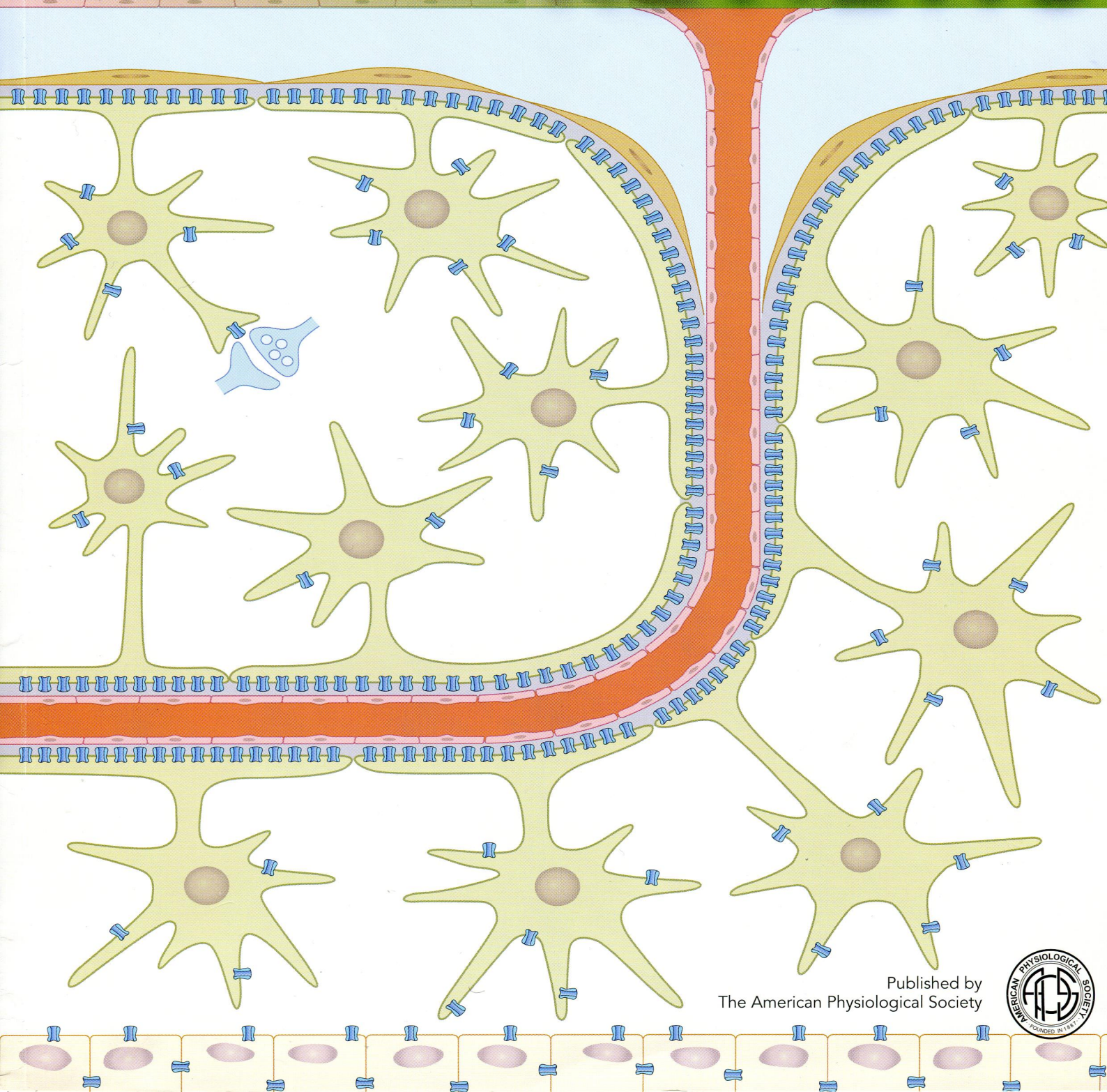


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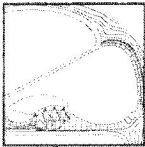




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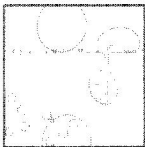
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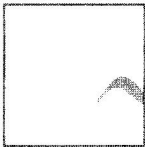
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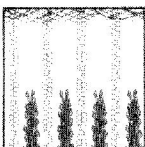
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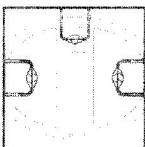
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Cover: Schematic illustration of the distribution of the water channel aquaporin-4 (AQP4; blue symbols) in brain tissue. AQP4 is concentrated in endfeet of astrocytes abutting on brain microvessels and pia. Lower concentrations of AQP4 occur in other astrocyte membrane domains, including those facing excitatory synapses, and in the basolateral membrane domains of ependymocytes (lower margin). See Nagelhus, Erlend A., and Ole P. Ottersen. *Physiol Rev* 93: 1543–1562, 2013.

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