When to collect Samples, and record routine lab results, for patients randomised to **Simvastatin*** or Usual Care (eligible for Simvastatin)

***please note** – there is a separate document for randomised to Baricitinib and Usual Care (eligible for Baricitinib)

Study Protocol | Eligibility Forms | Sample Manual (under Study Guides tab)

PANTHER

NOTE: Tier 0 site: Subphenotype samples only Tier 1 site: Day 0 samples only	**Day 0** (post-randomisation) **Date**	**Day 2** **Date**	**Day 6** **Date**	**Day 13** **Date**	**Day 20** **Date**	**Day 27** **Date**
Samples (study-specific)	Samples collected prior to, or at first dose of IMP	≥ 48hrs after first dose IMP (+1 day if weekend staffing interruption)	(+/- 2 days if weekend staffing interruption)			
Lithium Heparin (plasma cytokines)	X	X	X			
Serum Separation (biomarker + antibody)	X	X	X			
EDTA (plasma)	X	X	X			
CPT heparin (immune cells)	X	X				
PAXgene (RNA and DNA)	X	X	X			
Nasal swab (viral pathology)	X					
Tracheal aspirate (biomarker)	X	X	X			
BAL (bronchioalveolar lavage)	X	X				
Absolute neutrophils(10^9/L)	**Daily** Day 0-28					
Bicarbonate Units (mmol/L, mEq/L)	**Daily** Day 0-7					
Data (routine labs)						
CK (creatine kinase)			X	X	X	X
ALT (alanine aminotransferase)			X	X	X	X
AST (aspartate aminotransferase)			X	X	X	X