**HAV919V. Physiopathologie intégrée : Tronc commun mutualisé à tous M2 Biologie santé tronc commun, TC N°4.**

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| CM | S37 | S38 | S39 | S40 | S41 |
| **Time** | **Mardi 10/09/2024** | **Mardi 17/09/2024** | **Mardi 24/09/2024** | **Mardi 01/10/2024** | **Mardi 08/10/2024** |
| **13:15-14:45** | **S. Matecki & F. Perrin**  *Introduction TC4 and FHU REGENHAB*  ***SC 12.01*** | **S. Matecki**  *Tissue engineering applied to muscle regeneration*  ***SC 1.01*** | **C. Raoul**  *Gene therapy and ALS*  ***SC 1.01*** |  | **C. Rivat**  Pulsed radiofrequency in a pain context  ***SC 1.01*** |
| **15:00-16:30** | **L. Visier**  *Chronic diseases*  ***SC 12.01*** | ***G. Poulen***  *Deep brain stimulation*  ***SC 1.01*** | ***G. Poulen***  *Gene therapy*  ***SC 1.01*** | **YM. Pers**  The revolution 2.0 in the management of osteoarthritis: challenges and perspectives  ***SC 1.01*** | ***J. De vos***  *Cellular therapy in primary ciliary dyskinesia – towards a proof of concept for chronic respiratory diseases*  ***SC 1.01*** |
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|  | **Vendredi 13/09/2024** | **Vendredi 20/09/2024** | **Vendredi 27/09/2024** | **Vendredi 04/10/2024** | **Vendredi 11/10/2024** |
| **8:00-09:30** | **J P Cristol**  *Oxidative stress: From toxicity to cell interactions*  ***SC 1.01*** | **C. Fattal**  *Technologies avancées d’Assistance ou de Suppléance de la déficience motrice chez la personne lésée médullaire.*  ***SC 1.01*** | ***K. YAUY***  *AI applied to medicine*  ***SC 1.01***  **A. Meli**  *Organ-on-a-chip and organoids to model the cardiac pathophysiology*  ***SC 1.01*** | **D. Guiraud**  *Amputees*  ***SC 1.01*** | **L. Dagneaux**  Le genou prothétique  « augmenté » Mythe ou réalité ?  ***SC 1.01*** |
| **9:45-11:15** | **O. Jonquet**  Ethics of clinical research  ***SC 1.01*** | **A. Kheddar**  *Introduction to bionics*  ***SC 1.01*** | **Y. Gerber**  Ethics and animal experimentation  ***SC 1.01*** | **F. Perrin**  *Augmented human*  ***SC 1.01*** |