

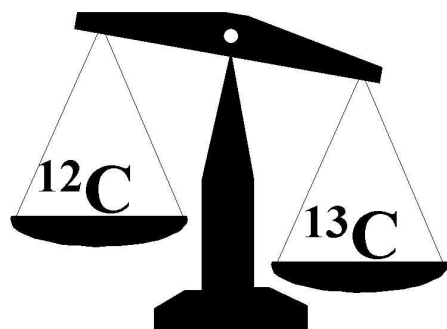
ESPEN

INTENSIVE COURSE IN TRACER METHODOLOGY IN METABOLISM

First announcement

Date: Weekend of June 12 and 13,
2010

Stockholm, Sweden



A multi-professional faculty of well-known experts will help you to better understand the practicalities of tracer methodology enabling you to confidently engage in tracer studies or giving you a head start building your own tracer lab.

WHO SHOULD ATTEND?

Everybody who heard about and is interested in tracer methodology for metabolic research and finally wants to know all details to be able to use it in their own research.

WHAT WILL YOU LEARN?

The course will cover the following areas:

- Day 1 - Tracers, its detection and principles of tracer methods, e.g.
- Stable and Radioactive Isotopes
 - Types of mass spectrometers
 - Principles of methods used:
 - o Whole body versus regional/organ
 - o Isotope dilution versus incorporation
 - How to perform tracer studies
- Day 2 - Application of tracers in metabolic research, e.g.
- Tracer methods in carbohydrate, fat, protein, amino acid and energy metabolism
 - Tracer methods in urea, NO and glutathione metabolism
 - Use of stable isotopes in proteomic research

A special evening lecture on “Problems and Pitfalls of Using Tracers to Measure In Vivo Kinetics” will be given by a world expert.

HOW MUCH WILL IT COST?

Registration will be 250 Euro and will include course fee, meals and party.

There will be help from the organisation to arrange:

1. Accommodation nearby the site of the course
2. Travel to and from Stockholm. Stockholm can be easily reached by public transport from several nearby airports with budget or regular flights

HOW DO YOU APPLY?

Please send a note of interest to the email address below or to any of the organisers and you will receive further announcement and registration forms in due time send to your email address

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HOW TO OBTAIN MORE INFO?

For more and regularly updated information contact one of the organisers

HOW WILL YOU LEARN?

Learning is mainly based on lectures. All lectures will be addressing the material from a practical point of view.

Small workshops will be included in the program to enable participants to practise actual calculations

All delegates will be able to download all the course material from the website before and after the course and receive handouts from the lectures. Helpful literature is "Radioactive and Stable Isotope Tracers in Biomedicine. Principles and Practice of Kinetic Analysis" R.R. Wolfe (ISBN: 0-471-56131-2).

WHAT ELSE DO YOU NEED TO KNOW?

Duration: 2 days (Saturday June 12 and Sunday June 13, 2010)

Venue: Karolinska Institutet, Stockholm, Sweden

Language: English

ORGANISING COMMITTEE

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