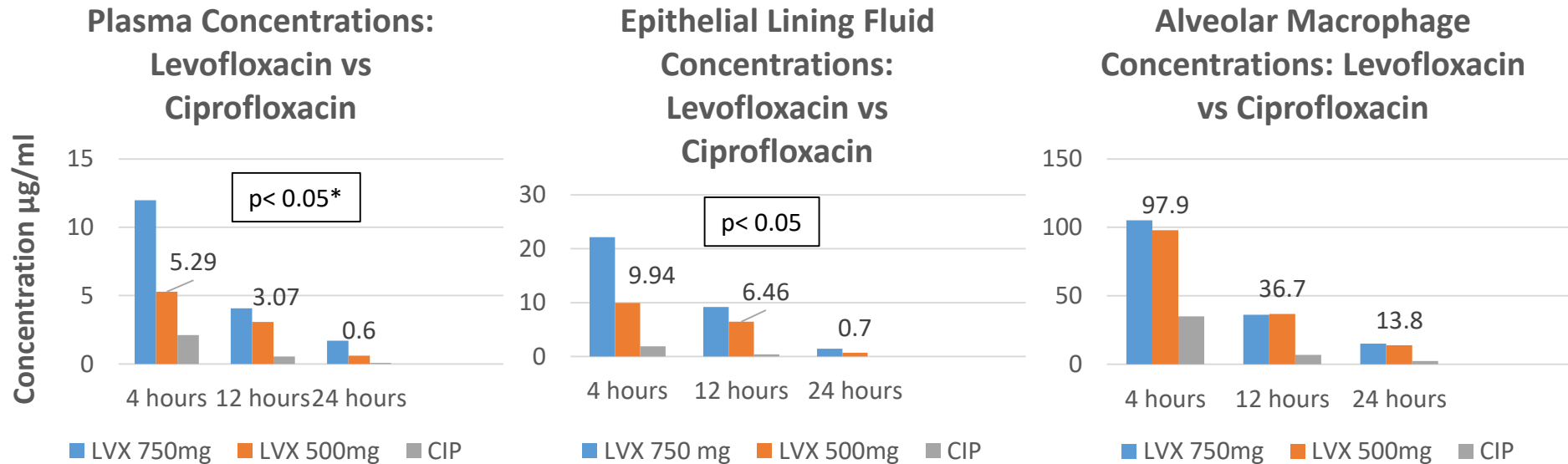




# Plasma & Intrapulmonary Concentrations of Levofloxacin



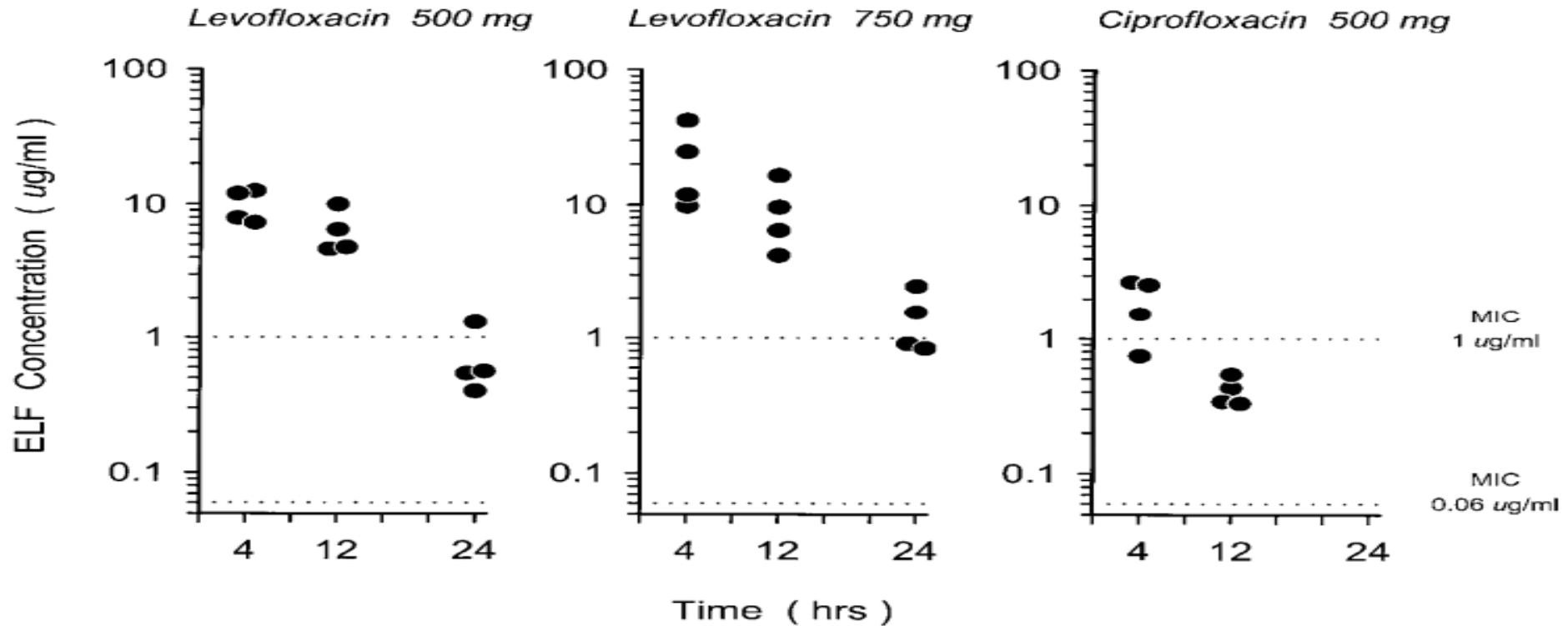
\*At 4 h and 12 h, the steady-state plasma concentrations of levofloxacin 500 mg, were significantly higher than that of ciprofloxacin 500 mg.

A multiple-dose, open-label, randomized pharmacokinetic study to determine the steady-state plasma, epithelial lining fluid (ELF), and alveolar macrophage (AM) concentrations of levofloxacin and ciprofloxacin.

- n = 12 (Levofloxacin 500 mg OD)
- n = 12 (Levofloxacin 750 mg OD)
- n = 12 (Ciprofloxacin 500 mg BD)



# Levofloxacin vs Ciprofloxacin ELF Concentrations



Pathogen	Minimum Inhibitory Concentrations ( $\mu\text{g/ml}$ )
<i>H. Influenza</i>	0.0625
<i>M. Catarrhalis</i>	0.0625
<i>S. Pneumoniae</i>	1.0