

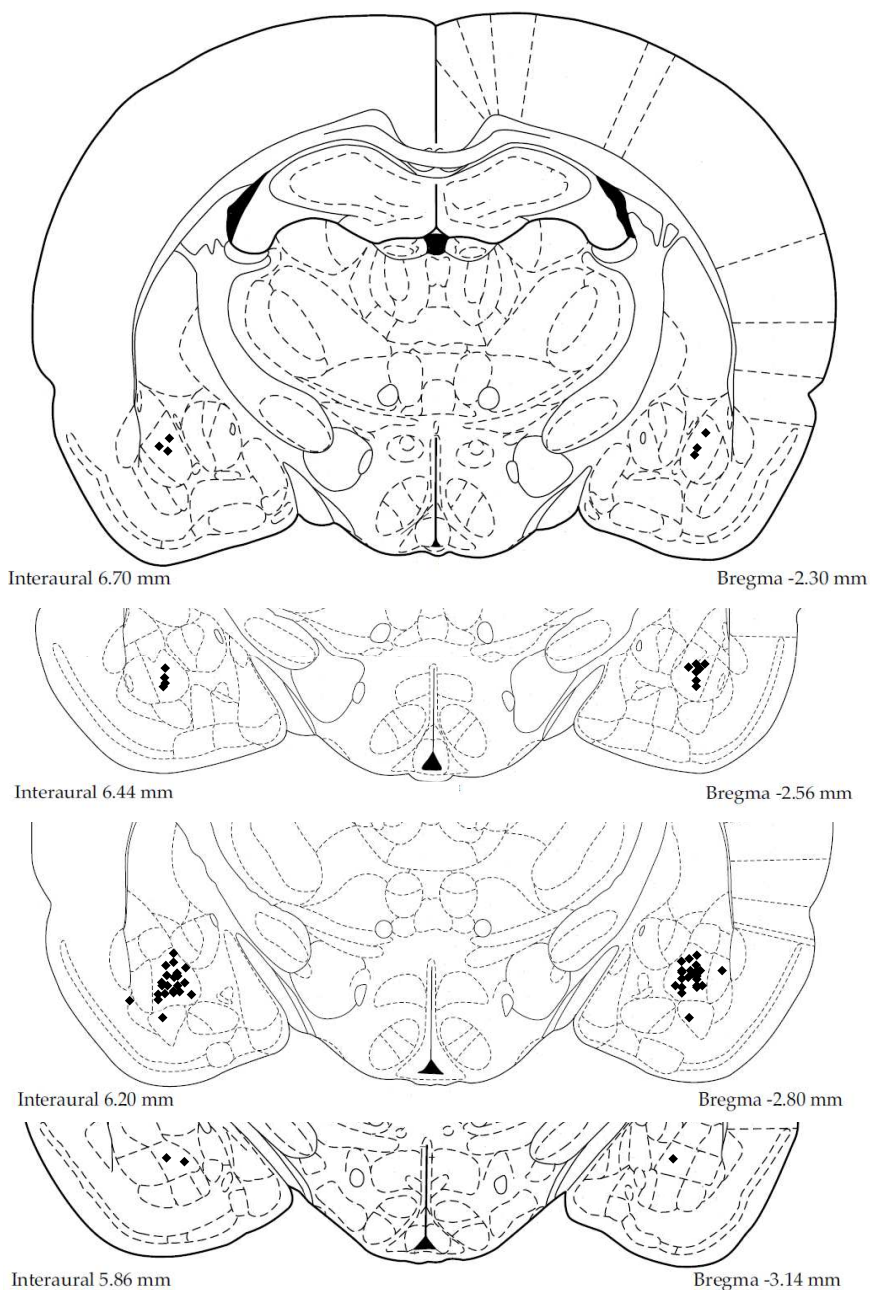
Acid-Sensing Ion Channel 1a in the amygdala is involved in pain and anxiety-related behaviours associated with arthritis

