

SUPPLEMENTAL MATERIAL

Serelaxin activates eNOS, suppresses inflammation, attenuates developmental delay and improves cognitive functions of neonatal rats after germinal matrix hemorrhage

Mingming Xu^{1,4}, Seyler L², Bäuerle T², Kalinichenko LS³, Müller CP³, Huttner HB¹, Schwab S¹, Manaenko A¹ ✉.

¹Department of Neurology, University Clinic, Friedrich-Alexander-University Erlangen-Nuremberg, Erlangen, Germany.

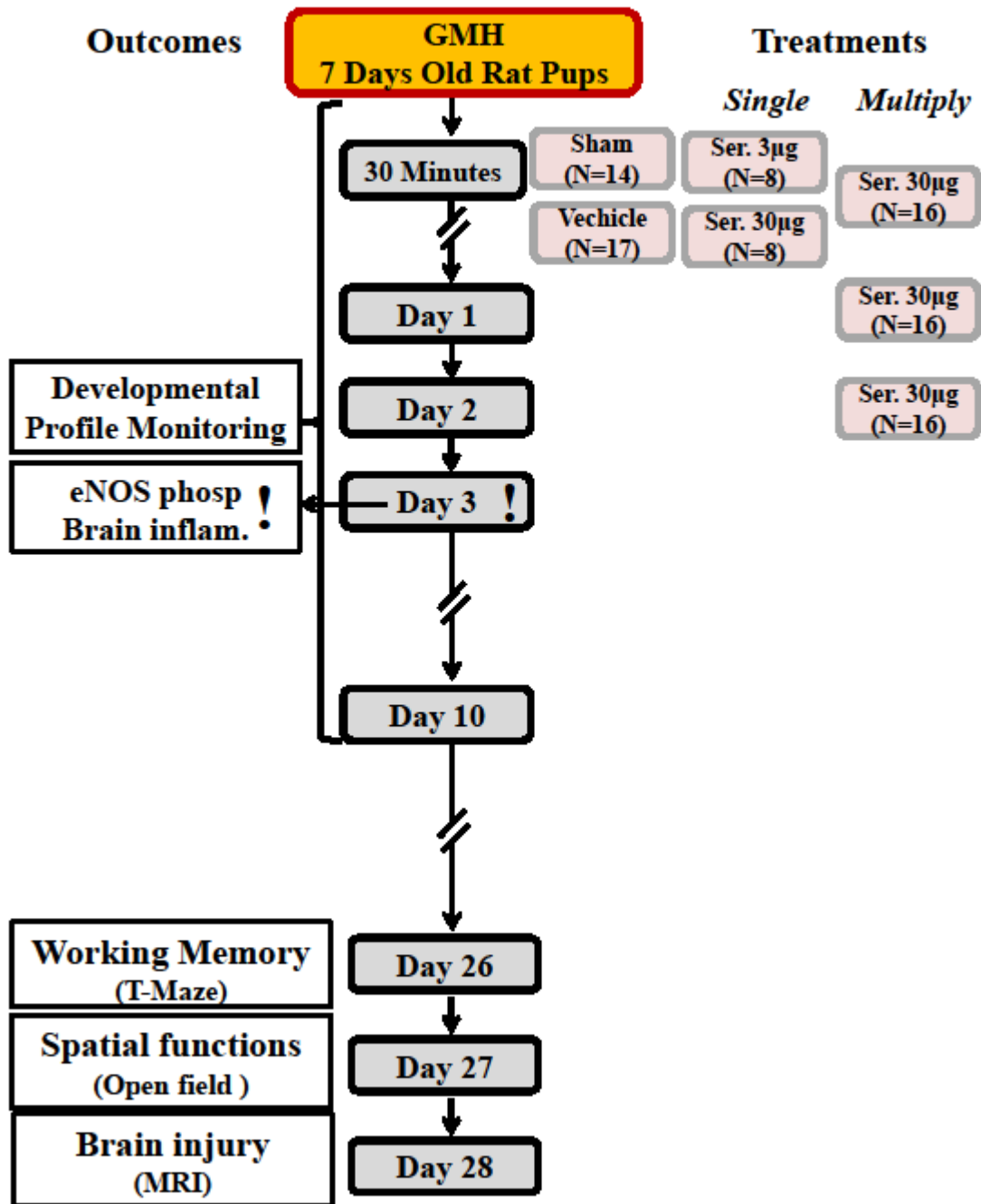
² Department of Radiology, University Clinic, Friedrich-Alexander-University Erlangen-Nuremberg, Erlangen, Germany.

