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Cover images: (Main image) analytical chemistry – sample being pipetted into test tube for analysis in laboratory. Photo: Swati / CULTURA/SCIENCE PHOTO LIBRARY; (inset 1) CRISPR-CAS9 gene editing complex. Credit: MOLEKUL / SCIENCE PHOTO LIBRARY; Collection: Science Photo Library / Getty Images Plus; (inset 2) colourised medical DNA results with black background. Credit: Serge Ostroverhoff, Collection: iStock / Getty Images Plus; (inset 3) from Fig. 11.13, laser scanning confocal micrograph of a triple-labelled *Drosophila* embryo at the cellular blastoderm stage. Credit: Stephen Paddock.

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