Ali, Sohrab Hossain, Shakawet Hossain, Aminul Islam, Nasir Uddin, Akira Nishizono「Prevalence of Arctic- Like Rabies in Bangladesh」

5) 2011. 9. 11-16 Sapporo XV International Congress of Virology International Union of Microbiological Societies 2011 Congress (IUMS2011) Kamruddin Ahmed, Omala Wimalaratne, Narapati Dahal, Pakamatz Khawplod, Susilakanthi Karunanayake, Takashi Matsumoto, Akira Nishizono「Dvelopment and Evaluation of a Rapid Immuno-chromatographic Test for the Direct Detection of Rabies Virus in Brain Samples from Humans and Animals」

6) 2011.10.6-8 **北九州市 第81回日本感染症学会西日本地方会学術集会** 西園 晃、渡辺 一平 「狂犬病ワクチン接種前後のウイルス中和抗体価を定性的・半定量的に測定できるイムノクロマト法の開発とその大規模評価」

7) 2011. 11. 4-6 **東京都 第52回日本熱帯医学会大会** 松本 昂、Ahmed Kamruddin、Wimalaretne Omala、Nanayakkara Susilakanthi、Perera Devika、Karunanayake Dushantha、西園 晃「スリランカにおける森林型狂犬病」

H. 知的財産権の出願・登録状況

1) 特許

特開 2011-50269 狂犬病ウイルスに対するヒト抗体ならびにその医薬組成物 平成23年3月17日

特開 2011-72248 狂犬病ウイルスに対するヒト抗体ならびにその組成物 平成23年4月14日

2) 実用新案登録

なし

3) その他

なし

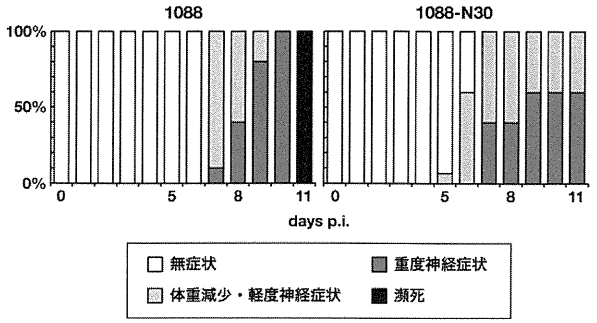

図 1 感染マウスの症状の推移

麻痺が接種側にのみ認められた場合を軽度神経症状とし、それ以上の神経症状を示した場合には重度神経症状と判定した。

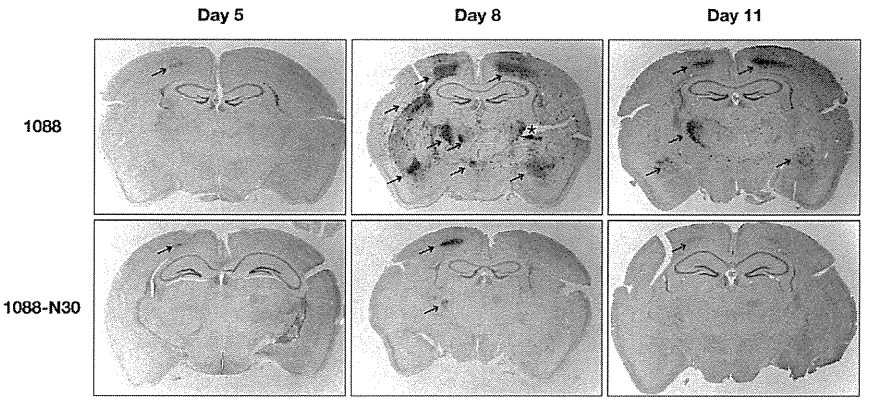

図 2 感染マウス脳内におけるウイルス抗原の拡がり

感染マウスの脳の冠状断面像を示す。染色は抗 P タンパク質抗体で行った。矢印はウイルス抗原陽性部位を、アスタリスクはアーチファクトを示している。各群の代表例をそれぞれ示したが、他の個体でも同様の傾向が認められた。

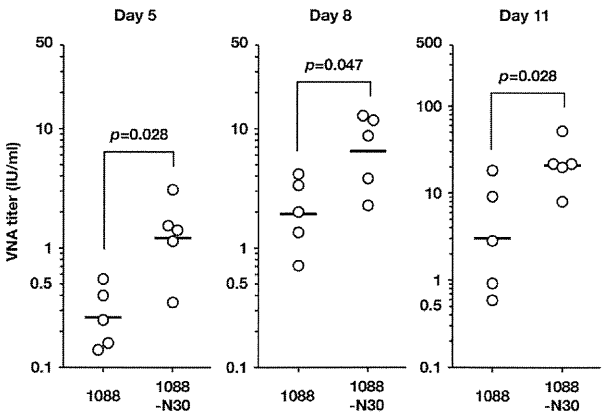

図 3 感染マウスにおける抗狂犬病ウイルス中和抗体価

図中の○は各個体の中和抗体価（VNA）を、バーは幾何平均値を示している。
P 値は Mann-Whitney の U 検定で算出した。

Ⅲ. 研究成果の刊行に関する一覧表

（版権に鑑み、一覧表に掲載された論文のコピーは、
本報告書には添付していない。）

Ⅲ. 研究結果の刊行に関する一覧表

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