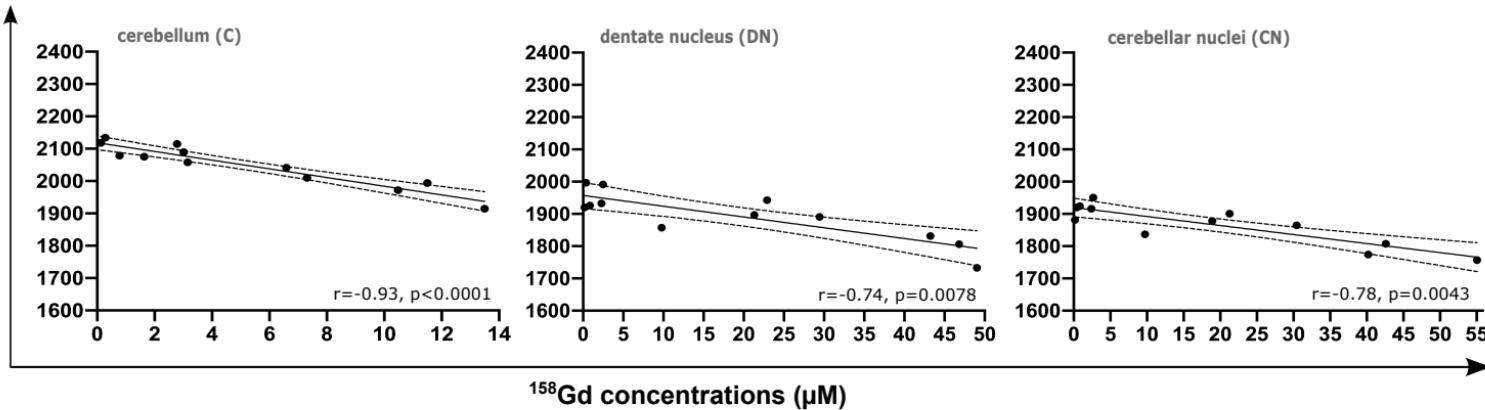**A** cerebellum (C) / dentate nucleus (DN) / cerebellar nuclei (CN)

T1 relaxation time (ms) vs ^{158}Gd concentrations (μM)

cerebellum (C): r=-0.93, p<0.0001
dentate nucleus (DN): r=-0.74, p=0.0078
cerebellar nuclei (CN): r=-0.78, p=0.0043

B blood samples

^{158}Gd concentration (μg/g)

Legend:
- HC Gadopentetate
- EAE Gadopentetate
- HC Gadobutrol
- EAE Gadobutrol
- negative control

	1d p.f.i.	10d p.f.i.	40d p.f.i.	1d p.f.i.	10d p.f.i.	40d p.f.i.	control
HC	0.58 μg/g	0.54 μg/g	0.43 μg/g	1.10 μg/g	0.15 μg/g	0.34 μg/g	0.002 μg/g
EAE	1.89 μg/g	0.24 μg/g	0.74 μg/g	1.20 μg/g	0.80 μg/g	0.44 μg/g	