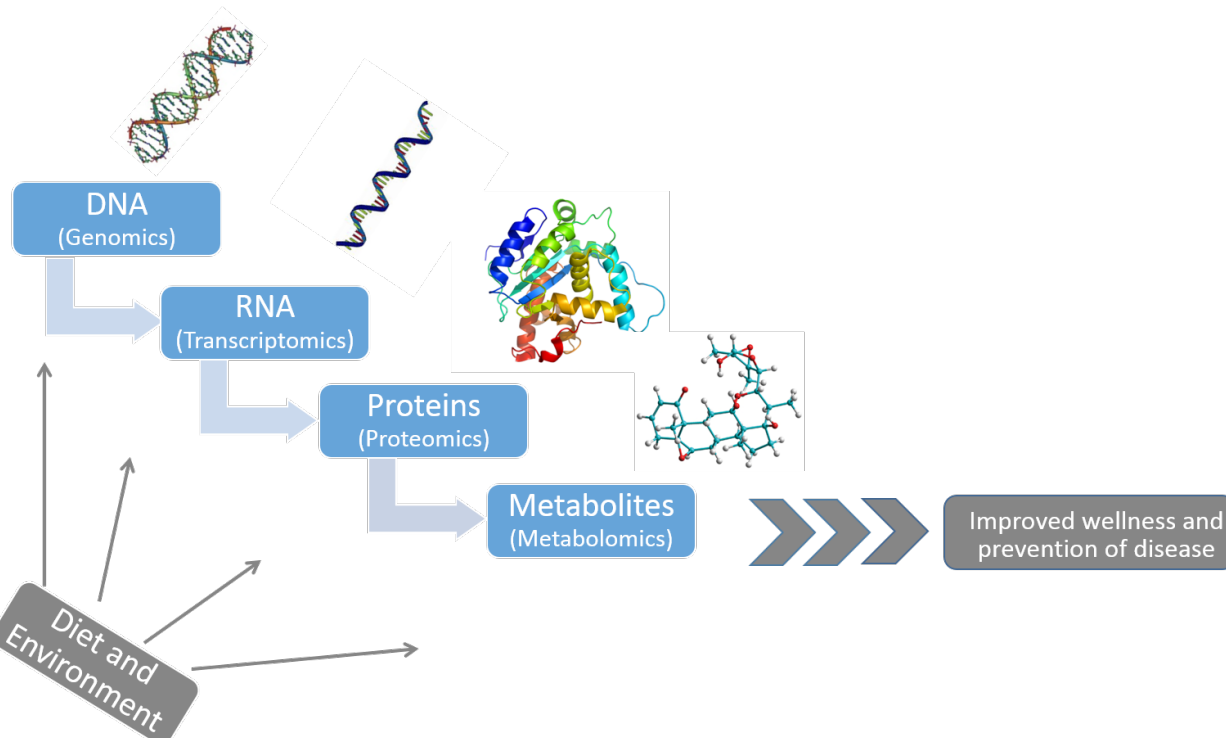


# Personalized Food and Nutritional Metabolomics for Health Discovery Theme

## Purpose

The overall goal of the Metabolomics Discovery Theme is to utilize metabolomic technology and dietary interventions, in conjunction with other “omic” technologies, to help address the global challenge of chronic disease.



