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Toolbox contribution, i.e. which animal models, antibodies, reagents, mutants, etc can you offer for collaboration:

Experimental models in the cerebro-cardiovascular system:

ischemic stroke in mice

pressure overload mice (TAC)

hindlimb ischemia mice

diabetic nephropathy

myocardial infarction and ischemia-reperfusion injury

Antibodies:

sGC, NOS, NOX, P-VASP/VASP

Mice:

NOX1-/y, NOX2-/y, NOX4-/-, sGCβ2-/-, cre

Biomarkers:

ROS, DHE, NO₂Tyr

STSM topics: which techniques or research topics can you offer for a STSM?

Techniques:

- mouse animal surgery
- isolated blood vessels (ring and strip method)
- NOS/sGC activity

Research topics:

- H₂S and NOS, apo-sGC, NOX
- CO/sGC costimulant

WG Meeting contribution: Any topic, research area, collaboration that you want to raise and/or present/discuss

- Define WG topic and goals
- The interaction between NO and ROS, evidence for ONOO-/NO₂Tyr
- Evidence for CO in in vivo disease models
- Evidence for H₂S in in vivo disease models
- Evidence for NO in in vivo disease models