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Ultrastructural changes in rat lung with blast injury

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The experimental blast lung injuries are as follows: 1. permiability of the alveolar epithelium(AE), capillary endothelium(CE) and their intercellular junctions increased; 2. small vacuoles, large vacuoles formation and cell membrane damage in the AE and CE increased in amounts; 3. blood platelets aggregated and neutrophils trapped in the capillary lumen. These changes are more serious in the CE and especially 72 h after trinitrotoluene(TNT) explosions. These suggest that the CE is more sensitive to blast injury than AE, and the CE damage may be related to the neutrophils trapping and platelets aggregation in the capillary lumens.

Key words Blast injuries/ES; Lung/IN; Lanthanum Radioisotopes/DU

会　讯

缺氧与肺病理生理国际学术会议将于1989年10月在渝举行

经中国病理生理学会常务理事会同意，上报科协和国家科委批准，缺氧与呼吸专业委员会决定于1989年10月11日至13日在重庆召开《缺氧与肺病理生理国际会议》。

会议将交流近年来有关缺氧、呼吸的病理生理、肺循环生理和病理生理、肺代谢的病理生理，以及肺损伤、肺心病等方面的科研成果，并邀请国内外知名专家教授，就其近年来的研究工作进行专题报告。同时征集论文，根据其内容安排论文报告或张贴交流。

我们衷心希望扩大交往，以加速缺氧与肺病理生理科研工作的发展。欢迎有关领域的医学工作者参加会议。愿意参加会议者请与重庆第三军医大学病理生理教研室高京生同志联系。有关会议具体安排将在正式邀请书中通知。

缺氧与肺病理生理国际会议筹备委员会

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