



Colorado Science and Engineering Fair

2024 Individual Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: Essentiale Forte and its Effect on NAFLD

Finalist's Name: Levi Goncharov

School and City: Cherry Creek High School, Englewood

Sponsor's Name: Jeffrey Boyce

Category: Biomedical Sciences (BMED)

Division: Senior (9th - 12th grades)

Abstract (250 words or less):

Nonalcoholic fatty liver disease (NAFLD) is an overarching term used to describe nonalcoholic steatohepatitis and cirrhosis. In the last several years, the COVID-19 pandemic has spiked obesity rates which has been known to cause NAFLD. The aim of this retrospective study was to assess the benefits of the treatment of NAFLD with one of the phospholipids which is available in the United States as a dietary supplement. We analyzed existing data received from a doctors office, which included liver function tests that were quantitative for the statistical analyses, which included the p-value and odds ratio. After reviewing the data we found that Essentiale Forte was effective in treating NAFLD, supporting that this supplement can be useful in combating NAFLD.

I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.

Finalist's Signature:

Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. A signed copy of this form must be included in your notebook.