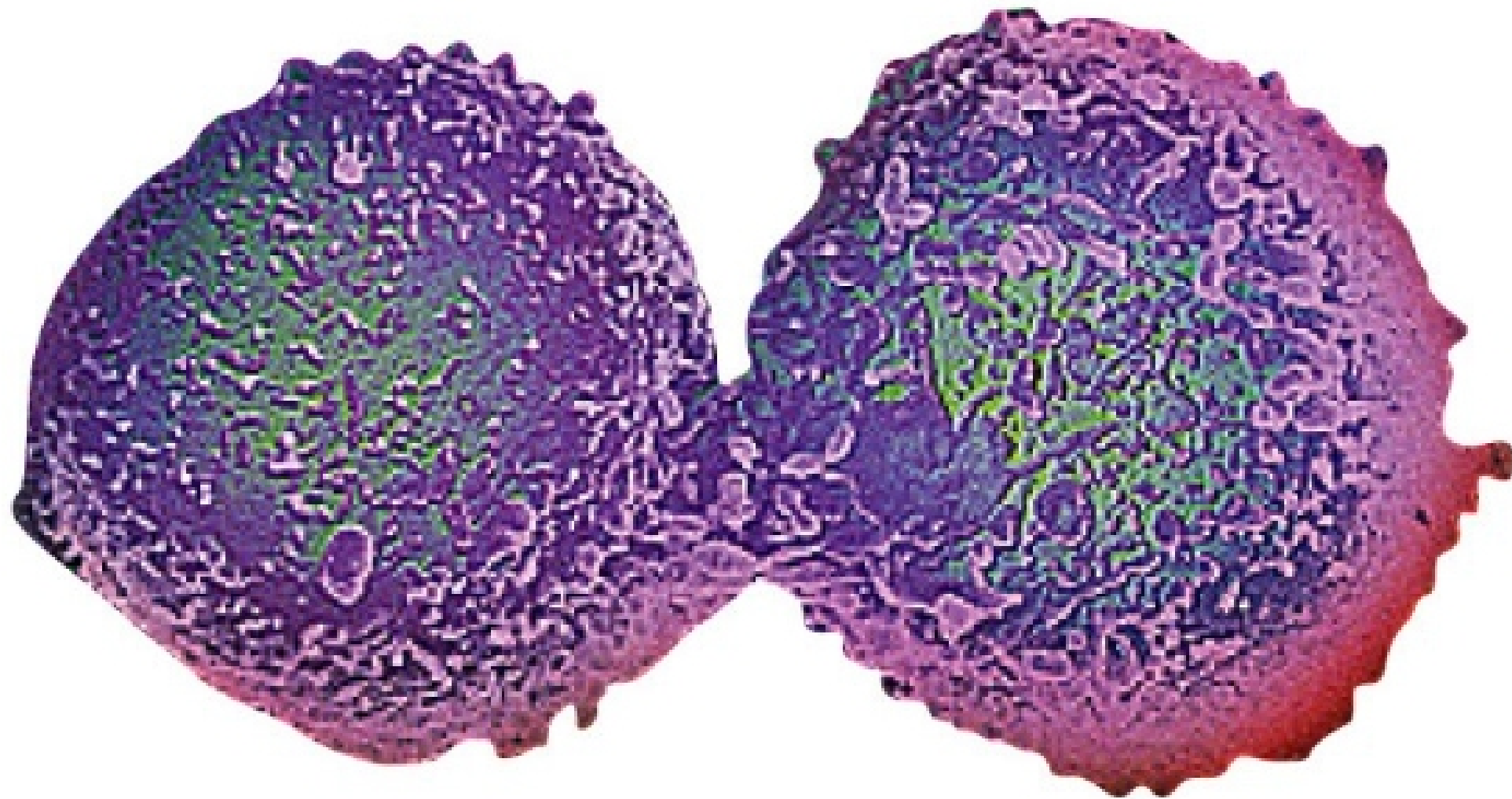


# Introduction to Mitosis

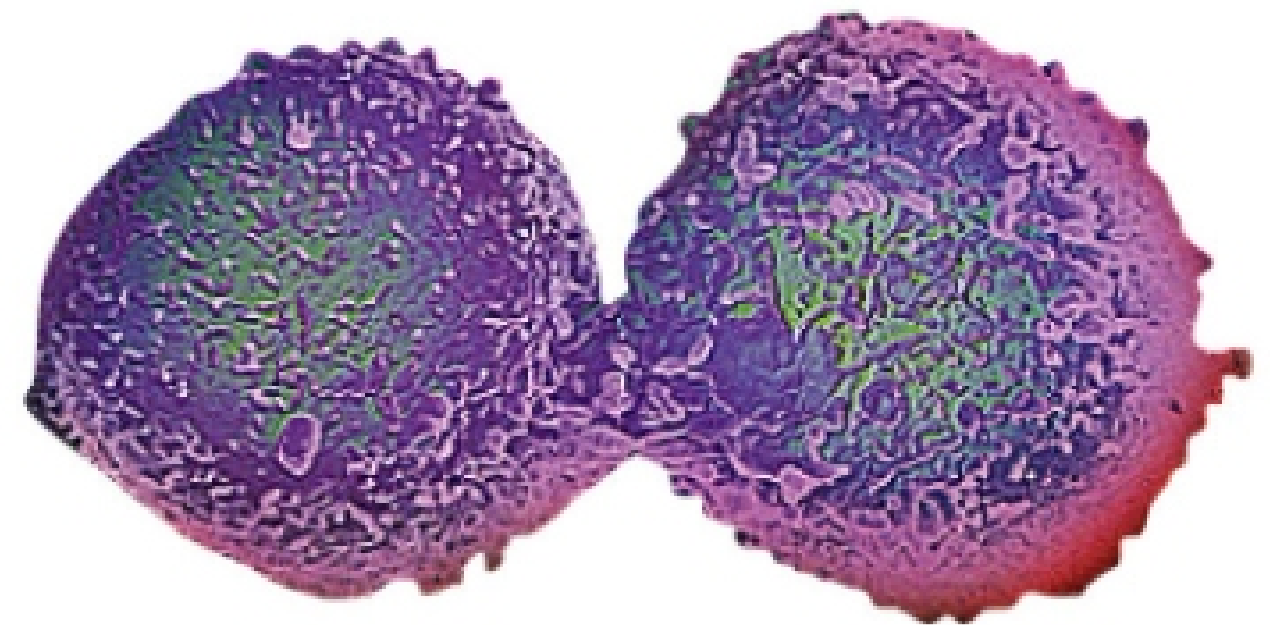
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- You began life as a single cell, but there are now more cells in your body than stars in the Milky Way



- Just in the past second, millions of your cells have divided in two



# Mitosis & Your Early Life

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- You divided from a one-cell zygote to a many-celled embryo to a trillion-celled baby!
- Before a parent cell divides, it duplicates its chromosomes
- The two resulting “daughter” cells are genetically identical

