

Supplementary materials:

Lung macrophages are involved in lung injury secondary to repetitive diving

Ke NING¹, Zhen-biao GUAN², Hong-tao LU¹, Ning ZHANG¹, Xue-jun SUN¹, Wen-wu LIU³

¹Department of Navy Aviation Medicine, Faculty of Naval Medicine, the Naval Military Medical University, Shanghai 200433, China

²Department of Respiratory Diseases, Hongkou Branch of Changhai Hospital,
the Naval Military Medical University, Shanghai 200081, China

³Department of Diving Medicine, Faculty of Naval Medicine, the Naval Military Medical University, Shanghai 200433, China

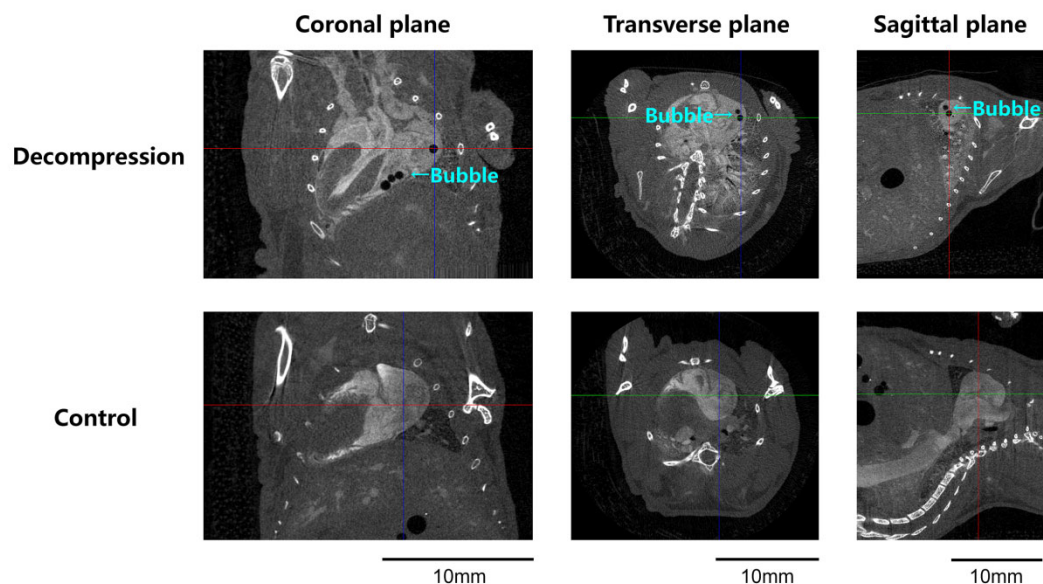


Fig. S1 Micro computed tomography scan for bubbles

Immediately after hyperbaric exposure, mice were sacrificed with tail intravenous injection of contrast media (Miltényi, Bergisch Gladbach, Germany), and bubbles were found in right atrium and right ventricle in decompression group. The coronal, transverse and sagittal scans were obtained via stable emission of X-rays at 60 kV and 400 μ A, with a camera pixel size of 12.55 μ m (Skyscan1176, Bruker Micro CT, Belgium)