

Bronchus Segmentalis (histological specimen)

In some ways, the bronchi resemble the trachea - again in them we find hyaline cartilages (however of a rather irregular shape), smooth muscle cells, and seromucinous glands. On larger sections, lung tissue (or lung alveoli) may be located outside the bronchi.

- The epithelium is multi-row cylindrical with cilia (as in most places in the respiratory tract).
- *Lamina propria* (vessels, seromucinous glands and some smooth muscle).
- Smooth muscle causes postmortem contraction of the wall, so the mucosa is folded into small cilia (during life it adjusts the patency of the bronchi).
- Hyaline cartilage surrounded by perichondrium.

Links

Related Articles

- Asthma
- Bronchiolitis

References

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- JUNQUIERA, L. Carlos - CARNEIRO, Jose. *Basics of histology*. 1. edition. Jinocany : H&H, 1997. 502 pp. ISBN 80-85787-37-7.



Multilayered columnar epithelium of airways