



NCNP 神経免疫国際シンポジウム

Speakers from abroad

Richard Ransohoff (Cleveland Clinic, USA)

Christopher Linington (University of Glasgow, Glasgow, UK)

Francisco J. Quintana (Harvard Medical School, Boston, USA)

Bruno Gran (Nottingham University, Nottingham, UK)

Sammy Bedoui (The University of Melbourne, Australia)

V. Wee Yong (University of Calgary, Canada)

Japanese speakers

Kazuhiro Suzuki (Immunology Frontier Research Center, Osaka University)

Takashi Shichita (Keio University)

Toshihide Yamashita (Osaka University)

Akio Suzumura (Nagoya University)

Jin Nakahara (Keio University)

Sachiko Miyake (Juntendo University)

Kazuo Fujihara (Tohoku University)

Masaaki Niino (Hokkaido Medical Center)

Masaaki Murakami (Hokkaido University)

Takashi Yamamura (NCNP)

日時：平成27年6月10日（水） 9:00 – 18:00

場所：国立精神・神経医療研究センター 教育研修棟ユニバーサルホール
東京都小平市小川東町4-1-1

主催：国立精神・神経医療研究センター病院多発性硬化症センター
国立精神・神経医療研究センター免疫研究部

後援：JST さきがけ「炎症の慢性化機構の解明と制御」研究領域
公益財団法人 精神・神経科学振興財団
特定非営利活動法人 日本多発性硬化症協会

連絡先：NCNP 事務局（国立精神・神経医療研究センター神経研究所免疫研究部内）

E-mail：symposium@ncnp.go.jp

本シンポジウムは事前登録が必要です。詳細については事務局までお問い合わせください。

NCNP Neuroimmunology International Symposium

Opening remarks **9:00 – 9:05**

Takashi Yamamura (NCNP)

Section 1. **9:05 – 10:55**

Chairperson: Sachiko Miyake

9:05 – 9:35 Francisco J. Quintana (Harvard Medical School, USA)

Regulation of CNS inflammation

9:35 – 10:05 Toshihide Yamashita (Osaka University)

RGMa modulates T cell responses and is involved in Th17 cell-induced neurodegeneration in autoimmune encephalomyelitis

10:05 – 10:30 Akio Suzumura (Nagoya University)

The role of IL-19 on autoimmune inflammation in the CNS

10:30 – 10:55 Sammy Bedoui (The University of Melbourne, Australia)

Innate signals, cross-presentation and T cell help in CTL immunity against a neurotropic virus

Coffee break

Section 2. **11:15 – 12:40**

Chairperson: Richard Ransohoff

11:15 – 11:45 V. Wee Yong (University of Calgary, Canada)

The LPS-enhanced M2 macrophages: A new subset that robustly promotes remyelination

11:45 – 12:10 Jin Nakahara (Keio University)

Understanding the pathophysiology of oligodendrocytes in multiple sclerosis

12:10 – 12:40 Christopher Linington (University of Glasgow, UK)

Glial expression of fibroblast growth factor 9 induces a feedback loop that contributes to disease progression in multiple sclerosis

Lunch break

Section 3. 13:40 – 15:25

Chairperson: Takashi Yamamura

13:40 – 14:10 Richard Ransohoff (Cleveland Clinic, USA)

Microglia: A reintroduction

14:10 – 14:35 Kazuhiro Suzuki (Immunology Frontier Research Center, Osaka University)

Control of lymphocyte dynamics by adrenergic nerves

14:35 – 15:00 Takashi Shichita (Keio University)

Role of innate immunity in cerebral postischemic inflammation

15:00 – 15:25 Masaaki Murakami (Hokkaido University)

Gateway Reflex, a novel neuro-immune interaction

Coffee break

Section 4. 15:45 – 17:55

Chairperson: Bruno Gran

15:45 – 16:10 Masaaki Niino (Hokkaido Medical Center)

Vitamin D: its role and potential therapeutic benefits in multiple sclerosis

16:10 – 16:35 Takashi Yamamura (NCNP)

Boundary between multiple sclerosis and neuromyelitis optica

16:35 – 17:00 Sachiko Miyake (Juntendo University)

Innate control of autoimmunity

17:00 – 17:30 Bruno Gran (Nottingham University, UK)

Innate immune regulation of autoreactive responses in MS

17:30 – 17:55 Kazuo Fujihara (Tohoku University)

AQP4-IgG-seronegative NMOSD and MOG-IgG

Closing remarks 17:55 - 18:00

Takashi Yamamura (NCNP)

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Masaaki Murakami (Hokkaido University)

Takashi Yamamura (NCNP)

2015 June 10th

Universal Hall, National Center of Neurology and Psychiatry, Kodaira, Tokyo

Organized by Multiple Sclerosis Center, National Institute of Neuroscience, NCNP

Supported by JST PRESTO "Elucidation and control of the mechanisms underlying chronic inflammation" research area, Japan Foundation for Neuroscience and Mental Health,

NPO Japan Multiple Sclerosis Society

E-mail : symposium@ncnp.go.jp

In order to register to the symposium, please send E-mail to above address.