|  |  |  |
| --- | --- | --- |
| * **S. No.** | * **Pathogen** | * **Disease caused due to autoimmunity** |
|  | * *AKV murine leukemia virus* | * Autoimmune uveitis |
|  | * *Acinetobacter calcoaceticus* | * Encephalomyelitis |
|  | * *Actinobacillus actinomycetemcomitans* | * Multiple Sclerosis |
|  | * *Agrobacterium tumefaciens* | * Encephalomyelitis |
|  | * *Alcaligenes faecalis* | * Encephalomyelitis |
|  | * *Aspergillus spp.* | * Encephalomyelitis |
|  | * *Bacillus spp.* | * Encephalomyelitis and Multiple Sclerosis |
|  | * *Bacteroides spp.* | * Multiple Sclerosis |
|  | * *Bifidobacterium longum* | * Multiple Sclerosis |
|  | * *Borrelia burgdorferi* | * Encephalomyelitis, Lyme disease and Neuroborreliosis |
|  | * *Bovine spp.* | * Encephalomyelitis |
|  | * *Candida albicans* | * Encephalomyelitis |
|  | * *Chlamydophila pneumoniae* | * Multiple Sclerosis |
|  | * *Campylobacter jejuni* | * Guillain-barre ́ syndrome |
|  | * *Clostridium spp.* | * Multiple Sclerosis |
|  | * B4 *coxsakieviruses* or *cytomegaloviruses* | * Insulin-dependent diabetes meilitus |
|  | * *B3 coxsakieviruses* | * Myocarditis |
|  | * *Dengue virus* | * Abnormal coagulation, Endothelial damage in DHF\_DSS patient, Fibrinolysis, Hemorrhage and Thromocytopenia |
|  | * *Entamoeba histolytica* | * Encephalomyelitis |
|  | * *Enterococcus spp.* | * Multiple Sclerosis |
|  | * *Epstein barr virus* | * Multiple sclerosis and Systemic lupus erythematosus |
|  | * *Escherichia coli* | * Encephalomyelitis, Multiple Sclerosis and Primary biliary cirrhosis |
|  | * *Fusobacterium nucleatum* | * Multiple Sclerosis |
|  | * *Haemophilus influenzae* | * Encephalomyelitis and Multiple Sclerosis |
|  | * *Helicobacter pylori* | * Autoimmune chronic gastritis, Corpus atrophy, Encephalomyelitis and Multiple Sclerosis |
|  | * *Hepatitis B virus* | * Autoimmune uveitis |
|  | * *Herpes spp.* | * Encephalomyelitis and Multiple sclerosis |
|  | * *Klebsiella pneumoniae* | * Ankyiosing spondylitis, Multiple Sclerosis and Reiters syndrome |
|  | * *Lactobacillus spp.* | * Multiple sclerosis and Primary biliary cirrhosis |
|  | * *Leishmania spp.* | * Encephalomyelitis |
|  | * *Measles virus* | * Corhn’s disease |
|  | * *Mycobacterium spp.* | * Encephalomyelitis, Insulin dependent diabetes mellitus, Leprosy, Multiple Sclerosis, Primary biliary cirrhosis, Rheumatoid arthritis and Skin diseases |
|  | * *Mycoplasma spp.* | * Melanoma |
|  | * *Newcastle disease virus* | * Encephalomyelitis |
|  | * *Papillomavirus* | * Encephalomyelitis, Multiple sclerosis and Ovarian autoimmune disease |
|  | * *Pneumocystis carinii* | * Encephalomyelitis |
|  | * *Propionibacterium freudenreichii* | * Encephalomyelitis |
|  | * *Pseudomonas spp.* | * Encephalomyelitis |
|  | * *Streptococci* *spp.* | * Rheumatic fever |

**Table E5.1:** List of pathogens and diseases that are involved in molecular mimicry based autoimmunity.