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NEUROBIOLOGY OF RESILIENCE

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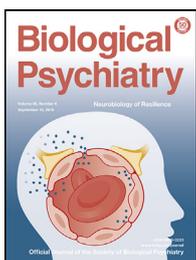
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As you will read throughout this special issue, stress resilience is a complex process that integrates genetics and experience with multiple peripheral and central systems. The cover image depicts a blood vessel within the brain that makes up the blood-brain barrier and serves as an interface between brain and periphery. The right side of the vessel shows that in stress resilient individuals the barrier remains tightly bound, thereby preventing access of peripheral inflammatory molecules into the brain. The left side of the vessel shows that in susceptible individuals stress opens the barrier, leading to increased infiltration of inflammatory molecules that cause behavioral symptoms of depression. Image by Tami Tolpa of Tolpa Studios (www.tolpa.com).
