

# Endocrinology and Metabolism



## Objectives of the module

### Participants

- know the influence of sex on the regulation of metabolism and energy balance.
- are familiar with sex-specific differences in metabolic diseases.
- know the influence of sex and gender on surgical procedures.
- know the basics of gender development and disorders of gender differentiation.
- know the influence of sex on the physiology and pathology of the liver, gastrointestinal tract and organs of the pelvic floor.
- are familiar with gender differences in microbiomes.

## Content of the module

Metabolic diseases affect the lives of men and women at different stages of life in different and diverse ways. For example, men at a younger age and with lower BMI have a higher risk of type 2 diabetes than women, who in turn are affected by a sharp increase in the risk of post-menopausal diabetes-associated cardiovascular disease.

The module deals with sex-specific aspects of hormonal balance, gonadal differentiation, energy metabolism as well as physiology and pathology of metabolic-relevant organs (liver, gastrointestinal tract, pelvic floor organs).

## Methods

The course consists of lectures, discussion, small-group activities, self-study.

## Proof of performance

Power point presentation (15min)

## Preparation and follow-up

Preparation of presentation

## Credits

1 ECTS-Point and CME-Points

## Target group

Health care professionals and biomedical researchers, specialists from related fields; a university degree at Master's level is required.

## Lecturers

Prof. Dr. med. Lia Bally (Chair)  
PD Dr. med. Dr. phil. Vanessa Banz  
Prof. Dr. med. Guido Beldi  
Prof. Dr. med. Annalisa Berzigotti  
Prof. Dr. med. Christa Flück  
Prof. Dr. med. Annette Kuhn  
Dr. med. Johannes Lenglinger  
PD Dr. med. Beatrice Mosimann  
PD Dr. med. Albrecht Popp

## Date

5 – 6 May 2021

## Place

University of Bern, Mittelstrasse 43, 3012 Bern

## Language

English

## Course fee

CHF 960.–

## Deadline

1 April 2021

## Registration

[www.gender-medicine.ch](http://www.gender-medicine.ch)