



Stroke

Genetic Model (rat) - SHRSP

Scope of application

- Stroke-prone spontaneous hypertensive rats (SHRSP) develop **haemorrhagic and/or ischaemic stroke** spontaneously.
- The genetic mechanisms of spontaneous hypertension have been attributed pathophysiologically to neural and structural vascular alterations

Models

For the study of stroke the SHRSP (**s**pontaneous **h**ypertensive rats **s**troke **p**rone) is used, which develops a stroke under a sodium rich and protein poor diet.

So far this model has been used for various pharmacological studies from different pharmaceutical companies.