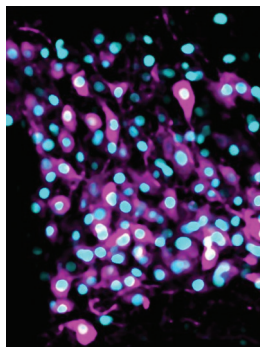


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Cover legend: This image shows vasopressin-releasing neurons of the supraoptic nucleus (magenta) expressing Fos (cyan) following activation by systemic sodium mediated in part by the ion channel Na_x . These neurons maintain homeostasis in response to hypertonicity and hypernatremia. Na_x expression on brain structures called sensory circumventricular organs is required for maintenance of body fluid balance, but whether the expression of this channel in vasopressin neurons plays a role in hypertonicity or hypernatremia homeostatic responses is unknown. Salgado-Mozo et al. used the depicted method and others to investigate this. See their manuscript on pages 8306–8316 for more information. Cover image: Sandra Salgado-Mozo.

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