

CURRICULUM VITAE



Contact Information

PhD, MD. Nguyen Quang Linh
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Personal Details

Name: Nguyen Quang Linh
Gender: Male
Nationality: Vietnamese

Education and Qualifications

2016- 2021 PhD Candidate in Neuroscience, University of Toyama, Japan
2005-2012 General Medicine, Vietnam Military Medical University

Working Experience

2024-to date 108 Military Central Hospital, Department of Physical Therapy
2021 - 2024 108 Military Central Hospital, Department of Stroke, Neurologist
2012 - 2016 108 Military Central Hospital, Stroke Center, Neurologist
10/2020 - 3/2021 Research Assistant, Department Pathology, University of Toyama, Japan
Research Area: Pathology of Neurology disease, focusing on Stroke and neurodegenerative diseases and neurostem cells.

Research Orientation

My research focuses on exploring the pathological mechanisms of stroke and neurodegenerative disorders such as amyotrophic lateral sclerosis (ALS), MS, Parkinson, Alzheimer,... utilizing disease models based on genetic factors. Additionally, I am interested in investigating therapeutic approaches to enhance the quality of treatment for patients with neurological injuries through the application of stem cell technology, artificial intelligence, and rehabilitation techniques. With the goal of reducing the burden of disease and improving the quality of life for patients.

Teaching Experience

2023 – to date: Lecturer, Neurology Institute, 108 Institute of Clinical Medical and Pharmaceutical Sciences

International Publications

1. **Nguyen QL**, Okuno N, Hamashima T, Dang ST, Fujikawa M, Ishii Y, Enomoto A, Maki T, Nguyen HN, Nguyen VT, Fujimori T, Mori H, Andrae J, Betsholtz C, Takao K, Yamamoto S, Sasahara M. Vascular PDGFR-alpha protects against BBB dysfunction after stroke in mice. *Angiogenesis*. 2020 Sep 12. PMID: 32918673. (IF 9,78)
2. Đặng TC, Ishii Y, Nguyen V, Yamamoto S, Hamashima T, Okuno N, **Nguyen QL**, Sang Y, Ohkawa N, Saitoh Y, Shehata M, Takakura N, Fujimori T, Inokuchi K, Mori H, Andrae J, Betsholtz C, Sasahara M. Powerful Homeostatic Control of Oligodendroglial Lineage by PDGFR α in Adult Brain. *Cell Rep*. 2019 Apr 23;27(4):1073-1089
3. Hamashima T, Ishii Y, **Nguyen LQ**, Okuno N, Sang Y, Matsushima T, Kurashige Y, Takebayashi H, Mori H, Fujimori T, Yamamoto S, Sasahara M. Oligodendrogenesis and Myelin Formation in the Forebrain Require Platelet-derived Growth Factor Receptor-alpha. *Neuroscience*. 2020 Jun 1; 436:11-26
4. Naofumi Yoshida, Seiji Yamamoto, Takeru Hamashima , Noriko Okuno , Naruho Okita , Shinjiro Horikawa , Masao Hayashi , Thanh Chung Dang , **Quang Linh Nguyen** , Koichi Nishiyama , Teruhiko Makino , Yoko Ishii , Kei Tomihara , Tadamichi Shimizu , Masabumi Shibuya , Makoto Noguchi , Masakiyo Sasahara. Dysregulation of Amphiregulin stimulates the pathogenesis of cystic lymphangioma. *PNAS*. 2021.