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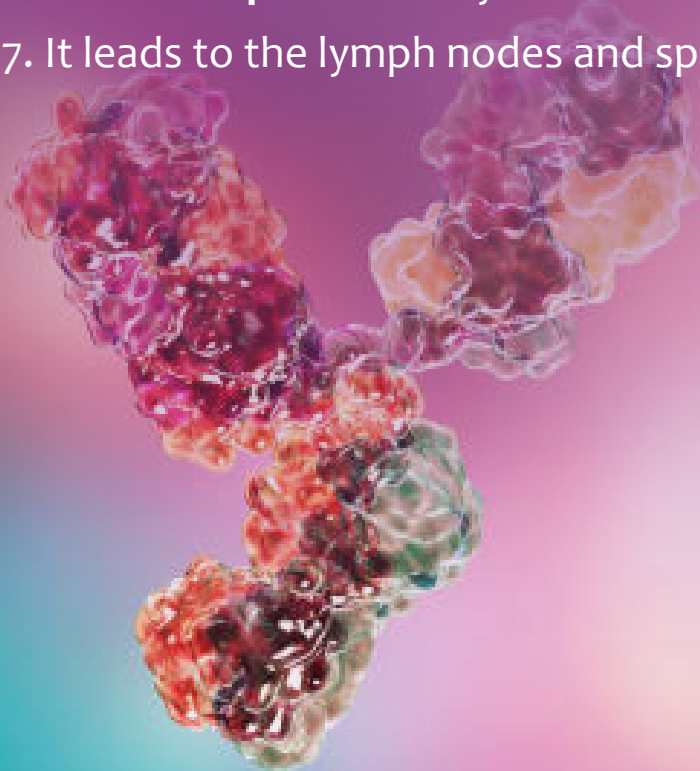
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PRESENTS

# GUESS THE *ravvity*

GUESS WHICH RARE DISEASE THE 7 CLUES REFER TO

1. Congenital disease of **immune system**
2. In most cases it is inherited with **autosomal dominant transmission**
3. This disease is caused by **genetic alteration in genes PIK3CD and PIK3R1** encoding for the two subunits that compose the PI3K $\delta$  protein: one p110 $\delta$  effector and one p85 $\alpha$  regulatory
4. **250 cases worldwide** described so far
5. This disease occurs since childhood with **recurring infections, in particular involving the respiratory tract**
6. It leads to the circulation of immature or senescent B and T cells, **not immunocompetent** in any case.
7. It leads to the lymph nodes and spleen enlargement



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