

Mitochondrial disorders : The Essential



1st quarter 2026



Quarterly literature review

carried out by the AFM-Téléthon documentation department

This literature review, carried out based on queries on PubMed® without claiming to be exhaustive, presents a selection of references to medical-scientific articles concerning the field of mitochondrial diseases.

L'essentiel des Maladies Mitochondriales

MMITO-2026-1 du 1^{er} janvier au 31 mars 2026

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Ataxie de Friedreich - Friedreich ataxia

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Encéphalopathie myo-neuro-gastrointestinale - Mitochondrial neurogastrointestinal encephalomyopathy (MNGIE)

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Maladie de Charcot-Marie-Tooth d'origine mitochondriale – Mitochondrial Charcot-Marie-Tooth disease

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Maladies liées au gène **ACO2** - *ACO2-related disorders*

Pas de résultat ce trimestre

Maladie liée au gène **GFM1** – GFM1-related disorder

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Ophtalmoplégie externe progressive – *Progressive external ophthalmoplegia (PEO)*

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Syndrome d'Alpers-Huttenlocher - *Alpers-Huttenlocher syndrome*

Pas de résultat ce trimestre

Syndrome de Barth – *Barth syndrome*

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Syndrome de Kearns-Sayre – *Kearns-Sayre syndrome*

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Syndrome de Leigh - Leigh syndrome

Banerjee, S., Mondal, R., Deb, S., Shome, G., Chakraborty, S., Saha, C., Pandit, A., Sen, G., Bhattacharya, S., Sen, P., Bhattacharya, N. P., Roy, J., Chowdhury, A. et Benito-León, J. (2026). **Integrated molecular and clinical profiling of primary mitochondrial oxidative phosphorylation disorders in an Indian cohort: Insights from genetics, neuroimaging, and machine learning.** *Mitochondrion* 89, 102150, doi:[10.1016/j.mito.2026.102150](https://doi.org/10.1016/j.mito.2026.102150).

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