

Supplementary Table 1. Detailed Retrieving Terms Employed in Literature Review.

Bibliographic Database	Searching Details and Queries
PubMed/ EMBASE/ OVID/ Medline	On influenza: ‘pandemic influenza’ ‘seasonal influenza’ ‘influenza A’ ‘influenza and biomarker’ ‘influenza and biomarkers’ ‘influenza and severity’ ‘influenza associated pneumonia’ ‘prognostic value’ ‘clinical outcomes’ ‘influenza-infected’ ‘mortality’ ‘intensive care admission’ ‘the emergency department’ ‘influenza symptoms’ ‘troponin and influenza’ ‘influenza and complications’ ‘influenza and myocardial injury’ ‘influenza and high sensitive troponin’ ‘pulmonary and extrapulmonary complications’ ‘influenza and procalcitonin’ ‘influenza and C-reactive protein’ ‘interleukin-6’ ‘creatinine kinase and influenza’ ‘renal complications’ ‘critical ill’ ‘influenza and surfactant protein D’ ‘ferritin and influenza’ On Influenza vaccine: ‘influenza vaccine responsiveness’ ‘B cell specific’ ‘screening method’ ‘vaccine seroconversion’ ‘serum responses’ ‘safety of influenza vaccine’ ‘potential predictive marker’ On Aging: ‘the aged’ ‘frailty and aging’ ‘influenza and aging’ ‘CRP and aging’ ‘influenza and immunosenescence’ ‘cytokine storm’ ‘Th1 shifted to Th2’ ‘cellular immunity’