



NOM

MONTÉL

PRENOM

Valérie

STATUT

Assistant Ingénieur
BAP A

TELEPHONE

0374008204

COURRIEL
PROFESSIONNEL

Valerie.montel@univ-
lille.fr

EQUIPE/THEME :

Equipe 1 : Activité Physique, Muscle et Santé (APMS)

Thème : Adaptations et dysfonctionnements de la fonction neuromusculaire

COMPOSANTE :

Faculté des Sciences et Technologies (FST)

DOMAINES DE RECHERCHE :

Physiologie et physiopathologie neuromusculaire

PRESENTATION (5-10 LIGNES) :

Responsable de l'animalerie Eurasport :

- Gestion technique de l'animalerie
- Responsable du plateau technique de mesures de l'activité contractile

Participation aux projets de recherche du thème « Adaptations et dysfonctionnement de la fonction neuromusculaire » :

- Etude par télémétrie des adaptations musculaires chez la souris
- Etude d'un modèle physiologique de paralysie cérébrale

PUBLICATIONS DES 5 DERNIERES ANNEES

PUBLICATIONS

Lukaszewski MA, Butruille L, Moitrot E, **Montel V**, Dickes-Coopman A, Lesage J, Laborie C, Vieau D, Breton C. *The hypothalamic POMC mRNA expression is upregulated in prenatally undernourished male rat offspring under high-fat diet*. Peptides. 2013 May;43:146-54.

Cisse O, Fajardy I, Dickes-Coopman A, Moitrot E, **Montel V**, Deloof S, Rousseaux J, Vieau D, Laborie C. *Mild gestational hyperglycemia in rat induces fetal overgrowth and modulates placental growth factors and nutrient transporters expression*. PLoS One. 2013 May 14;8(5):e64251.

Cieniewski-Bernard C, Lambert M, Dupont E, **Montel V**, Stevens L, Bastide B. *O-GlcNAcylation, contractile protein modifications and calcium affinity in skeletal muscle*. Front Physiol. 2014 Oct 30;5:421.

Stevens L, Bastide B, Hedou J, Cieniewski-Bernard C, **Montel V**, Cochon L, Dupont E, Mounier Y. *Potential regulation of human muscle plasticity by MLC2 post-translational modifications during bed rest and countermeasures*. Arch Biochem Biophys. 2013 Dec;540(1-2):125-32.

Wattez JS, Delahaye F, Barella LF, Dickes-Coopman A, **Montel V**, Breton C, Mathias P, Foligné B, Lesage J, Vieau D. *Short- and long-term effects of maternal perinatal undernutrition are lowered by cross-fostering during lactation in the male rat*. J Dev Orig Health Dis. 2014

Gamelin FX, Aucouturier J, Iannotti FA, Piscitelli F, Mazzarella E, Aveta T, Leriche M, Dupont E, Cieniewski-Bernard C, **Montel V**, Bastide B, Di Marzo V, Heyman E. *Effects of chronic exercise on the endocannabinoid system in Wistar rats with high-fat diet-induced obesity*. J Physiol Biochem. 2016 Jun;72(2):183-99.

Klein P, Oloko M, Roth F, **Montel V**, Malerba A, Jarmin S, Gidaro T, Popplewell L, Perie S, Lacau St Guily J, de la Grange P, Antoniou MN, Dickson G, Butler-Browne G, Bastide B, Mouly V, Trollet C. *Nuclear poly(A)-binding protein aggregates misplace a pre-mRNA outside of SC35 speckle causing its abnormal splicing*. Nucleic Acids Res. 2016 Dec 15;44(22):10929-10945.

Lancel S, Hesselink MK, Woldt E, Rouillé Y, Dorchie E, Delhaye S, Duhem C, Thorel Q, Mayeuf-Louchart A, Pourcet B, **Montel V**, Schaart G, Beton N, Picquet F, Briand O, Salles JP, Duez H, Schrauwen P, Bastide B, Bailleul B, Staels B, Sebt Y. *Endospalin-2 enhances skeletal muscle energy metabolism and running endurance capacity*. JCI Insight. 2018 May 3;3(9).

Coq JO, Delcour M, Ogawa Y, Peyronnet J, Castets F, Turle-Lorenzo N, **Montel V**, Bodineau L, Cardot P, Brocard C, Liabeuf S, Bastide B, Canu MH, Tsuji M, Cayetanot F. *Mild Intrauterine Hypoperfusion Leads to Lumbar and Cortical Hyperexcitability, Spasticity, and Muscle Dysfunctions in Rats: Implications for Prematurity*. Front Neurol. 2018 Jun 15;9:423.

Cissé O, Fajardy I, Delahaye F, Dickes A, **Montel V**, Moitrot E, Breton C, Vieau D, Laborie C. *Effect of diet in females (F1) from prenatally undernourished mothers on metabolism and liver function in the F2 progeny is sex-specific*. Eur J Nutr. 2018 Aug 30.

COMMUNICATIONS SCIENTIFIQUES

Stevens, E. Dupont, L. Cochon, **V. Montel**, M. Jamon, B. Bastide, F. Picquet. (2013) *Effects of hypo/hypergravity variations on mice soleus plasticity*. 42nd European Muscle Conference, Amsterdam, 21-25 septembre. J. Muscle Res. Cell Motility

Yasmine Sebti, Steve Lancel, Matthijs K.C. Hesselink, Estelle Woldt E, Emilie Dorchies, Stephane Delhaye, Christian Duhem , **Valérie Montel**, Nicolas Beton, Gert Schaart, Florence Picquet, Olivier Briand, Jean-Pierre Salles, Rémi Neviere, Yves Rouillé, Hélène Duez, Patrick Schrauwen, Bruno Bastide, Bart Staels, Bernard Bailleul. (2015) *LEPROTL1 regulates skeletal muscle plasticity and ROS production through an ERK1/2-mediated protective stress response*. Séminaire de l'UREPSSS, Exercice et métabolisme, 16-17 juin 2015, Lille.

Klein P, Oloko M, **Montel V**, Malerba A, Jarmin S, Gidaro T, Perie S, Lacau St Guily J, de la Grange P, Antoniou M, Dickson G, Butler-Browne G, Bastide B, Mouly V, Trollet C. (2016) *Pre mRNA trapping in PABPN1 nuclear aggregate induces splicing defect in OPMD*. Myology 2016, 14-18 Mars, Lyon.

Stevens L, Cochon L, Pourrier M, **Montel V**, Bastide B. *Early modifications of regulatory proteins and glycolytic profile in human skeletal muscle after short-term 3-day dry immersion*. ISGP 2017, Svenigorod (Russie)

Montel V, Dereumetz J, Bastide B, Stevens L. *Development of a chronic recording method of EMG activity by telemetry in mice skeletal hindlimb muscles during long-term space experiment*. ISGP juin 2017, Svenigorod (Russie)

Pourrier M, Cochon L, **Montel V**, Bastide B. *Phosphorylation/glycosylation states of MLC2 regulatory protein in skeletal muscle in disuse conditions*. 4th European Muscle Conference, 30 aout-3 sept 2018, Budapest, Hongrie.

RESPONSABILITES

- Membre du Comité d’Ethique pour l’Expérimentation Animale n°75 (Nord-Pas de Calais) depuis 2009
- Membre élue du Conseil de la Faculté des Sciences et Technologies, de la commission Recherche et de la commission Biatss de la Faculté des Sciences et Technologies, depuis 2017

PARCOURS

DUT Génie Biologique