

# Translational Nephrology

course - CAS/DAS



## Module 2: Acid-Base Homeostasis

28 June - 22 November 2024

- Participation to single module: **3 ECTS credits** (UZH/UNIBE), **8 CE credits** (SGN/SSN)
- **UZH & UNIBE**: CAS with 5 modules / DAS with 6 modules + additional credits and diploma thesis

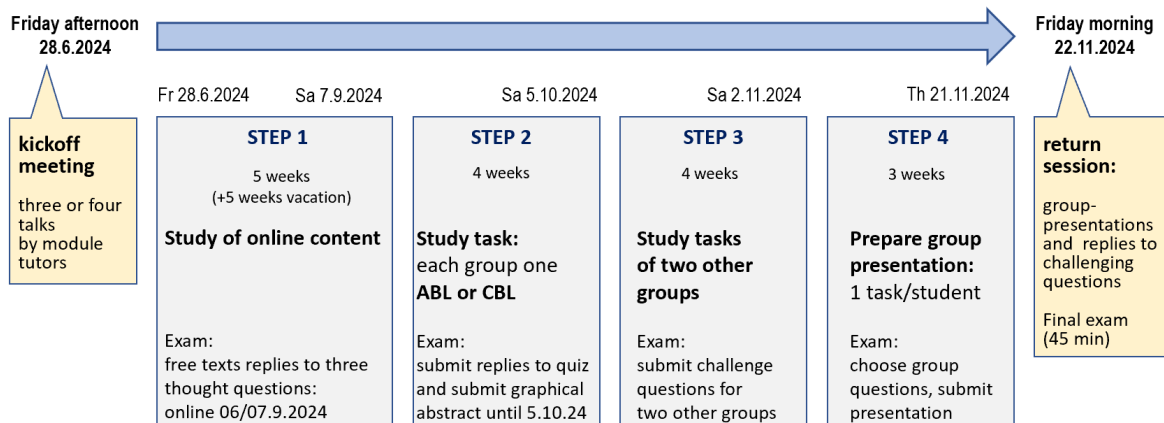
**Register now**

(DL June 15, 2024)

<https://www.nephrologie.unibe.ch/>

### Module 2 overview

#### Translational Nephrology – Module 2 (2024) – Acid-base homeostasis



### Kickoff meeting on June 28, 2:00 pm



**Carsten A. Wagner**  
Institute of Physiology  
University of Zürich

**Systemic control of acid-base balance**



**Pedro Imenez Silva**  
Division of Nephrology and Transplantation, Erasmus Medical Centre, Rotterdam

**Renal regulation of acid-base balance**



**Alexander Ritter**  
Klinik für Nephrologie und Transplantationsmedizin, Kantonsspital St.Gallen

**Clinical evaluation of acid-base disorders**

## Organization and objectives of Module 2

Online study resources, Article- (ABL) and Case-based learning (CBL) tasks, and e-learning platform prepared by **Bernard and Michelle Rossier** (Health Science e-Training Foundation (HSeT) and UNIL) with contributions from tutors **C.A. Wagner, Pedro Imenez Silva, Alexander Ritter and N. Mohebbi**. Organization by **François Verrey** (UZH).

**Learning objectives:** knowledge and understanding of:

- The basic principles of acid-base physiology
- The control of homeostasis
- The renal transport of acids and bases
- The disorders of acid-base physiology and homeostasis

## General information and conditions of participation

- **Translational Nephrology (TN)** is a **blended e-learning continuous education course** providing a comprehensive insight into the basics of nephrology. Organized by the Health Sciences e-Training Foundation (<https://hset.org/>) in collaboration with specialists of the former **NCCR Kidney.CH**, the **Zurich Kidney Center**, and the **Swiss Nephrology Society**. It consists of six separate **4-months modules** (three per year) focusing on different areas of kidney function in health and disease. Successful participation in a module is rewarded with **3 ECTS credits (UZH/UNIBE)** and/or **8 CE credits recognized by the SGN/SSN**. Successful participation in five modules entitles to a **CAS** (Certificate of Advanced Studies) and 6 modules + additional credits and diploma thesis to a **DAS** (Diploma of Advanced Studies) of the Universities of Zurich and Bern. **You may start a CAS or DAS with any module or only take single modules.**

<https://www.weiterbildung.uzh.ch/whp/programme/kurs/translational-nephrology>

- The **course is open to graduates in medicine or life sciences** interested in strengthening their knowledge and understanding of renal pathophysiology and research. For admission, a master's degree or an equivalent experience in medicine or life sciences is required. The courses are limited to a maximum of 24 people.

- Course language is English. The University of Bern is the site for face-to-face courses (kick-off and return sessions) which are accessible via ZOOM for participants from other countries.

Costs: CHF 900.- per module, CHF 500.- for academics and physicians. See <https://www.nephrologie.unibe.ch>. If you have any specific questions, don't hesitate to ask François Verrey ([francois.verrey@uzh.ch](mailto:francois.verrey@uzh.ch)).

## Registration

For registration, please sign in at <https://www.nephrologie.unibe.ch/> and specify for which Module in the drop-down menu 'Registration for'. You may add under 'Comments' whether you envisage making a CAS or a DAS. You best **register asap** (number of participants limited) and **for module 2 'Acid-Base Homeostasis' latest until June 15, 2024.**

Thank you for your interest and best regards

François Verrey, Coordinator of the Translational Nephrology course  
Helen Girard, Adm. Assistant CAS/DAS Translational Nephrology

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### Organization of Translational Nephrology course:

- Coordinator of Translational Nephrology course: *François Verrey (francois.verrey@uzh.ch)*
  - Adm. Assistant CAS/DAS Translational Nephrology: *Helen Girard (helene.girard@uzh.ch)*
  - HSeT Coordinators TN course: *Michelle Rossier and Bernard Rossier*
  - UZH CAS/DAS and Zurich Kidney Center leader: *Johannes Loffing / Andrew Hall*
  - UniBe CAS/DAS leader: *Uyen Huynh-Do*
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