Clinical neuroscience module "C": The human brain in health and disease

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Laboratoire de recherche en neuroimagerie - LREN

2 ECTS

SUMMARY & TOPICS

The course includes a complete description of the healthy and diseased brain. Discussions will cover neuroanatomy, physiology, pathology, and plasticity aspects of each topic listed here after. Students can also benefit from participation in the clinical case presentations at the neurology service of the CHUV on Wednesday mornings. Upon successful completion of the course, students will have developed a broad understanding of normal brain functions and disorders of the central nervous system.
Please note that the bi-weekly course module "C" is intertwined with the module "I" **(Modern Neuroimaging Methods)**. The two modules can be taken together, but also separately.

SCHEDULE & VENUE

When? - We start at SHARP 8h in the morning.
Where? - Charlotte Olivier lecture hall in the [CHUVs main building](#) (ideally through the back entrance on the side of CHUV's parking). **Please, in any case, use the upstairs entrance to the auditorium on the 2nd floor.** After the case presentation we gather in the seminar room of the Mont Paisible 16 building – 5th floor. You can bring your coffee, tea and snacks.
What? - There will be a presentation of a clinical case (in French) until 9h. Don't get scared from the many white coats around.

Date	8h00 - 9h00	10h30	10h45 – 11h45
12 October 2022	Clinical case	Intro	Brain health – big data & diversity
19 October 2022	Clinical case	Stroke	Movement Disorders
2 November 2022	Clinical case	Disorders of consciousness	Sleep & dreams
16 November 2022	Clinical case	Neuro-inflammatory diseases	Epilepsy
30 November 2022	Clinical case	Dementias	Pain & the brain
14 December 2022	Clinical case	Neuro-oncology	Wrap-up

EVALUATION

Journal club presentation and essay

REGISTRATION

The number of participants in each module is limited to 10. Please write a mail to lndscourses@gmail.com before October 3 (with module name as subject and your supervisor in copy), inscriptions will be treated on first come-first served basis.