Youssef Aissouni, Abderrahim El Guerrab, Al-Madhy Hamieh, Jeremy Ferrier, Maryse Chalus, Diane Lemaire, Stéphanie Grégoire, Monique Etienne, Alain Eschaliér, Denis Ardid, Eric Lingueglia, Fabien Marchand

Supplementary Table 1: Differentially expressed genes in ipsilateral and contralateral basolateral complex of the amygdala of monoarthritic rats compared to controls using TLdA. Data are expressed as fold changes where 0 equals no change in gene expression and 1 and -1 equal two fold up- and down regulation, respectively. Non-parametric Kruskal-Wallis test. Significant differences are in bold.

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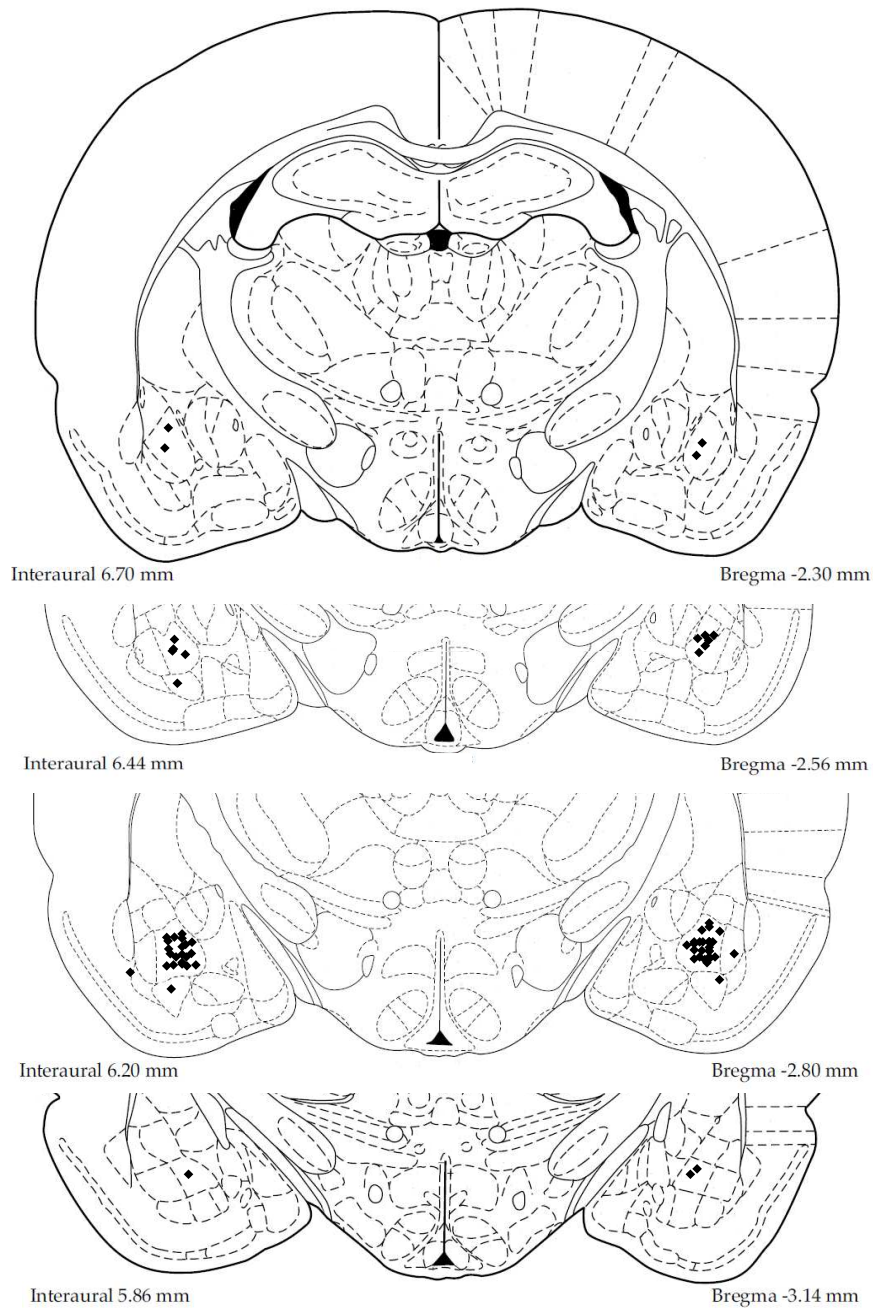
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Supplementary Figure 2: Location of injection site from rats whose behavioural data were included in the statistical analysis for the PcTx1 experiment. The coordinate is posterior to bregma. Adapted from Paxinos, G. & Watson, C. The Rat Brain in Stereotaxic Coordinates, 7th Edition. New York: Academic Press, 2013.

