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Propositions

accompanying the thesis

Membrane Fusion of Influenza and Chikungunya Viruses

by

Jelle Blijleven

1. Creating influenza viruses with variable hemagglutinin densities will help to refine our understanding of influenza fusion.
2. Chikungunya fusion is mediated by multiple E1 trimers.
3. The observed CHK-152 dissociation and resulting fusion yield imply low-pH inactivation of E1 proteins.
4. The universalities identified in viral fusion tell us we still do not understand the fundamentals.
5. Collaboration is more essential to science than competition.
6. The lifestyle of the rich perpetuates the poverty of the rest.
7. Having children vaccinated is very effective and important, and this needs to be disseminated broadly in light of decreasing awareness.
8. World population growth needs to be addressed in order to move to a sustainable future.
9. Publishing null results in science should be rewarded.
10. The aviation industry is the largest elephant in the room with regard to climate change.