

2016 Annual Scientific Meeting
FIT Open Mic Competition

Presenter: Matt Noble, MD

PRESENTATION INFORMATION

Title of Presentation: The Toxicity of Decaffeinating Coffee

Abstract: Historically, multiple different methods have been used to remove caffeine from coffee, often utilizing potentially toxic solvents such as benzene, trichloroethylene, chloroform, methylene chloride, and ethyl acetate. This talk will briefly review the general concepts of decaffeinating coffee, as well as revisit the various methods used throughout the years. For each process, the toxicologic properties and effects of the solvents will be highlighted.

Objective 1:

Describe the industrial processes by which coffee is decaffeinated

Objective 2:

Review the potential toxicities related to these decaffeinating processes

Objective 3:

Describe a brief history of caffeinated and decaffeinated coffee