

Article

Mechanical and Degradation Properties of Hybrid Scaffolds for Tissue Engineered Heart Valve (TEHV)

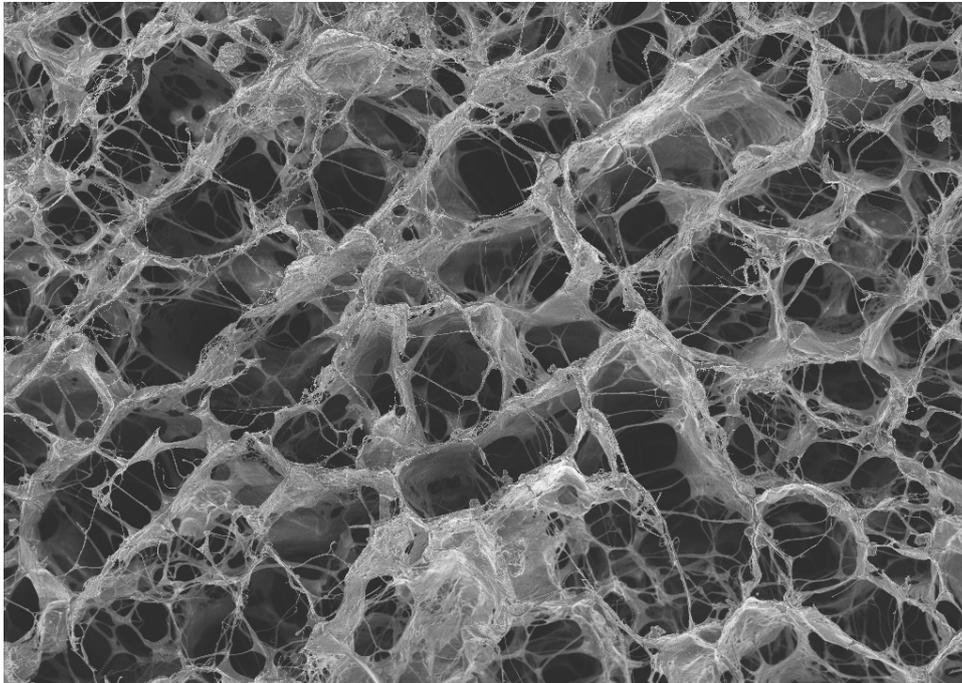
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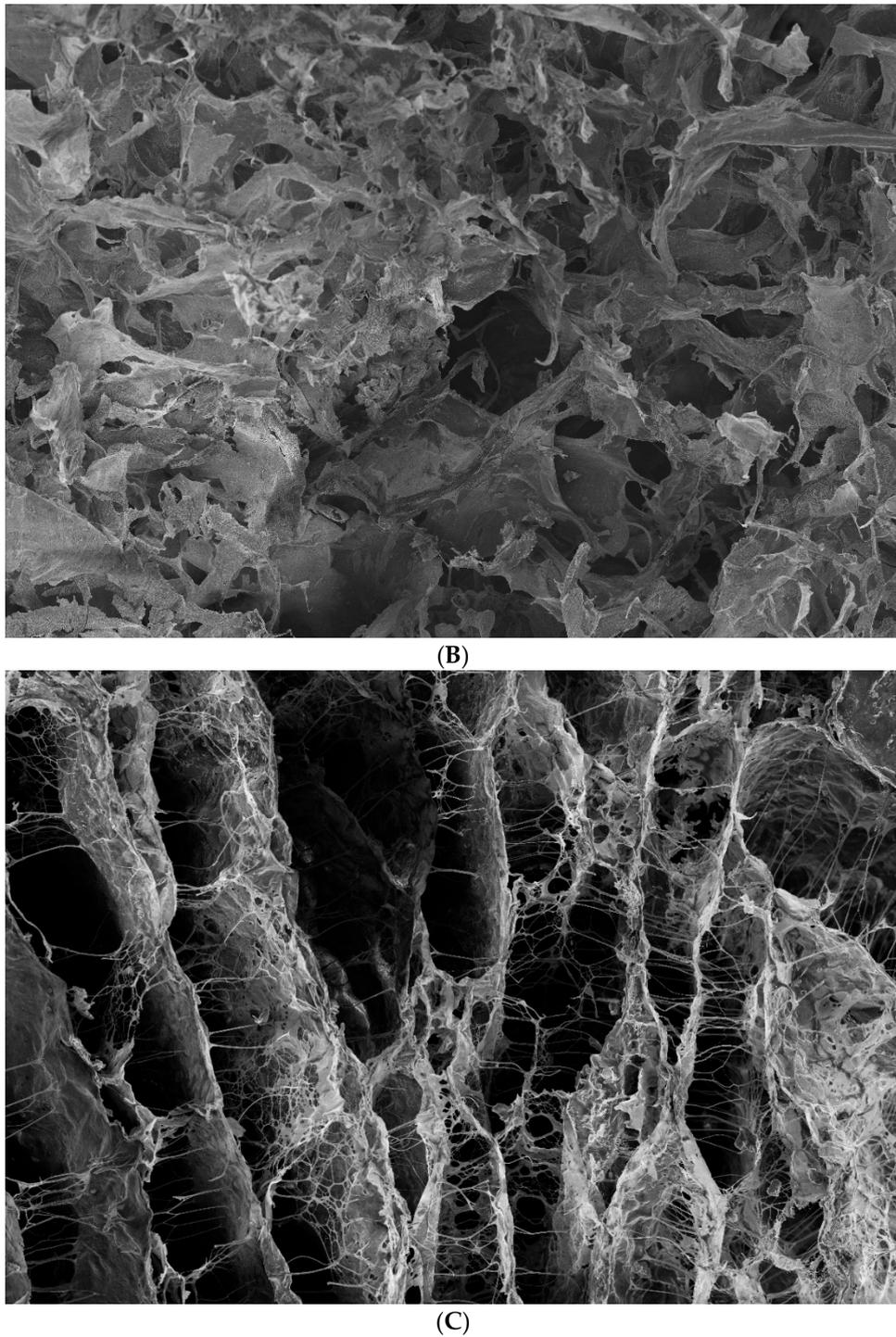


Figure S1. Scanning electron images of (A) C60 as primary collagen network, (B) HA20 as secondary HA network, and (C) S-4 as the resultant hybrid scaffold at 200 \times , 10kV.

Scanning electron microscope (SEM, JEOL JSM-840F) was employed for imaging of surfaces using secondary electron imaging. Samples were sectioned with a sharp razor blade and mounted onto 12 mm diameter aluminum stubs using adhesive carbon tabs. All samples were coated with 3.0 nm platinum coating using a 208HR sputter coater (Cressington Scientific Instruments Ltd, UK). SEM images of scaffolds (five images/sample) were taken at an accelerating voltage of 10 kV.