

ESPEN INTENSIVE COURSE IN TRACER METHODOLOGY IN METABOLISM

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Cost: \$300
U.S. Dollars

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

June 6 - 7, 2026
Texas A&M University,
College Station, Texas, USA



ESPEN

The European Society for
Clinical Nutrition and Metabolism

Organizing Committee

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What will you learn?

• **Tracers & Their Detection**

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

• **Principles of Methods**

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

• **Tracers & Their Application**

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

• **Theories & Practice**

- Calculation of isotopic enrichment
- Kinetic parameters
- Compartmental analysis

You will attend introductory lectures followed by workshops to perform kinetic calculations. 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.

For registration please contact: Laura Ruebush, PhD Le.ruebush@ctr.al.org