

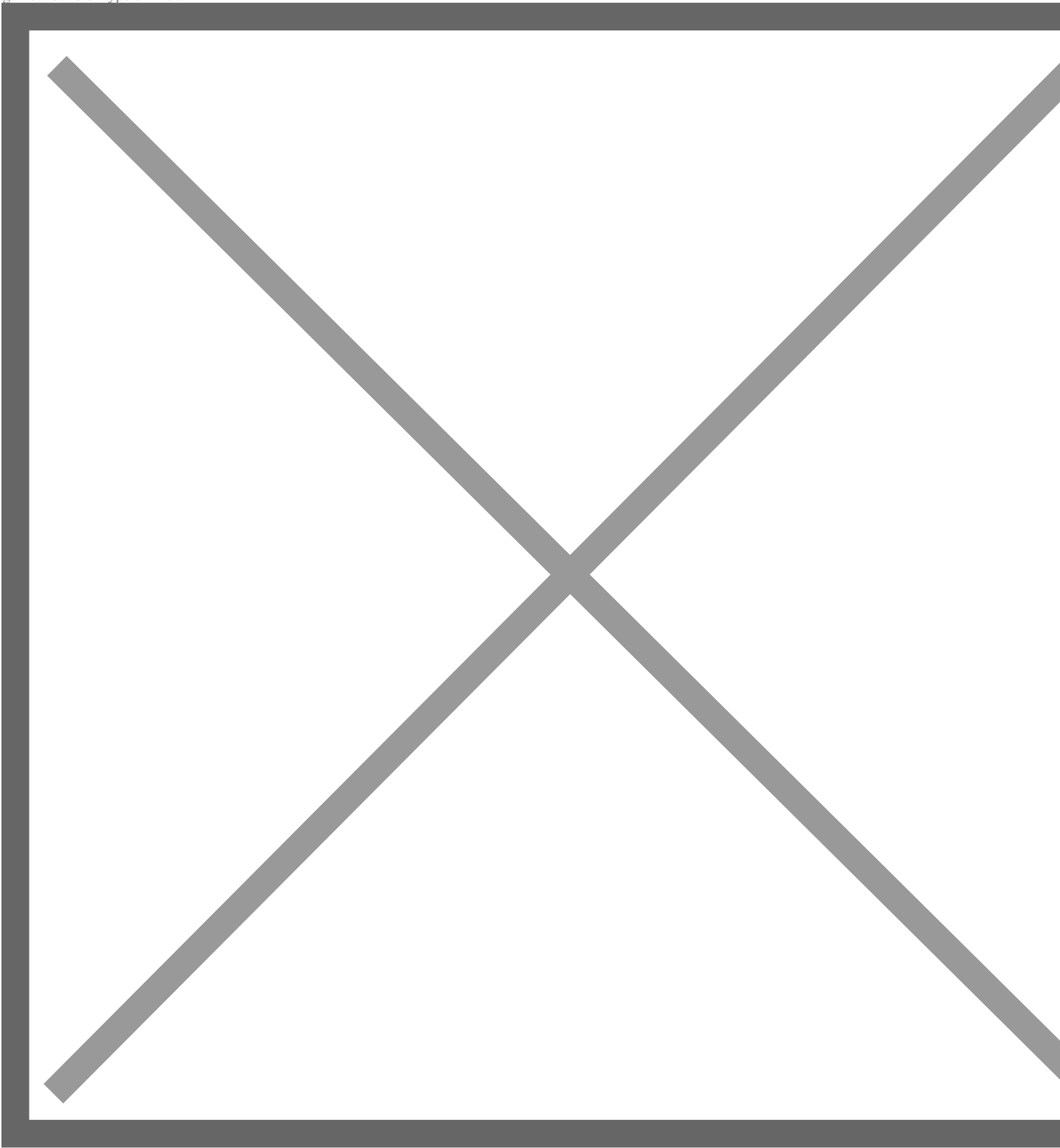


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The lung's bronchial, tracheal, and small airway tree is lined with a continuous layer of epithelial cells that act as a frontline defense against respiratory pathogens. In addition to barrier protection and immune response, this epithelial interface between environment and organism functions in fluid balance, particulate clearance, mucus and surfactant production, and injury repair.

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^[3]

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