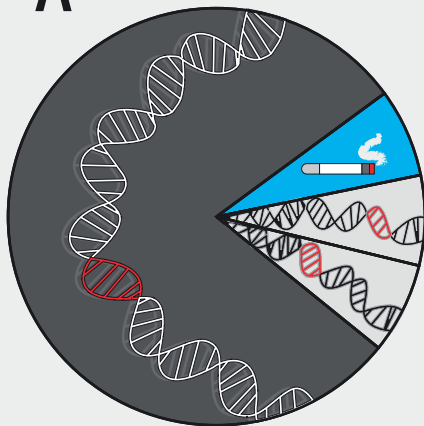


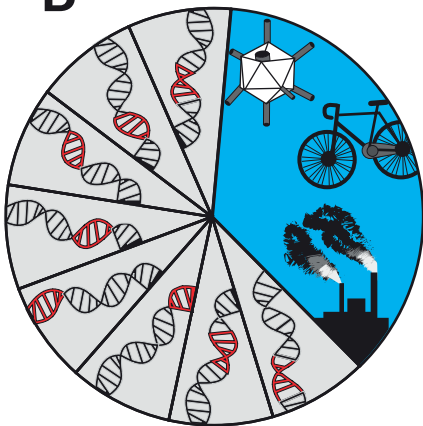
**FIG 2. GENETIC AND ENVIRONMENTAL CONTRIBUTIONS TO SINGLE-GENE AND COMPLEX DISORDERS**

**A**



**A** – single-gene disorders. A variant in a single gene is the primary determinant of a disease and is responsible for most of the disease risk or trait variation (dark grey sector), with possible minor contributions from modifier genes (light grey sectors) or environment (blue sector)

**B**



**B** – complex disease. Many variants of small effect (light grey sectors) contribute to disease risk, along with many environmental factors (blue sector)