[6] The pharmaceutical composition of any one of [1] to [5], wherein the short-interval dosing period is four weeks from the initial administration.

[7] The pharmaceutical composition of any one of [1] to [6], wherein the routine dose is 50 mg to 800 mg per administration.

[8] The pharmaceutical composition of any one of [1] to [7], wherein the routine dose is 120 mg per administration.

[9] The pharmaceutical composition of any one of [1] to [8], wherein the IL-6 inhibitor is an IL-6 receptor antibody.

[10] The pharmaceutical composition of [9], wherein the IL-6 receptor antibody is a chimeric antibody, a humanized antibody, or a human antibody.

[11] The pharmaceutical composition of [9], wherein the IL-6 receptor antibody comprises a heavy-chain variable region having the sequence of SEQ ID NO: 1 and a light-chain variable region having the sequence of SEQ ID NO: 2.

[12] The pharmaceutical composition of [9], wherein the IL-6 receptor antibody comprises a heavy chain having the sequence of SEQ ID NO: 3 and a light chain having the sequence of SEQ ID NO: 4.

[13] The pharmaceutical composition of [9], wherein the IL-6 receptor antibody is SA237.

[14] The pharmaceutical composition of any one of [1] to [13], wherein the IL-6-related disease is rheumatoid arthritis, juvenile idiopathic arthritis, systemic-onset juvenile idiopathic arthritis, Castleman's disease, systemic lupus erythematosus (SLE), lupus nephritis, Crohn's disease, lymphoma, ulcerative colitis, anemia , vasculitis, Kawasaki disease, Still's disease, amyloidosis, multiple sclerosis, transplantation, age-related macular degeneration, ankylosing spondylitis, psoriasis, psoriatic arthritis, chronic obstructive pulmonary disease (COPD), IgA nephropathy, osteoarthritis, asthma, diabetic nephropathy, GVHD, endometriosis, hepatitis (NASH), myocardial infarction, arteriosclerosis, sepsis, osteoporosis, diabetes, multiple myeloma, prostate cancer, kidney cancer, B-cell non-Hodgkin's lymphoma, pancreatic cancer, lung cancer, esophageal cancer, colon cancer, cancer cachexia, cancer nerve invasion, myocardial infarction, myopic choroidal neovascularization, idiopathic choroidal neovascularization, uveitis, chronic thyroiditis, delayed hypersensitivity, contact dermatitis, atopic dermatitis, mesothelioma, polymyositis, dermatomyositis, panuveitis, anterior uveitis, intermediate uveitis, scleritis, keratitis, orbital inflammation, optic neuritis , diabetic retinopathy, proliferative vitreoretinopathy, dry eye, post-operative inflammation, neuromyelitis optica, myasthenia gravis, or pulmonary hypertension.

[15] The pharmaceutical composition of any one of [1] to [14], wherein the pharmaceutical composition is a formulation for subcutaneous administration.