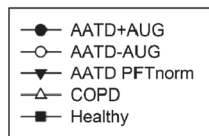
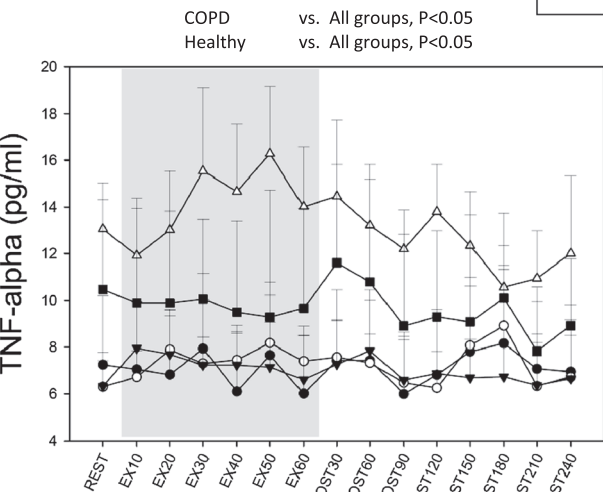
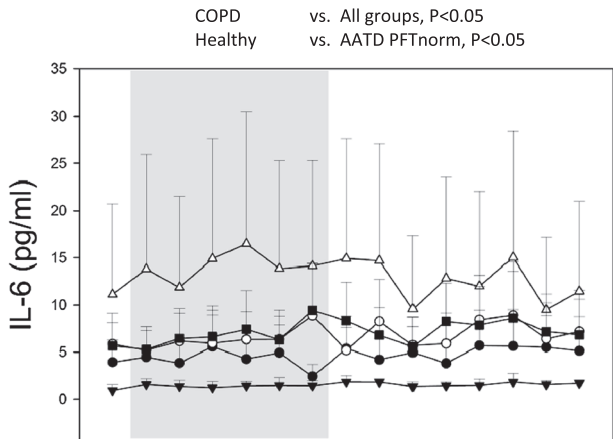
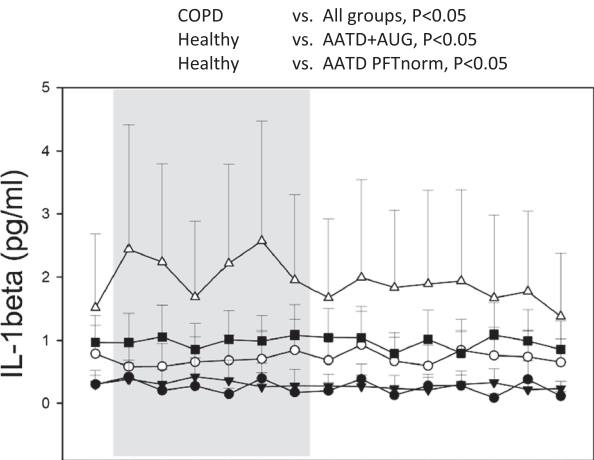


Arterial



COPD vs. All groups, $P < 0.05$
 Healthy vs. AATD+AUG, $P < 0.05$
 Healthy vs. AATD-AUG, $P < 0.05$
 AATD PFTnorm vs. AATD+AUG, $P < 0.05$
 AATD PFTnorm vs. AATD-AUG, $P < 0.05$