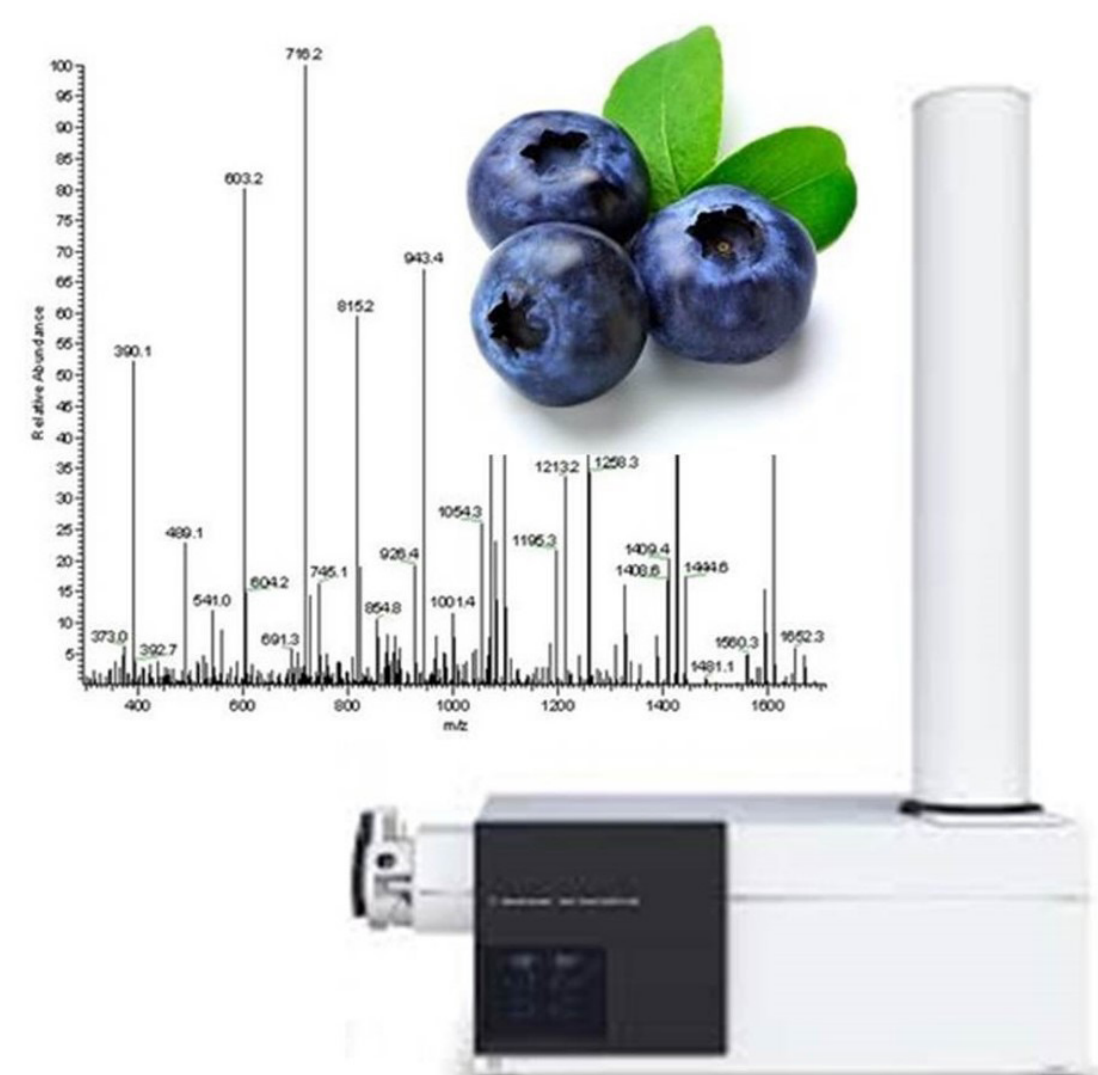
Metabolomics increases understanding of the biochemical variability of individuals in response to foods and dietary interventions in order to improve health and wellness, prevent non-communicable diseases and provide a basis for developing scientifically sound dietary recommendations and public health messages.

## Impact

Determine metabolic profiles of varieties of fruits and vegetables to design dietary interventions used to enhance the nutritional status and wellness of individuals.

Improve the metabolic profile of individuals by strategically developing personalized interventions to improve one’s health and responses to therapeutic interventions.

Identify sensitive biomarkers for assessing nutritional status, and particularly in underserved populations and those most vulnerable to chronic diseases.



## Ohio State Colleges/Units Involved

- College of Dentistry
- College of Education and Human Ecology
- College of Food, Agricultural, and Environmental Sciences
- College of Medicine
- College of Pharmacy
- College of Public Health

## Community Partners Involved

- Mid-Ohio Food Bank
- Major food corporations in Ohio and elsewhere

## How you can get involved:

- Register for Food for Health Communications
- Become a faculty affiliate
- Attend the campus metabolomics seminar series scheduled to begin Autumn 2016
- Watch the website (<http://discovery.osu.edu/ffh>) for announcements for Seed Grants and other funding opportunities
- Inform our program team how we can assist you

## To get involved, contact:

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