

Spike timing-dependent plasticity in the mouse barrel cortex is strongly modulated by sensory learning and depends on activity of matrix metalloproteinase 9.

Molecular Neurobiology

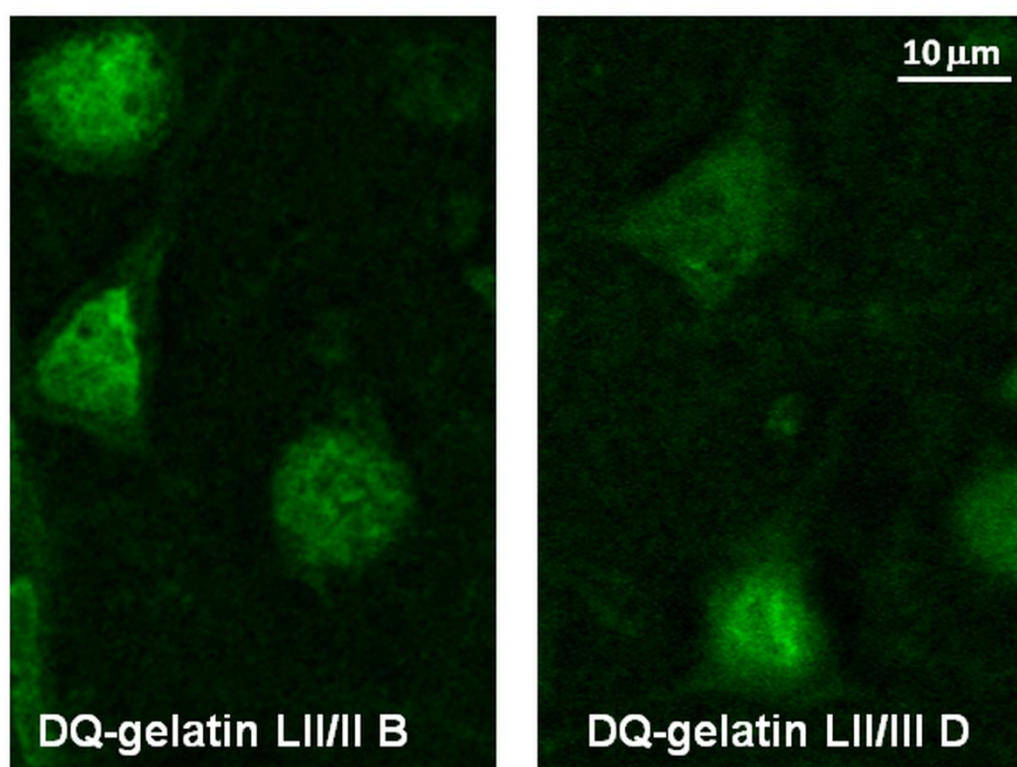
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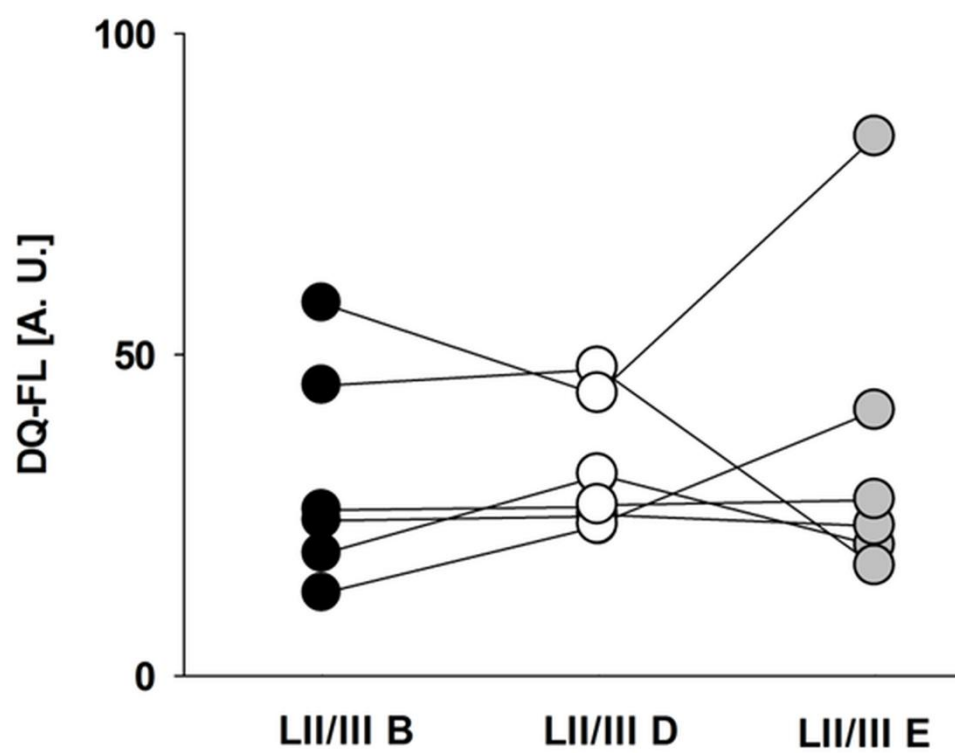
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a



b



Online Resources 2 Associative learning does not affect gelatinases activity in the layer II/III of mouse barrel cortex.

a High magnification images of *in situ* zymography in the layers II/III located above the “trained” barrel B (left) and above “non-trained” barrel D (right). Scale bar – 10 μm .

b Statistics of mean DQ-FL intensity of mouse barrel cortex in the layers II/III situated above the “trained” barrel B (black circles) and “non-trained” barrels: D (white circles) and E (grey circles). Each single circle represents the average value obtained for a single slice.