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PRIMARY LITERATURE RELEVANT TO BARTH SYNDROME BY TOPIC

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TREATMENT OF SYMPTOMS RELEVANT TO BARTH SYNDROME PATIENTS

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Barth Syndrome Foundation

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BSF does not endorse any drugs, tests, or treatments that we may report.

ANIMAL MODELS IN BARTH SYNDROME RESEARCH

- ^{NEW} Braun JL, Hamstra SI, Messner HN, Fajardo VA. **SERCA2a tyrosine nitration coincides with impairments in maximal SERCA activity in left ventricles from *tafazzin*-deficient mice.** [Physiol Rep. 2019 Aug;7\(16\):e14215. doi:10.14814/phy2.14215.](https://doi.org/10.14814/phy2.14215) (PubMed - Open Access)
- ^{NEW} Kimura T, Kimura AK, Ren M, Monteiro V, Xu Y, Berno B, Schlame M, Epand RM. **Plasmalogen loss caused by remodeling deficiency in mitochondria.** [Life Sci Alliance. 2019 Aug 21;2\(4\). pii: e201900348. doi:10.26508/lisa.201900348. Print 2019 Aug.](https://doi.org/10.26508/lisa.201900348) (PubMed - Open Access)*
- ^{NEW} Seneviratne AK, Xu M, Aristizabal Henao JJ, Fajardo VA, Hao Z, Voisin V, Xu GW, Hurren R, Kim S, MacLean N, Wang X, Gronda M, Jeyaraju D, Jitkova Y, Ketela T, Mullokandov M, Sharon D, Thomas G, Chouinard-Watkins R, Hawley JR, Schafer C, Yau HL, Khuchua Z, Aman A, Al-Awar R, Gross A, Claypool SM, Bazinet RP, Lupien M, Chan S, De Carvalho DD, Minden MD, Bader GD, Stark KD, LeBlanc P, Schimmer AD. **The mitochondrial transacylase, *tafazzin*, regulates AML stemness by modulating intracellular levels of phospholipids.** [Cell Stem Cell. 2019 Jun 6;24\(6\):1007. doi: 10.1016/j.stem.2019.04.020.](https://doi.org/10.1016/j.stem.2019.04.020) (PubMed – No Abstract Available)
- ^{NEW} Chang W, Xiao D, Ao X, Li M, Xu T, Wang J. **Increased dynamin-related protein 1-dependent mitochondrial fission contributes to high-fat-diet-induced cardiac dysfunction and insulin resistance by elevating *tafazzin* in mouse hearts.** [Mol Nutr Food Res. 2019 Apr;63\(7\):e1801322. doi: 10.1002/mnfr.201801322. Epub 2019 Jan 18.](https://doi.org/10.1002/mnfr.201801322) (PubMed Abstract)
- ^{NEW} Chang W, Xiao D, Ao X, Li M, Xu T, Wang J. **Increased dynamin-related protein 1-dependent mitochondrial fission contributes to high-fat-diet-induced cardiac dysfunction and insulin resistance by elevating *tafazzin* in mouse hearts.** [Mol Nutr Food Res. 2019 Apr;63\(7\):e1801322. doi: 10.1002/mnfr.201801322. Epub 2019 Jan 18.](https://doi.org/10.1002/mnfr.201801322) (PubMed Abstract)
- ^{NEW} Cade WT, Bohnert KL, Peterson LR, Patterson BW, Bittel AJ, Okunade AL, de Las Fuentes L, Steger-May K, Bashir A, Schweitzer GG, Chacko SK, Wanders RJ, Pacak CA, Byrne BJ, Reeds DN. **Blunted fat oxidation upon submaximal exercise is partially compensated by enhanced glucose metabolism in children, adolescents and young adults with Barth syndrome.** [J Inherit Metab Dis. 2019 Mar 29. doi: 10.1002/jimd.12094. \[Epub ahead of print\]](https://doi.org/10.1002/jimd.12094) ▼
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BARTH SYNDROME

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CARDIOMYOPATHY, HEART TRANSPLANTATION, AND ARRHYTHMIAS

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