

Myofibril

A myofibril (also known as a muscle fibril or sarcostyle) is a basic rod-like organelle of a muscle cell. Skeletal muscles are composed of long, tubular cells known as muscle fibers, and these cells contain many chains of myofibrils. Each myofibril has a diameter of 1–2 micrometers.

The upregulated [genes](#) in the [ruptured cerebral arteriovenous malformation](#) group are involved in inflammatory processes and [extracellular matrix organization](#). Some of the downregulated genes participate in [cell adhesion](#) and [myofibril](#) assembly, indicating the role of enhanced [inflammation](#) and reduced inflammation vessel strength in [ruptured cerebral arteriovenous malformation](#) ¹⁾.

¹⁾

Li H, Yan Z, Huo R, Ya X, Xu H, Liu Z, Jiao Y, Weng J, Wang J, Wang S, Cao Y. RNA sequencing analysis between ruptured and un-ruptured brain AVM. Chin Neurosurg J. 2022 Jun 2;8(1):13. doi: 10.1186/s41016-022-00282-4. PMID: 35655323.

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