

myelitis but to no experimental allergic neuritis. Inoculation with whole sciatic nerve leads exclusively to experimental allergic neuritis. Sciatic nerve basic protein produces no disease. Brain produces very little agglutinating antibody to either encephalitogenic factor or sciatic nerve basic protein. Both whole sciatic nerve and sciatic nerve basic protein, however, produce a marked anti-sciatic nerve basic protein response with little anti-encephalitogenic factor.

There is no correlation between pre-existing high complement-fixing or agglutinating antibody to brain and immunity to experimental allergic encephalomyelitis when animals are challenged.

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