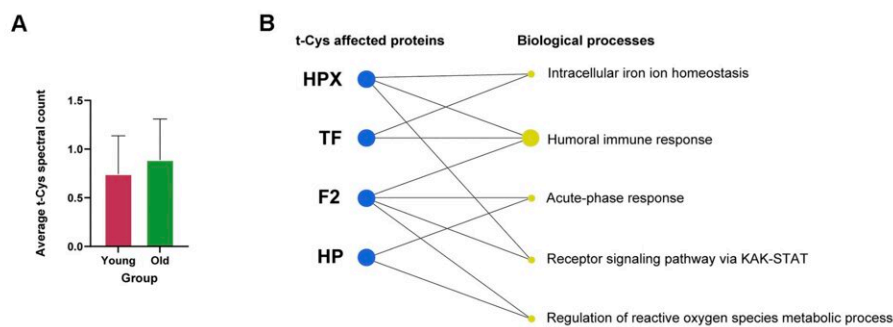


Trioxidized cysteine and aging: Beyond proteinopathic paradigms

August 27 2024



Analysis of the levels of t-Cys residues in the circulating blood plasma platelet proteome of young and old subjects. (A) Average level of t-Cys residues in proteins, categorized by age group. (B) Functional enrichment of differentially expressed peptides featuring t-Cys modification grouped by protein and age. Proteins exhibiting notably greater levels in older individuals as compared to their younger counterparts are depicted as blue dots. The size of the biological process dots corresponds to the differential number of t-Cys proteins incorporated. Significance was established at p

Citation: Trioxidized cysteine and aging: Beyond proteinopathic paradigms (2024, August 27) retrieved 27 August 2024 from <https://medicalxpress.com/news/2024-08-trioxidized-cysteine-aging-proteinopathic-paradigms.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is

provided for information purposes only.