ESPN INTENSIVE COURSE IN TRACER METHODOLOGY IN METABOLISM

WHEN AND WHERE
April 4-5, 2020
Texas A&M University, College Station, Texas, USA

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

GET STABLE!

For registration please contact:
Laura Ruebush, PhD
Le.ruebush@ctral.org
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
Yves Boirie, MD, PhD
Human Nutrition Unit, University of Clermont Auvergne, Clermont-Ferrand, France
Yves.Boirie@inra.fr

Elisabet Borsheim, PhD
Dept. of Pediatrics, University of Arkansas for Medical Sciences, Little Rock, USA
EBorsheim@uams.edu

Nicolaas E.P. Deutz, MD, PhD
Center for Translational Research in Aging & Longevity, Texas A&M University, College Station, USA
Nep.deutz@ctral.org

Dwight E. Matthews, PhD
Depts. of Chemistry and Medicine, The University of Vermont, Burlington, USA
Dwight.Matthews@uvm.edu

Olav Rooyackers, PhD
Dept. of Anesthesiology and Intensive Care, Karolinska Institutet, Stockholm, Sweden
Olav.rooyackers@ki.se

Cost: $300 U.S. Dollars