**5BN06 – Normal and pathological neurotransmission and signaling – 2017/18**

*version 3 - le 23/10/2017*

Tous les enseignements ont lieu dans la **salle de séminaire de l'Institut du Fer à Moulin (Inserm U839-UPMC)**

accès piéton par le 7 rue du Fer à Moulin, 75005 Paris (la salle de séminaire est au Rez-de-Chaussée)

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| 1st week: | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Morning | | | | Afternoon | | |
| **Mon. Nov 20th :** | | *"free" time to prepare oral presentations* | | **13h30-16h30** | **JA Girault** – introduction + Protein phosphorylation and intracellular signaling | **16h30-18h** | *"free" time to prepare oral presentations* |
| **Tue. Nov 21st :** | **10h-12h** | **PJ. Corringer** - Nicotinic acetylcholine receptors and their homologs – structure and function | | **13h30-15h30** | **L. Bellochio** – Endocannabinoids, mouse genetics | **16h-18h** | *"free" time to prepare oral presentations* |
| **Wed. Nov 22nd :** | **10h-12h** | **L. Maroteaux** - Serotonin signaling, Addiction and Depression | | **13h30-15h30** | **S. Marullo** - Regulation of GPCRs by membrane trafficking | **16h-18h** | *"free" time to prepare oral presentations* |
| **Thu. Nov 23rd :** | | *"free" time to prepare oral presentations* | | **13h30-15h30** | **JA. Girault** – Physiology and Pathology of Dopamine signaling | **16h-18h** | **JC. Corvol** – Pharmacogenetics of addictions |
| **Fri. Nov 24th :** | | *"free" time to prepare oral presentations* | | **13h30-15h30** | **A.Roumier** – Glia and neurotransmission | **16h-18h** | **S. Jamain** – Genetics of psychiatric disorders |

| 2nd week: | | | | | | | |
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| | Morning | | | | Afternoon | | |
| **Mon. Nov 27th :** | | *"free" time to prepare oral presentations* | | **13h30-15h30** | **P. Marin** – Neuroproteomics | **16h-18h** | **S. Birman** - Drosophila in the study of behaviour and neurodegeneration |
| **Tue. Nov 28th :** | **10h-12h** | **P. Vernier** – Gene families in neurotransmission: Duplication and evolution - The example of dopamine neurotransmission | | **13h30-15h30** | oral presentation of articles **by the students** (presence of all the students is mandatory) | **16h-18h** | **S. Al Awabdh** - Structure and dynamics of inhibitory synapses in the CNS |
| **Wed. Nov 29th :** | **10h-12h** | **F. Tronche** - Regulation of gene expression in the brain | | **13h30-15h30** | **S. Humbert** – Huntington's disease | **16h-18h** | oral presentation of articles **by the students** (presence of all the students is mandatory) |
| **Thu. Nov 30th :** | | | | **13h30-15h30** | **B. Gasnier** - Neurotransmitter transporters | **16h-18h** | oral presentation of articles **by the students** (presence of all the students is mandatory) |
| **Fri. Dec 1st :** | **10h-12h** | **E. Formstecher** - Local and global protein-prot. interaction mapping ; application to cell signaling in neuroscience. | | **13h30-15h30** | oral presentation of articles **by the students** (presence of all the students is mandatory) | | |