Evening lectures open to the general public will be held from March 11th to March 15th, covering a variety of fascinating topics including autism, attention disorders, food addictions, and anxiety. The week will conclude on Friday evening with a one-man show by François Mallet centered around the theme of mental health.

Program
https://www.semaineducerveau.ch/

Starting from the academic year 2023-24, the coordination and responsibility of teaching hours and research work supervision hours will be officially recognized by the Faculty of Medicine and rewarded with designated allocation of hours. As the program enters its update phase for the 2024-25 academic year, please feel free to contact us should you wish to propose new courses.

neurocenter@ungie.ch

Why do some people who try drugs struggle with substance abuse while others don’t? Nathalie Ginovart’s team explored the role of impulsivity and the production of dopamine influencing the risk of cocaine abuse. These results, published in eNeuro, show that impulsivity and vulnerability to cocaine abuse might not be linked to dopamine production.

https://www.unige.ch/medias/en/2024/la-production-de-dopamine-nest-pas-lorigine-de-labus-de-cocaine

Giovanni Frisoni’s team has coordinated a multidisciplinary working group of 22 experts from eleven European scientific associations who defined recommendations for the effective and individualized use of biomarkers for the diagnosis of Alzheimer’s disease in memory clinics. Putting patients, instead of the disease or a test, at the center of doctors’ diagnostic considerations constitutes a turning point in the approaches currently applied.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 5</td>
<td>12:15</td>
<td>onsite and online</td>
<td>Usha Goswami, Center for Neuroscience in Education, University of Cambridge, UK</td>
<td><em>Dyslexia, rhythm, language and the developing brain</em></td>
</tr>
<tr>
<td>B&amp;C Seminar, NCCR Evolving Language, UNIGE</td>
<td>H8-03, Campus Biotech, Geneva</td>
<td>More</td>
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<tr>
<td>March 6</td>
<td>16:00</td>
<td>onsite and online</td>
<td>Nelson Spruston, Janelia, Ashburn, USA</td>
<td><em>Learning produces a hippocampal cognitive map in the form of an orthogonalized state machine</em></td>
</tr>
<tr>
<td>BMI Distinguished Seminar, EPFL</td>
<td>SV1717, EPFL, Lausanne</td>
<td>Join</td>
<td></td>
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</tr>
<tr>
<td>March 7</td>
<td>17:00</td>
<td>onsite and online</td>
<td>Tomas Ros, PhD, EEG HUG-UNIGE &amp; Center for Biomedical Imaging (CIBM)</td>
<td><em>Tuning pathological oscillations in brain disorders: real-time training of EEG patterns using neurofeedback</em></td>
</tr>
<tr>
<td>HUG-NC Talks, HUG</td>
<td>Room 7A-2-744/745, Prevost, HUG</td>
<td>More</td>
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</tr>
<tr>
<td>March 11-15</td>
<td>19:00</td>
<td>onsite</td>
<td>Geneva Brain Awareness Week 2023, “Dans ma tête”</td>
<td>Program</td>
</tr>
<tr>
<td>Neurocenter, UNIGE</td>
<td>Auditoire Piaget, UniDufour, Geneva</td>
<td>More</td>
<td></td>
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<tr>
<td>March 11-15</td>
<td>18:00</td>
<td>onsite</td>
<td>Lausanne Brain Awareness Week 2024</td>
<td>Program</td>
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<tr>
<td>Lemanic Neuroscience, UNIL</td>
<td>CHUV, Lausanne</td>
<td>More</td>
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<tr>
