

CB-EC2: Systems Immunometabolism

Person in charge and Representative	Hiller
Contact person	Dr. Kerstin Schmidt-Hohagen k.schmidt-hohagen@tu-braunschweig.de 0531-391 55204 (Senior Scientist in the Hiller group)
Semester	1-6
Topic cluster	Biomedical data science
Duration/Credit	2 weeks, if places are available
Time	July. The exact date incl. time will be announced separately
Place	Practical course will take place in the BRICS (no online course possible)
Prerequisite for the course	Lecture: Systems Immunometabolism Basic knowledge in immunology and biochemistry
Aim of the course	Students will apply their theoretical knowledge to answer different biological questions by using the methods discussed in the seminar. The students will apply several methods, covering cell cultivation, metabolite extraction, seahorse measurements, GC-MS measurements and data analysis, metabolic flux analysis with stable isotopes, etc.