

**Table 1:** The procedure schedule for all five groups included in the study, comprised in total 102 seven-day-old male Wistar baby rats.

Name of the Procedure	Time					
	Day 6	Day 7	Day 96	Day 97	Day 98	Week 16
Ozone preconditioning (Gr.3)	x					
HIBI induction (Gr.2,3,4,5)		x				
Ozone application (Gr.4)		x				
Decapitation for apoptotic quantification (Gr.1,2,3,4) (8 rats per group)		x				
Blood sample collection for SOD and MDA (Gr.1,2,3,4)		x				
Ozone application (Gr.5)			x	x	x	
Behavior experiments (Gr. 1,2,3,4,5)						x

Gr.: Group, Group 1: Sham surgery, Group 2: Physiological serum administered intraperitoneally following hypoxia, Group 3: Ozone administered intraperitoneally before hypoxia, Group 4: Ozone administered intraperitoneally straight after hypoxia, Group 5: Ozone administered intraperitoneally following hypoxia on Days 96, 97, and 98, HIBI: hypoxic-ischemic brain injury, SOD: superoxide dismutase, MDA: malondialdehyde.