

38 HDL subparticles may be new targets for better heart disease therapies

Hunting down “good” cholesterol to fight cardiovascular disease

A group of researchers from Cincinnati Children's and the University of Cincinnati led by [Long \(Jason\) Lu, PhD](#), are working to better understand high density lipoproteins, the “good” cholesterol that is credited with protecting us from cardiovascular disease.

[Their new study](#), published June 30 in the *Journal of Proteome Research*, reports on a series of genomic and computational analyses backed up with human plasma studies and gene knockout experiments in mice through which they have identified 38 candidate HDL subparticles.

Future work will aim to isolate and characterize the subparticles biochemically as a step toward developing targeted tests and treatments to combat cardiovascular disease.



Long (Jason) Lu, PhD, Associate Professor, Division of Biomedical Informatics

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