

<b>Title of the UE : (teaching unit)</b> <b>Neurodegenerative processes</b>	
<b>Volume of time</b>	24h CM    3h TD <span style="float: right;"><b>Semester: 9</b></span>
<b>Teaching Team:</b>	<b>Leaders</b> : Lionel Dahan and Cedrick Florian <b>Team</b> : Lionel Dahan, Cedrick Florian, Marie Christine Miquel, Laure Verret, Claire Rampon, Julien Delrieu, Jérémie Pariente, etc... (not exhaustive)
<b>EU Objective:</b>	This teaching has 2 main objectives: 1/ to present an overview of the cellular and molecular mechanisms underlying neurodegenerative processes together with an update on prominent treatments and therapeutics in neurodegenerative diseases. 2/ to identify the aims and the functioning of scientific meeting and to provide basic skills necessary to organise a scientific meeting
<b>EU Contents:</b>	This teaching unit will be organised as a scientific meeting, lasting 2 days, consisting of conferences given by local, national and international speakers presenting their latest research work. The students will be in charge of organizing and managing the meeting. <ul style="list-style-type: none"> <li>• <i>This is a preliminary, not a final, list of speakers and topics:</i> <ul style="list-style-type: none"> <li>- International guest star, changing every year.</li> <li>- Neuronal death mechanisms (Solange Desagher, CNRS, IGMM, Montpellier)</li> <li>- Pathophysiology of AD (L. Verret, CNRS UT3, Toulouse) or Pathophysiology of AD &amp; biomarkers (Sylvain Lehmann, INSERM, CHU, Montpellier)</li> <li>- Glial and neuronal Tau pathology (K. Richetin, CHUV, Lausanne &amp; L. Verret, CNRS UT3, Toulouse)</li> <li>- Prion-like mechanisms in neurodegenerative diseases (D. Vilette, INRA, ENVT, Toulouse)</li> <li>- A viral peptide against neuronal degeneration in PD (D. Dunia, INSERM, CPTP, Toulouse)</li> <li>- Modelling the spreading of apoptotic signals in neurons (J.-M. Peyrin, CNRS, Paris)</li> <li>- Pathophysiology of PD, from non-human primate models to exosomes (Erwan Bézard, INSERM, dir Institut Maladies Neurodégénératives, Bordeaux)</li> <li>- Huntington disease and corticogenesis (Sandrine Humbert, CNRS, Grenoble)</li> <li>- Clinical diagnosis of neurodegenerative diseases : the challenge of biomarkers (Audrey Gabelle, Montpellier)</li> <li>- Innovative therapies in neurodegenerative diseases : targeted/personalized therapies (Julien Delrieu, Toulouse)</li> <li>- Place of genetics in the diagnosis and treatment of neurodegenerative diseases (Cedric le Gaignec or Olivier Patat and Jérémie Pariente)</li> </ul> </li> </ul>
<b>Required level</b>	Master 1 in Neurosciences, Pharmacology or Bio-Sciences
<b>Keywords:</b>	Alzheimer, Parkinson, Apoptosis, Astrocyte, Biomarkers, Innovative treatments
<b>FTLV (Y/N)</b>	None
<b>Skills:</b>	
<b>Skills block:</b>	