

## **BCPM Webinar Series event**

PD Dr. Philippe Krebs

Experimental Pathology research group, Institute of Pathology, University of Bern

### **Title: Investigation of the local and systemic immune system regulation in COVID-19**

The speaker will be presenting a 30min. update on his BCPM funded project, followed by 10min. for your Q&A.

**When: Thursday May 12 at 17:00h**

**Where: Zoom <https://tinyurl.com/11t1sc0z>**



#### **Abstract:**

One fifth of COVID-19 patients develop severe inflammatory lung disease with respiratory distress. The mechanisms leading to such uncontrolled lung inflammation are unknown. In this project, we will analyse the cells in the lung lavage of COVID-19 patients. For this, we will use different methods to study how and which immune cells get activated during COVID-19. We will also test patient blood for markers of inflammation. Our findings will be compared with results from collaborators working on a mouse model of COVID-19 and clinical studies on COVID-19. We hope so to reveal targets for COVID-19 therapy.