**Supplemental table 2: Total points for each research questions developed by the SSC Research Committee:**

* Should the approach to ventilator management differ from the standard approach in patients with acute hypoxic respiratory failure? – 32 points
* Can the host response be modulated for therapeutic benefit? – 32 points
* What specific cells are directly targeted by SARS-CoV-2 and how do these cells respond? – 26 points
* Can early data be used to predict outcomes of COVID-19 and, by extension, to guide therapies? – 24 points
* What is the role of prone positioning and non-invasive ventilation in non-ventilated patients with COVID-19? – 22 points
* Which interventions are best to use for viral load modulation and when should they be given? -- 22 points
* Do endothelial cells play a central role in driving and/or potentiating COVID-19 disease? – 20 points
* What is the best approach to anticoagulation in patients with COVID-19? -- 20 points
* What are mechanisms of vascular dysfunction and thrombosis in COVID-19 and why are thrombotic manifestations more common in SARS-CoV-2 infection compared to other infections or causes of critical illness? – 19 points
* How can quality research be performed and assessed during a pandemic? -- 18 points
* Do the long-term sequelae of severe COVID-19 disease differ from sequelae of sepsis/ARDS? – 17 points
* How does SARS-CoV-2 impair immune function? – 15 points
* What are the predictors of ICU admission in COVID-19? – 12 points