<td>March 11</td>
<td>11:00</td>
<td>onsite</td>
<td>Alexis Hervais-Adelman, Department of basic neuroscience, University of Geneva, Switzerland</td>
<td><em>Chalk talk (only of department members)</em></td>
</tr>
<tr>
<td>Seminar Intradpt, Dept of Basic NSs, UNIGE</td>
<td>Neurolounge C07.1530, CMU, Geneva</td>
<td>More</td>
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<tr>
<td>March 11</td>
<td>14:00</td>
<td>onsite</td>
<td>Alla Karpova, Janelia, Ashburn, USA</td>
<td><em>Towards Neural Underpinnings of Small-scale World models</em></td>
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<tr>
<td>BMI Seminar, EPFL</td>
<td>SV1717, EPFL, Lausanne</td>
<td>More</td>
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<tr>
<td>March 12</td>
<td>11:00</td>
<td>onsite</td>
<td>Thomas Hnasko, Department of neuroscience, University of California, San Diego</td>
<td><em>Heterogeneous cell types in VTA reinforce behaviors through distincts mechanisms</em></td>
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<tr>
<td>Dept of Basic Neuroscience, UNIGE</td>
<td>B04.2222, CMU, Geneva</td>
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<tr>
<td>March 12</td>
<td>12:15</td>
<td>onsite and online</td>
<td>Nilli Lavie, Institute of Cognitive Neuroscience, University College London, UK</td>
<td><em>Where is my mind?: The effects of attention on brain, behaviour and cognition</em></td>
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<tr>
<td>B&amp;C Seminar, COSYN, UNIGE</td>
<td>H8-01D, Campus Biotech, Geneva</td>
<td>More</td>
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<tr>
<td>Date</td>
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<td>Speaker</td>
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<tr>
<td>March 12</td>
<td>11:30</td>
<td>Vision&amp;Cognition Seminar, EPFL</td>
<td>SV3715, EPFL, Lausanne</td>
<td>Udo Ernst, University of Bremen, Germany</td>
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<td>March 14</td>
<td>17:00</td>
<td>NeuCl Talks, HUG</td>
<td>Room 7A-2-744/745, Prevost, HUG</td>
<td>Pierre Nicolo, Haute école de santé de Geneve (HES-SE), Geneva, Switzerland</td>
</tr>
<tr>
<td>March 18</td>
<td>11:00</td>
<td>Dept of Basic Neuroscience, UNIGE</td>
<td>Aud. Franceschetti, CMU, Geneva</td>
<td>Olivier Collignon, Université Catholique de Louvain, Belgique</td>
</tr>
<tr>
<td>March 21</td>
<td>17:00</td>
<td>NeuCl Talks, HUG</td>
<td>Room 7A-2-744/745, Prevost, HUG</td>
<td>Mira Katan, Department of Neurology, University Hospital Basel, Switzerland</td>
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<tr>
<td>March 25</td>
<td>11:00</td>
<td>Intra-department Seminar</td>
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<tr>
<td>March 26</td>
<td>12:15</td>
<td>B&amp;C Seminar, COSYN, UNIGE</td>
<td>H8-03, Campus Biotech, Geneva</td>
<td>Steve Majerus, Department of Psychology, Université de Liège, Belgique</td>
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<tr>
<td>March 28</td>
<td>17:00</td>
<td>HUG-NC Talks, HUG</td>
<td>Room 7A-2-744/745, Prevost, HUG</td>
<td>Damien Marie and Clara James, University of Geneva, CIBM, Haute école de santé de Geneve (HES), Switzerland</td>
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<td>World Wide Neuro</td>
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</tbody>
</table>
Grading system for assessing the confidence in the epileptogenic zone reported in published studies: A Delphi consensus study.
Epilepsia - Feb 2024