³Department of Psychiatry and Psychotherapy, University Clinic, Friedrich-Alexander-University Erlangen-Nuremberg, Germany.

⁴Department of Neurology, Xinhua hospital affiliated to Shanghai Jiaotong University School of Medicine, Shanghai, China.

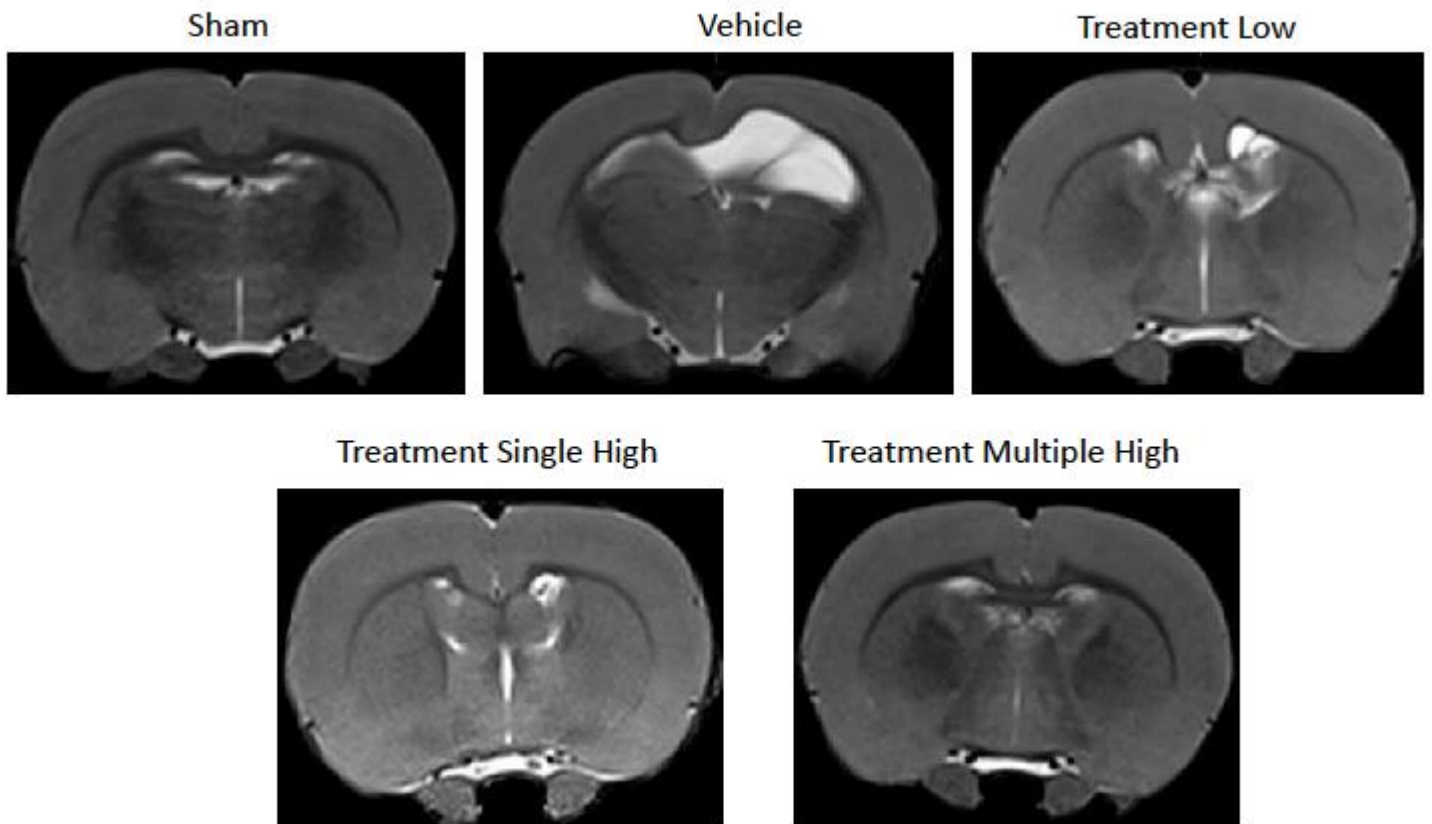
✉ Corresponding author, electronic address: Anatol_Manaenko@outlook.com

Supplemental Fig. 1 Overall Study Design



Supplemental Fig. 2

**Representative MRI scans of animals` brains 28 days after
GMH**



Supplemental Fig. 3

Results of western blot study.