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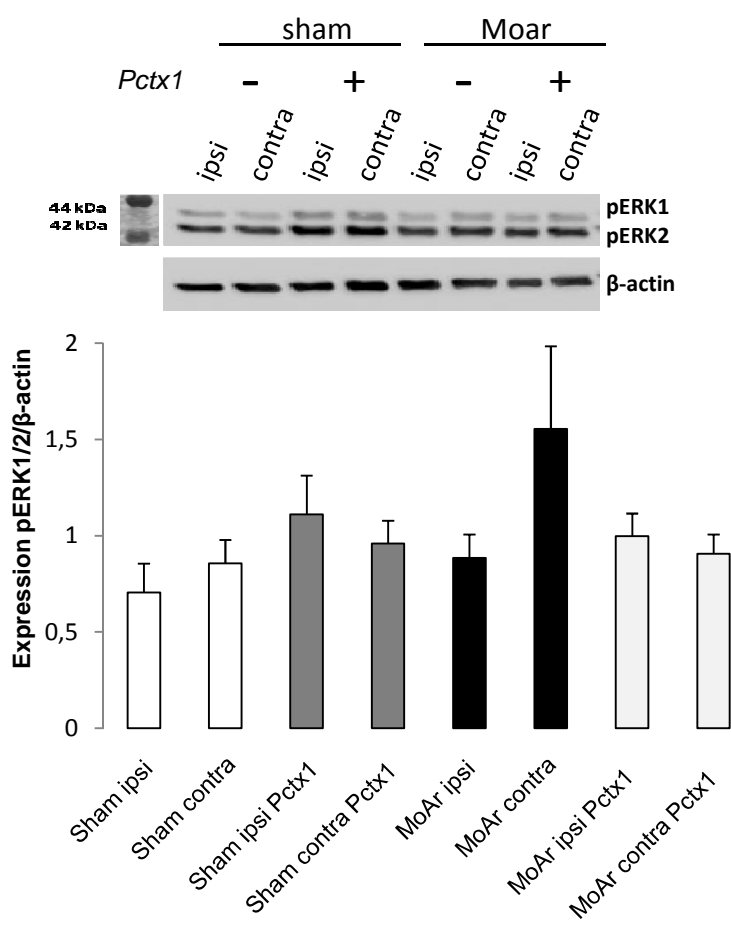
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Supplementary Figure 3: Location of injection site from rats whose behavioural data were included in the statistical analysis for the Manbalgin-1 experiment. The coordinate is posterior to bregma. Adapted from Paxinos, G. & Watson, C. *The Rat Brain in Stereotaxic Coordinates*, 7th Edition. New York: Academic Press, 2013.

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Supplementary Figure 4: Expression of phospho-p44/p42 MAPK (ERK1/2) (Cell signaling #4976, 1:1,000) in ipsilateral and contralateral BLA of sham and MoAr rats treated with saline or Pctx1 evaluated by Western blot. Representative Western blot (upper panel) and densitometric quantification of phospho-ERK1/2 of sham and MoAr rats treated with saline or Pctx1 (bottom panel). All phospho bands of p-ERK1/2 were normalized relative to β-actin (Sigma-Aldrich, 1:5,000) and expressed as individual values.