Study Samples	Outpatient		Inpatient/Challenge Unit																		Outpatient								
	Screening (SCR)	Baseline (B)	Check-in	Post-Challenge																	Phone Calls								
Visit	1-SCR	1-B	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20-23	24	25	26	27	28	29	30	31
Day	-30	-25	-1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17-20	21	28	35	42	56	84	180	365
Study Intervention and samples																													
Challenge				X																									
Nasopharyngeal aspirates (NPA)	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X			
Nasal washes (NW)	X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X			
Blood/Serum			X	+4-6 hours	X		X		X		X			X				X				X	X	X	X	X	X	X	X
Blood Innate/ Adaptive Immune Response (IR)		X	X	+4-6 hours	X		X		X		X			X				X				X	X			X			
Blood/PBMC		X	X	+4-6 hours	X		X		X		X			X				X				X	X	X	X	X	X	X	X
T-OMICS			X	+4-6 hours	X		X		X		X							X					X						
Urine			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
Saliva			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X