Acceptance and Commitment Therapy, Combined with Bedtime Restriction, versus Cognitive Behavioral Therapy for Insomnia: A Randomized Controlled Pilot Trial.
Hertenstein E, Trinca E, Schneider CL, Fehér KD, Johann AF, Nissen C
Psychotherapy and psychosomatics - Feb 2024

Altered EEG Patterns in Individuals with Disorganized Attachment: An EEG Microstates Study.
Carbone GA, Michel CM, Farina B, Adenzato M, Ardito RB, Imperatori C, Artoni F
Brain topography - Feb 2024

I don’t feel sick: Cognitive and affective processing of self-health associations using the Implicit Association Test.
Tipura E, Jacot De Alcantara I, Mantelli A, Duong Phan Thanh L, Fischer A, Vulliemoz S, Ronchi R
Journal of health psychology - Feb 2024

Neglecting the bottom space: an object-based disorder? A two-case observational study.
Martin J, Vulliemoz S, Assal F, Ronchi R
Neurocase - Feb 2024

Resting state electroencephalographic alpha rhythms are sensitive to Alzheimer's disease mild cognitive impairment progression at a 6-month follow-up.
Neurobiology of aging - Feb 2024

The DizzyQuest Combined with Accelerometry: Daily Physical Activities and Limitations among Patients with Bilateral Vestibulopathy Due to DFNA9.
Journal of clinical medicine - Feb 2024

Cardio-audio synchronization elicits neural and cardiac surprise responses in human wakefulness and sleep.
Pelentritou A, Pfeiffer C, Schwartz S, De Lucia M
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EANM practice guidelines for an appropriate use of PET and SPECT for patients with epilepsy.
European journal of nuclear medicine and molecular imaging - Feb 2024

Seizure Cycles under Pharmacotherapy.
Friedrichs-Maeder C, Proix T, Tcheng TK, Skarpaas T, Rao VR, Baud MO
Annals of neurology - Feb 2024
Association Between Years of Education and Amyloid Burden in Patients With Subjective Cognitive Decline, MCI, and Alzheimer Disease.

A single-domain antibody for the detection of pathological Tau protein in the early stages of oligomerization.

Neurological Disorders and Women's Health: Contribution of Molecular Neuroimaging Techniques.
Ekmekcioglu O, Albert NL, Heinrich K, Tolboom N, Van Weehaeghe D, Traub-Weidinger T, Atay LO, Garibotto V, Morbelli S, Seminars in nuclear medicine - Feb 2024

European intersocietal recommendations for the biomarker-based diagnosis of neurocognitive disorders.

High-dose glucocorticoids in COVID-19 patients with acute encephalopathy: clinical and imaging findings in a retrospective cohort study.

Molecular Imaging of Acute Graft-Versus-Host Disease.

Diagnostic performance of molecular imaging methods in predicting the progression from mild cognitive impairment to dementia: an updated systematic review.

Complement Activation Is Associated With Disease Severity in Multiple Sclerosis.


Current State of EEG/ERP Microstate Research.
Michel CM, Brechtl L, Schiller B, Koenig T, Brain topography - Mar 2024
Swiss trial of decompressive craniectomy versus best medical treatment of spontaneous supratentorial intracerebral haemorrhage (SWITCH): an international, multicentre, randomised-controlled, two-arm, assessor-blinded trial.
European stroke journal - Feb 2024

Survival without severe neonatal morbidity after antenatal betamethasone dose reduction: a post hoc analysis of a randomized non-inferiority trial.
Baud O, Sentilhes L, Ursino M, Doret-Dion M, Alberti C, Aupiais C, Schmitz T,
American journal of obstetrics and gynecology - Feb 2024

Quantification of brain-wide vascular resistivity via ultrafast Doppler in human neonates helps early detection of white matter injury.
Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism - Feb 2024

Connectome architecture shapes large-scale cortical alterations in schizophrenia: a worldwide ENIGMA study.
Molecular psychiatry - Feb 2024

Differential privacy preserved federated learning for prognostic modeling in COVID-19 patients using large multi-institutional chest CT dataset.
Medical physics - Feb 2024

Combined effects of neuroticism and negative emotional context on spontaneous EEG dynamics.
Deodato M, Seeber M, Mammeri K, Michel CM, Vuilleumier P
Social cognitive and affective neuroscience - Feb 2024

Insights into single-timepoint ASL hemodynamics: what visual assessment and spatial coefficient of variation can tell.
La Radiologia medica - Feb 2024
TMTV-Net: fully automated total metabolic tumor volume segmentation in lymphoma PET/CT images - a multi-center generalizability analysis.
European journal of nuclear medicine and molecular imaging - Feb 2024

Addressing climate change with behavioral science: A global intervention tournament in 63 countries.
Vlasceanu M, van der Linden S et al
Science advances - Feb 2024

The Image Biomarker Standardization Initiative: Standardized Convolutional Filters for Reproducible Radiomics and Enhanced Clinical Insights.
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Enhanced attention-related alertness following right anterior insular cortex neurofeedback training.
iScience - Feb 2024

Silva Alves A, Rigoni I, Mégevand P, Lagarde S, Picard F, Seeck M, Vuillèmeoz S, Rohrhi N
Epilepsia - Feb 2024

Enhanced direct joint attenuation and scatter correction of whole-body PET images via context-aware deep networks.
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Dynamic functional changes upon thalamotomy in essential tremor depend on baseline brain morphometry.
Bolton TAW, Van De Ville D, Régis J, Witjas T, Girard N, Levivier M, Tuleasca C
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