

Table S1. Characterization of Primary Antibodies Used

Antigen	Immunogen	Manufacturer, Species, Type, Catalogue Number	Dilution used
MR	a 142-amino-acid peptide sequence from the unique DNA-binding domain of the rat MR gene	a gift from M. Kawata (Kyoto Prefectural University of Medicine, Japan), rabbit polyclonal, # Ito et al., 2000	1:2.000
MR	generated against epitopes located at the N terminal of the MR molecule	Elise Gomez-Sanchez, Jackson, USA, rMR 79–87 monoclonal antibody # Gomez-Sanchez et al., 2008	1.200
Aldosterone	Aldosterone-3-CMO-BSA	(Novus Biologicals, LLC, CO, USA), rabbit polyclonal, # MB100-64658	1:2.000
CYP11B2	Chicken serum albumin-conjugated linear peptide corresponding to human CYP11B2 near the N-terminus	Millipore (Darmstadt, Germany), mouse monoclonal, # clone 41-17B Cat # MABS1251. Gomez-Sanchez et al., 2014	1:1.000
11 β HSD2	raised against the recombinant rat 11 β HSD2 protein in sheep	Elise Gomez-Sanchez, Jackson, USA, sheep polyclonal, Gomez-Sanchez et al., 2001	1:3.00
11 β HSD2	Recombinant fusion protein containing a sequence corresponding to amino acids 266-405 of human HSD11B2	St. John's Laboratory Ltd., London, UK. Rabbit polyclonal, (NP_000187.3).	1:1000
CGRP	synthetic entire calcitonin gene-related peptide	Peninsula Laboratories (CA, USA), guinea pig polyclonal, # T-5027 # Mousa et al., 2013	1:1.000

Fig. S1. Confocal microscopy of double immunofluorescence of 11 β -hydroxysteroid dehydrogenase type 2 (11- β HSD2) (*green fluorescence*) with calcitonin gene-related peptide (CGRP) (*red fluorescence*) in dorsal root ganglia of Freund's complete adjuvant-treated rats *versus* controls. Note that the majority of 11- β HSD2 immunoreactivity colocalized with CGRP-immunoreactive neurons but scarcely with some satellite cell-like structures (*arrows*). Bar = 40 μ m.

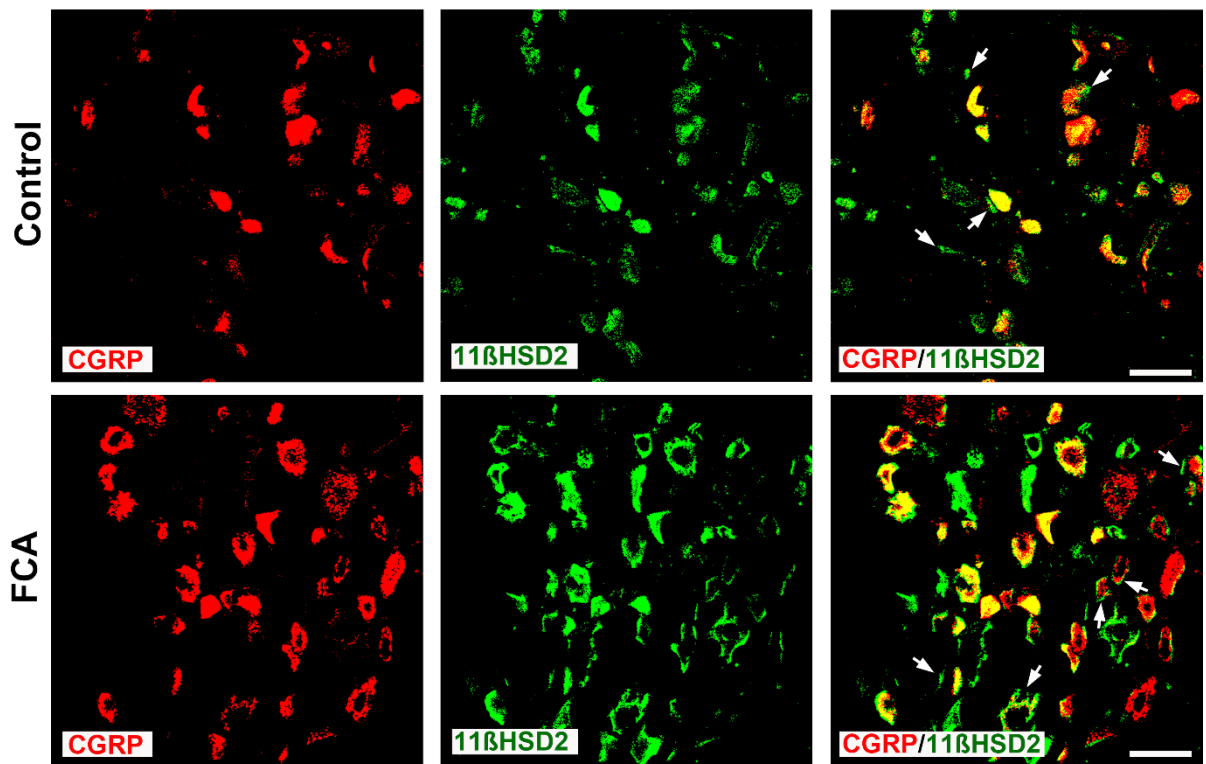


Fig. S2. Graphical abstract of the main findings of this work.

Aldosterone producing enzyme CYP11B2 as a novel target for modulating inflammatory pain

