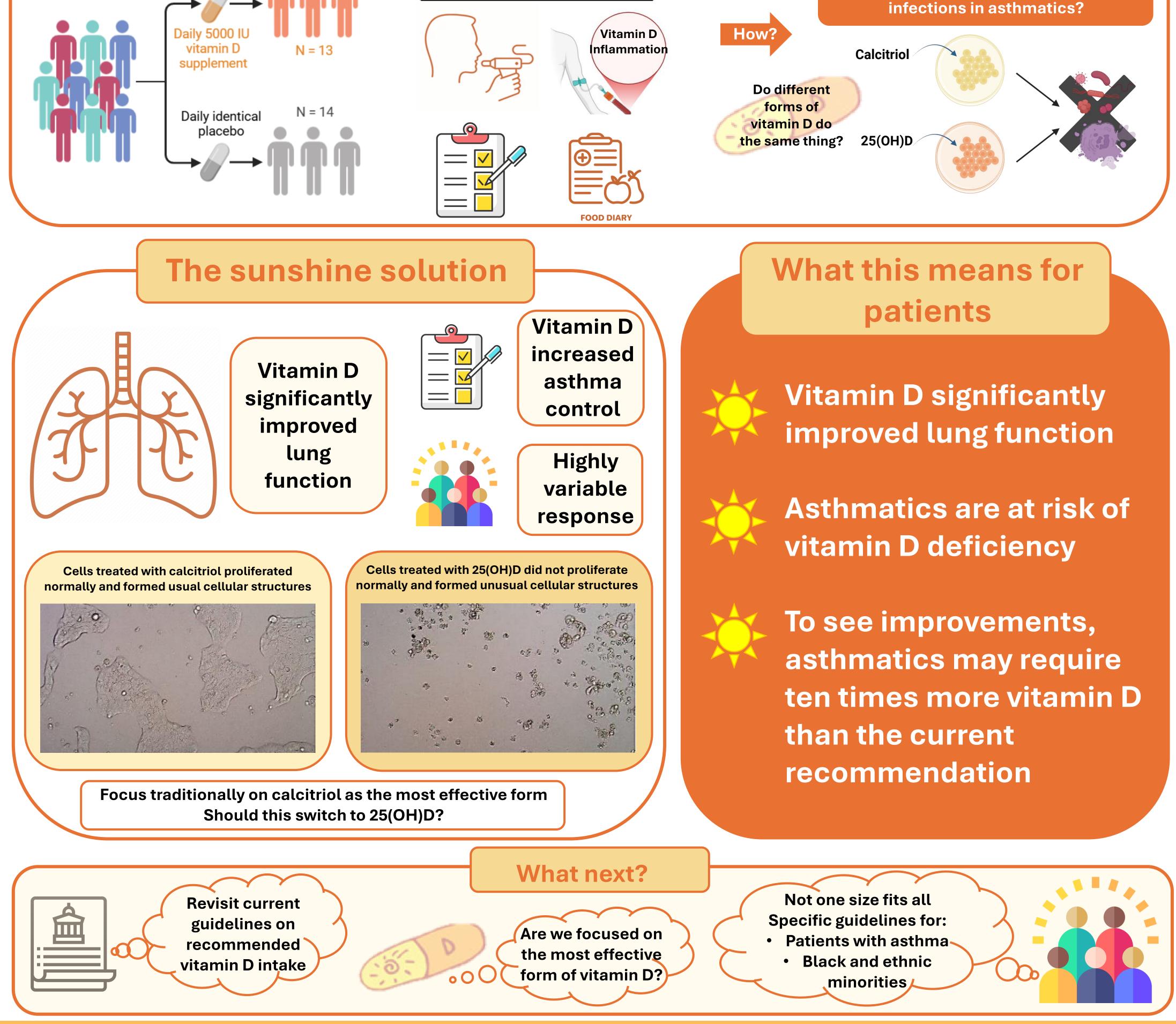
The Sunshine Solution: Chester Vitamin D's Impact on Asthma <u>Stephanie Watkins</u>, Tanja Harrison & Sohail Mushtaq The problem **Sources of vitamin D:** Chronic inflammation of Shortness the airways In the UK, 1 in 12 of breath. adults are receiving wheezing Lower vitamin treatment for D levels in and a tight asthmatics asthma = chest Do we need BUT **Impaired lung** some of the highest supplements? ~ 20% of the UK population function are vitamin D deficient in rates in Europe the Winter months How we solve the problem Week 6 **Week 12** Week 1 **Can vitamin D increase secretion of** antimicrobial products to decrease viral

University of



 \tilde{O}

ÌO.

 $\hat{\mathbf{O}}$

ÈO.

 $\hat{\mathbf{O}}$

ÌO.

ĨO

 \dot{C}