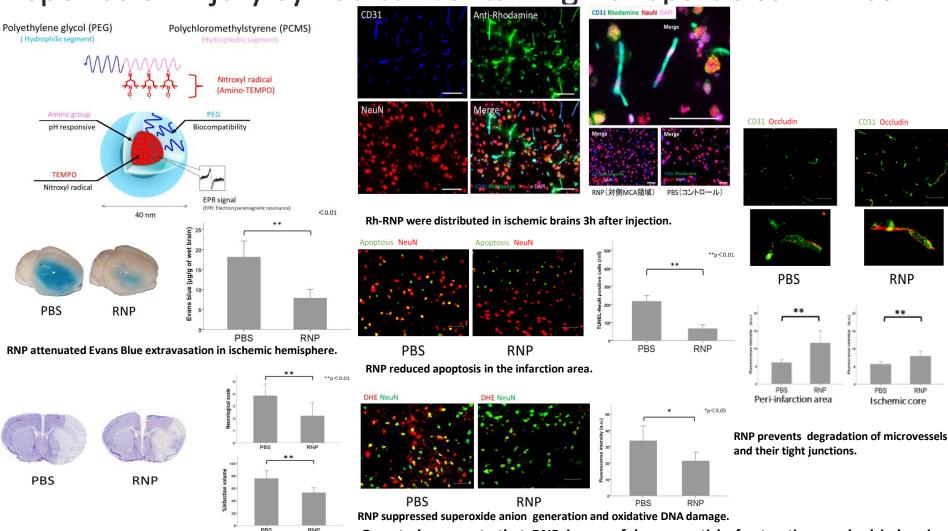
From Laboratory of Neurosurgery

Neurovascular Unit Protection from Cerebral Ischemia— Reperfusion Injury by Radical-Containing Nanoparticles in Mice



- RNP improved neurological deficits and reduced infarction volume.
- References: Hosoo H, et al., *Stroke*. 2017; 48: 2238–2247 Contact: Dr. Aiki Marushima
- Our study suggests that RNP is a useful nanoparticle for treating cerebral ischemic-reperfusion injury.
- An intra-arterial RNP injection could be a promising treatment strategy for neurovascular unit protection by reducing infarction volume and BBB damage and improving multiple ROS scavenging capacities.