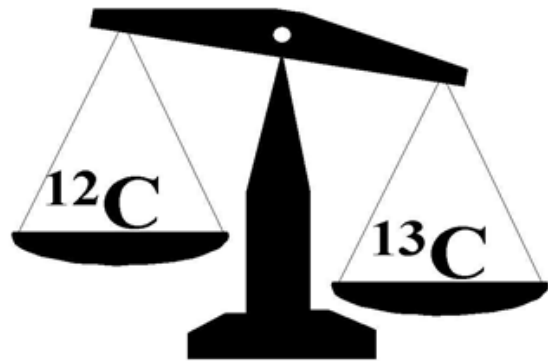


For registration please  
contact:

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# ESPEN INTENSIVE COURSE IN TRACER METHODOLOGY IN METABOLISM



## GET STABLE!

A FACULTY OF  
WELL-KNOWN EXPERTS WILL  
HELP YOU TO BETTER  
UNDERSTAND THE  
PRACTICALITIES OF  
TRACER METHODOLOGY  
ENABLING YOU TO CONFIDENTLY  
ENGAGE IN TRACER STUDIES



## WHEN AND WHERE

April 4-5, 2020

Texas A&M University,  
College Station, Texas,  
USA



# WHAT WILL YOU LEARN?

## TRACERS AND THEIR DETECTION

- Stable and radioactive isotopes
- Deuterium water methods
- Types of mass spectrometers

## PRINCIPLES OF METHODS

- Whole body versus regional/organ
- Isotope dilution versus incorporation

## TRACERS AND THEIR APPLICATIONS

- Tracer methods in carbohydrate, fat, protein, amino acid and energy metabolism
- Isotopes in proteomic research

# HOW WILL YOU LEARN?

You will attend introductory lectures followed by workshops to perform kinetic calculations. In addition we will have 1-2 workshops where participants are welcome to present and discuss their tracer protocols with the faculty and other participants.

All attendees will be able to download the course material from the website before and after the course and receive hand-outs from the lectures.

## ORGANIZING COMMITTEE

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Cost: \$300  
U.S. Dollars