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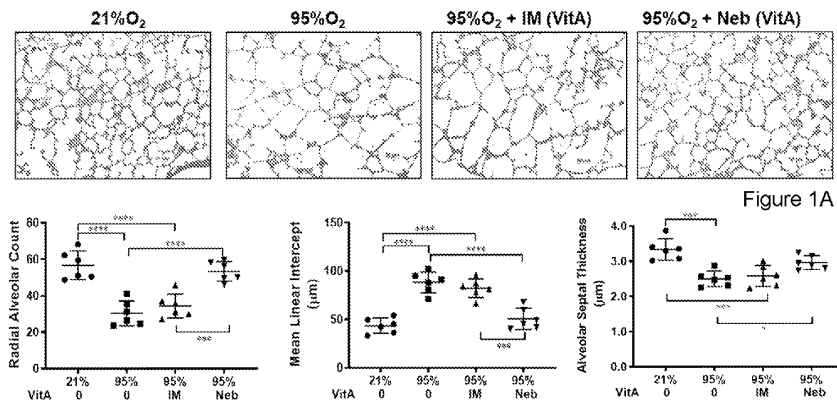
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(54) Title: PHARMACEUTICAL COMPOSITIONS COMPRISING INSOLUBLE ACTIVE INGREDIENTS



(57) Abstract: The present disclosure relates to pharmaceutical compositions suitable for inhalation, parenteral administration, and oral administration comprising an insoluble active ingredient, pharmaceutical systems comprising them, methods of treatment and/or prophylaxis, and uses comprising them. The formulations, systems, and compositions provided by the present disclosure may be used and are useful in the treatment and/or prophylaxis of vitamin deficiency disorders (including but not limited to nutritional insufficiency, premature birth, genetic defect, or induced pursuant to infection or disease states), hyperoxia damage, oxidative lung injury (lung damage), lung damage caused by chemical or environmental exposure, lung damage caused by a biological/infectious agent, including but not limited to bacterial infections and/or viral infections, lung damage caused by a chemical, biological, or radio-nuclear (CBRN) agent, and lung damage caused by radio-nuclear exposure, including but not limited to acute radiation-induced lung injury/damage and/or chronic lung injury/damage, including but not limited to delayed effects of acute radiations exposure (DEARS).

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