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Clusters of specialized detector cells provide sensitive and high fidelity receptor signaling in the intact endothelium

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Mast cells promote scar remodeling and functional recovery after spinal cord injury via mouse mast cell protease 6

Human plasma platelet-derived exosomes: effects of aspirin

Errata

Cover Legend: Lymphocyte function-associated antigen-1 (LFA-1) single-photon emission tomography/computed tomography (SPECT/CT) image depicting thoracic inflammatory patterns in an 18-mo-old mouse exposed to mixed vehicle exhaust (MVE). Red is indicative of greater binding of the [111In]-NorBIRT radioligand for LFA-1. LFA-1 is expressed on immune cells (T cells, B cells, macrophages, and neutrophils) and is important for immune cell recruitment. Compared to young mice, aging mice show impaired thoracic and pulmonary immune responses with significantly augmented neuroinflammation in response to MVE. These findings suggest a potential link between an impaired pulmonary immune response associated with aging and vulnerability to the proinflammatory effects of air pollution in the brain.