

Table S1 Detailed search strategy of PubMed

Search for literature related to HDAC6 and IPF

((Histone deacetylase 6[MeSH Terms] OR (HDAC6[Title/Abstract])) AND ((Idiopathic pulmonary fibrosis[MeSH Terms] OR (IPF[Title/Abstract] OR (Idiopathic Pulmonary Fibroses[Title/Abstract] OR (Pulmonary Fibroses, Idiopathic[Title/Abstract] OR (Idiopathic Fibrosing Alveolitis, Chronic Form[Title/Abstract] OR (Fibrosing Alveolitis, Cryptogenic[Title/Abstract] OR (Fibrocystic Pulmonary Dysplasia[Title/Abstract] OR (Dysplasia, Fibrocystic Pulmonary[Title/Abstract] OR (Fibrocystic Pulmonary Dysplasias[Title/Abstract] OR (Pulmonary Dysplasia, Fibrocystic[Title/Abstract] OR (Cryptogenic Fibrosing Alveolitis[Title/Abstract] OR (Cryptogenic Fibrosing Alveolitides[Title/Abstract] OR (Fibrosing Alveolitides, Cryptogenic[Title/Abstract] OR (Pulmonary Fibrosis, Idiopathic[Title/Abstract] OR (Familial Idiopathic Pulmonary Fibrosis[Title/Abstract] OR (Idiopathic Pulmonary Fibrosis, Familial[Title/Abstract] OR (Usual Interstitial Pneumonia[Title/Abstract] OR (Interstitial Pneumonia, Usual[Title/Abstract] OR (Usual Interstitial Pneumonias[Title/Abstract] OR (Interstitial Pneumonitis, Usual[Title/Abstract] OR (Pneumonitides, Usual Interstitial[Title/Abstract] OR (Pneumonitis, Usual Interstitial[Title/Abstract] OR (Usual Interstitial Pneumonitides[Title/Abstract] OR (Usual Interstitial Pneumonitis[Title/Abstract])) AND (“2003”[Date - Publication]: “2023”[Date - Publication]))

Search for literature related to HDAC6, inflammatory and fibrosis

((Histone deacetylase 6[MeSH Terms] OR (HDAC6[Title/Abstract])) AND (inflammatory[Title/Abstract] AND ((fibrosis[Title/Abstract] OR (Cirrhosis[Title/Abstract])) AND (“2003”[Date - Publication]: “2023”[Date - Publication]))

Search for literature related to HDAC6, macrophage and fibrosis

((Histone deacetylase 6[MeSH Terms] OR (HDAC6[Title/Abstract])) AND ((fibrosis[Title/Abstract] OR (Cirrhosis[Title/Abstract])) AND ((Macrophage[Title/Abstract] OR (Bone Marrow-Derived Macrophages[Title/Abstract] OR (Bone Marrow Derived Macrophages[Title/Abstract] OR (Bone Marrow-Derived Macrophage[Title/Abstract] OR (Macrophage, Bone Marrow-Derived[Title/Abstract] OR (Macrophages, Bone Marrow-Derived[Title/Abstract] OR (Monocyte-Derived Macrophages[Title/Abstract] OR (Monocyte Derived Macrophages[Title/Abstract] OR (Macrophage, Monocyte-Derived[Title/Abstract] OR (Macrophages, Monocyte-Derived[Title/Abstract] OR (Macrophages, Monocyte Derived[Title/Abstract] OR (Monocyte-Derived Macrophage[Title/Abstract])) AND (“2003”[Date - Publication]: “2023”[Date - Publication]))