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**ALS**

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Amyotrophic lateral sclerosis (ALS); Motor neuron disease; Immune activation; Monocyte/macrophage (Zhang, R. (159) 215)

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Human microglia; Interleukin-8; Brain inflammation; Cytokine; Cyclooxygenase-2 (Franciosi, S. (159) 66)

**Amyotrophic lateral sclerosis (ALS)**

Alzheimer's disease (AD); Motor neuron disease; Immune activation; Monocyte/macrophage (Zhang, R. (159) 215)

**Animal model**

Infection; Placenta; Amniotic fluid; Cortex; Schizophrenia (Gilmore, J.H. (159) 106)

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**Central nervous system**

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**Chemokines**

Innate immunity; Glial cells; Central nervous system; Inflammation (Farina, C. (159) 12)

**Chemotaxis**

Cannabidiol; Marijuana; Macrophage; IL-12; IL-10 (Sacerdote, P. (159) 97)

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Guillain-Barré syndrome; Dendritic cells; Myeloid; Plasmacytoid (Press, R. (159) 165)

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Vasculitic neuropathy; Nerve biopsy; Microarray; SCD; TAC1; AIF-1 (Renaud, S. (159) 203)

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**Cortex**

Infection; Placenta; Amniotic fluid; Schizophrenia; Animal model (Gilmore, J.H. (159) 106)

**Cross-reactivity**

Lyme disease; Nervous system; OspA; Autoimmunity (Alaedini, A. (159) 192)

**CTLA-4 gene polymorphism**

HLA-DRB1\*1501; Multiple sclerosis; Disease susceptibility; Disease prognosis; Japanese (Fukazawa, T. (159) 225)

**Cyclooxygenase-2**

Human microglia; Amyloid beta; Interleukin-8; Brain inflammation; Cytokine (Franciosi, S. (159) 66)

**Cytokine**

Human microglia; Amyloid beta; Interleukin-8; Brain inflammation; Cyclooxygenase-2 (Franciosi, S. (159) 66)

Tumor necrosis factor- $\alpha$ ; Transforming growth factor- $\beta$ 1; Spiral cuff electrode; Peripheral nerve (Vince, V. (159) 75)

Catecholamine; Immunosuppression; IL-1 $\beta$ ; IL-10; Stress; TNF- $\alpha$  (Connor, T.J. (159) 119)

**Dendritic cells**

Guillain-Barré syndrome; Chronic inflammatory demyelinating polyradiculoneuropathy; Myeloid; Plasmacytoid (Press, R. (159) 165)

**DHEA**

7 $\alpha$ -Hydroxylation; DNA immunization; Monoclonal antibody; Brain; Neurons (Trap, C. (159) 41)

**Disease prognosis**

CTLA-4 gene polymorphism; HLA-DRB1\*1501; Multiple sclerosis; Disease susceptibility; Japanese (Fukazawa, T. (159) 225)

**Disease susceptibility**

CTLA-4 gene polymorphism; HLA-DRB1\*1501; Multiple sclerosis; Disease prognosis; Japanese (Fukazawa, T. (159) 225)

**DNA immunization**

DHEA; 7 $\alpha$ -Hydroxylation; Monoclonal antibody; Brain; Neurons (Trap, C. (159) 41)

**Dopamine transporter**

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**EAE**

TWEAK; Fn14; Multiple sclerosis; Inflammation (Mueller, A.M. (159) 55)

**Epitope**

Myasthenia gravis; Acetylcholine receptor; T-cell (Ragheb, S. (159) 137)

**Fn14**

TWEAK; EAE; Multiple sclerosis; Inflammation (Mueller, A.M. (159) 55)

**GBS**

Antiganglioside antibody; Phospholipids (Hirakawa, M. (159) 129)

ALS; MMP; Wallerian degeneration (Demestre, M. (159) 146)

**Glia cells**

Innate immunity; Central nervous system; Chemokines; Inflammation (Farina, C. (159) 12)

**Guillain-Barré syndrome**

Chronic inflammatory demyelinating polyradiculoneuropathy; Dendritic cells; Myeloid; Plasmacytoid (Press, R. (159) 165)

**HAM/TSP**

HTLV-I; Th1; IFN- $\gamma$ ; p38 MAPK (Fukushima, N. (159) 196)

**HLA antigens**

Lambert-Eaton myasthenic syndrome; Small cell lung cancer; Smoking; Autoimmunity (Wirtz, P.W. (159) 230)

**HLA-DRB1\*1501**

CTLA-4 gene polymorphism; Multiple sclerosis; Disease susceptibility; Disease prognosis; Japanese (Fukazawa, T. (159) 225)

**HTLV-I**

HAM/TSP; Th1; IFN- $\gamma$ ; p38 MAPK (Fukushima, N. (159) 196)

**Human**

T lymphocytes; Autoimmunity; MHC; Neuroimmunology (Mitsdoerffer, M. (159) 155)

**Human microglia**

Amyloid beta; Interleukin-8; Brain inflammation; Cytokine; Cyclooxygenase-2 (Franciosi, S. (159) 66)

**Human T-lymphotropic virus type I (HTLV-I)-associated myelopathy/tropical spastic paraparesis**

Multiple sclerosis; Chemokine; Th1; Th2 (Narikawa, K. (159) 177)

**7 $\alpha$ -Hydroxylation**

DHEA; DNA immunization; Monoclonal antibody; Brain; Neurons (Trap, C. (159) 41)

**IFN- $\gamma$** 

HAM/TSP; HTLV-I; Th1; p38 MAPK (Fukushima, N. (159) 196)

**IL-1 $\beta$** 

Catecholamine; Cytokine; Immunosuppression; IL-10; Stress; TNF- $\alpha$  (Connor, T.J. (159) 119)

**IL-10**

Cannabidiol; Marijuana; Macrophage; IL-12; Chemotaxis (Sacerdote, P. (159) 97)

Catecholamine; Cytokine; Immunosuppression; IL-1 $\beta$ ; Stress; TNF- $\alpha$  (Connor, T.T.J. (159) 119)

**IL-12**

Cannabidiol; Marijuana; Macrophage; IL-10; Chemotaxis (Sacerdote, P. (159) 97)

**Immune activation**

Amyotrophic lateral sclerosis (ALS); Alzheimer's disease (AD); Motor neuron disease; Monocyte/macrophage (Zhang, R. (159) 215)

**Immunoadsorption**

Myasthenia gravis; Nicotinic acetylcholine receptor; Autoimmunity; Immunotherapy; Neuroimmunology (Psaridi-Linardaki, L. (159) 183)

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**Immunosuppression**

Catecholamine; Cytokine; IL-1 $\beta$ ; IL-10; Stress; TNF- $\alpha$  (Connor, T.J. (159) 119)

**Immunotherapy**

Myasthenia gravis; Nicotinic acetylcholine receptor; Autoimmunity; Immunoadsorption; Neuroimmunology (Psaridi-Linardaki, L. (159) 183)

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