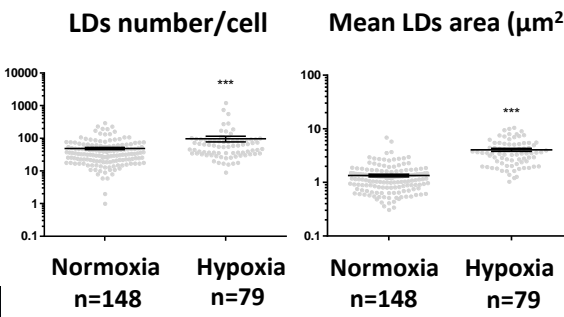
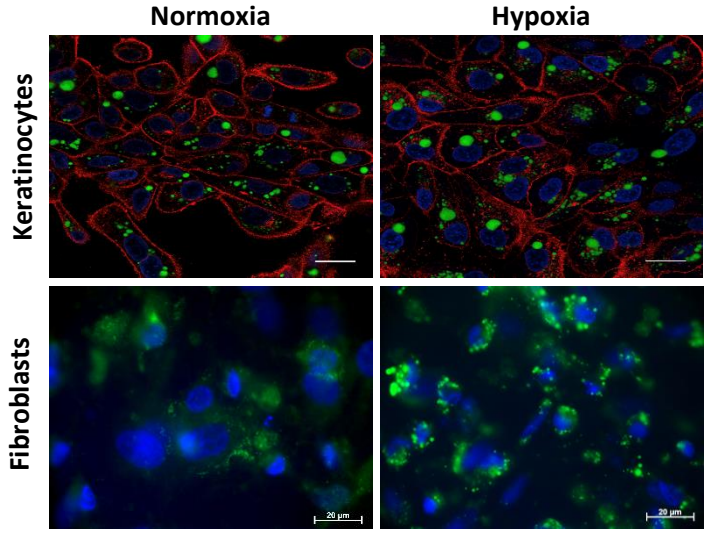
Gallus Gallus



Couteaudier & Deresvire, 2014

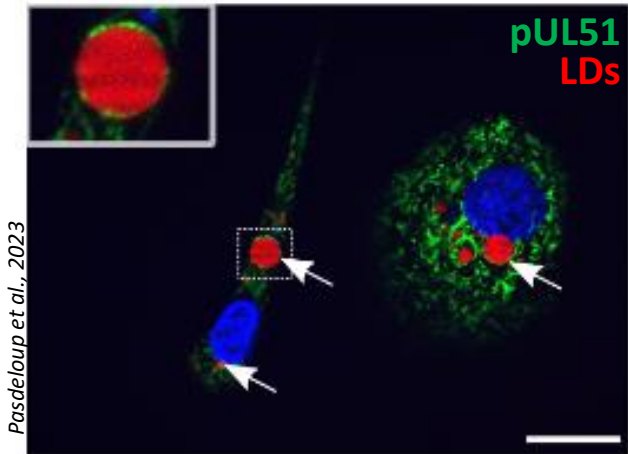


Chicken skin



Wheat germ agglutinin (WGA)
LDs
DAPI

Gallid Herpesvirus 2 (Marek's Disease Virus)



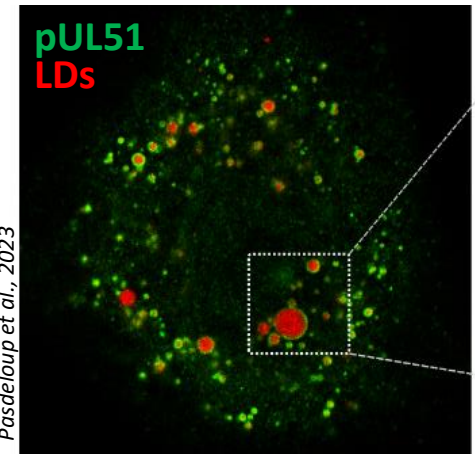
Pasdeloup et al., 2023

UL51TAP (mutant)

pUL51 localization

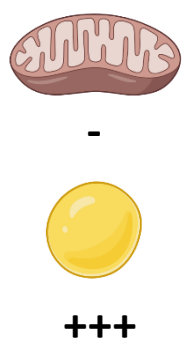


UL51-SHA (WT)



Pasdeloup et al., 2023

pUL51 localization



Virulence:

