



## Fysiske fund i ME

Seneste forskningsartikler der viser fysiopatologiske processer hos ME-patienter

[Abnormal blood lactate accumulation during repeated exercise testing in myalgic encephalomyelitis/chronic fatigue syndrome](#), June 2019

Katarina Lien, Bjørn Johansen, Marit B Veierød et al.

**Ophobning af mælkesyre i serum som måles med CPET-test (ergospirometritest)**

[Evidence of widespread metabolite abnormalities in Myalgic encephalomyelitis/chronic fatigue syndrome: assessment with whole-brain magnetic resonance spectroscopy](#), April 2020

Christina Mueller, Joanne C Lin, Sulaiman Sheriff et al.

**Inflammation i centralnervesystemet**

[Reduction of Glucocorticoid Receptor Function in Chronic Fatigue Syndrome](#), June 2018

Megan Lynn, Laura Maclachlan, Andreas Finkelmeyer et al.

**Reduktion af hvid substans.**

Resultaterne understøtter ikke hypotesen om, at GR dysregulering er aetopatisk i CFS og tyder på, at nuværende og fremtidige endokrine tværsnitsundersøgelser i CFS kan være sårbare over for den forvirrende indflydelse af barndommen traumer, som sandsynligvis øges ved comorbid depression.

[Autonomic dysfunction in myalgic encephalomyelitis and chronic fatigue syndrome: comparing self-report and objective measures](#), May 2019

Jane Kemp, Leonard A. Jason & Julia L. Newton

**Forstyrrelser i det autonome nervesystem**

[Cerebral blood flow is reduced in ME/CFS during head-up tilt testing even in the absence of hypotension or tachycardia: A quantitative, controlled study using Doppler echography](#), Feb. 2020

C Lina MC van Campen, Freek W A Verheugt, Peter C Rowe, Francis C Visser

**Reduceret cerebral blodgennemstrømning (CBT)**

[Reduced Endothelial Function in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome-Results From Open-Label Cyclophosphamide Intervention Study](#), March 2021

Kari Sørland, Miriam Kristine Sandvik et al.

**Ændring i endotelfunktionen.**

Patienter med ME/CFS havde reduceret endotelfunktionen, der påvirkede både store og små beholdere sammenlignet med sunde kontroller. Ændringer i endotelfunktionen fulgte ikke kliniske reaktioner under opfølgningen efter cyclophosphamide IV-intervention.

**[Metabolic profiling indicates impaired pyruvate dehydrogenase function in myalgic encephalopathy/chronic fatigue syndrome](#)**, Dec. 2016

Øystein Fluge, Olav Mella, Ove Bruland et al.

**Atypisk energimetabolisme**

Analyse hos 200 ME/CFS-patienter og 102 raske personer viste en specifik reduktion af aminosyrer, der giver næring til oxidativ metabolisme via TCA-cyklussen, hovedsageligt hos kvindelige ME/CFS-patienter. Serum 3-methylhistidin, en markør for endogen protein katabolisme, blev signifikant øget hos mandlige patienter.

**[In-Depth Analysis of the Plasma Proteome in ME/CFS Exposes Disrupted Ephrin-Eph and Immune System Signaling](#)**, Jan. 2021

Arnaud Germani, Susan M. Levin & Maureen R. Hanson

**Afvigende immunomarkører**

**[Post-exertional symptoms distinguish Myalgic Encephalomyelitis/Chronic Fatigue Syndrome subjects from healthy controls](#)**, July 2019

Lariel J. Mateo, Lily Chu, Staci Stevens et al.

**Post-exertional malaise (PEM), hjerte-lunge-motion test, symptomer, ME / CFS**

**[Antibodies to  \$\beta\$  adrenergic and muscarinic cholinergic receptors in patients with Chronic Fatigue Syndrome](#)**, Feb. 2016

Madlen Loebel, Patricia Grabowski, Carmen Scheibenbogen et al.

**Afviselser i blodserum**

**[Deconditioning does not explain orthostatic intolerance in ME/CFS \(myalgic encephalomyelitis/chronic fatigue syndrome\)](#)**, May 2021

C. Linda M C van Campen, Peter C Rowe, Frans C Visser et al.

**ME og deconditionering**

**[Comparing Idiopathic Chronic Fatigue and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome \(ME/CFS\) in Males: Response to Two-Day Cardiopulmonary Exercise Testing Protocol](#)**, June 2021

C. Linda M C van Campen & Frans C Visser

**Forskel på ME-patienter og kronisk trætte patienters reaktion på træning**

**[Cerebral blood flow is reduced in ME/CFS during head-up tilt testing even in the absence of hypotension or tachycardia: A quantitative, controlled study using Doppler echography](#)**, 2020

C. Linda M C van Campen, Freek W A Verheugt, Peter C Crowe, Frans C Visser

**[Task Related Cerebral Blood Flow Changes of Patients with Chronic Fatigue Syndrome: An Arterial Spin Labeling Study](#)**, March 2020

Roland Staud, Jeff Boissoneault, Jason C Craggs et al.

**ME- patienter har nedsat bloodflow i hjernen**

**[Blood test may detect myalgic encephalomyelitis/chronic fatigue syndrome](#)**, May 2019

Tianna Hicklin

**Blodprøver for ME**