

Production Scientifique

- 1 E. Di Franco, P. Pierson, L. Di Iorio, A. Calò, J.M. Cottalorda, B. Derijard et al.. Effects of marine noise pollution on Mediterranean fishes and invertebrates: A review. **Marine Pollution Bulletin**, Elsevier, 2020, 159, pp.111450. DOI: 10.1016/j.marpolbul.2020.111450 ; hal-02943059.
- 2 L. Turchi, B. Derijard. Options for the biological and physical control of *Vespa velutina nigrithorax* (Hym.: Vespidae) in Europe: A review. **J of Applied Entomology** 2018, 142 (6), 553-562.
- 3 Chakrabandhu, K.; Huault, S.; Durivault, J.; Lang, K.; Ta Ngoc, L.; Bole, A.; Doma, E.; Dérijard, B.; Gérard, J. P.; Pierres, M.; Hueber, A. O., An Evolution-Guided Analysis Reveals a Multi-Signaling Regulation of Fas by Tyrosine Phosphorylation and its Implication in Human Cancers. **PLoS Biol** 2016, 14 (3), e1002401..
- 4 Zhu, L.; Derijard, B.; Chakrabandhu, K.; Wang, B. S.; Chen, H. Z.; Hueber, A. O., Synergism of PI3K/Akt inhibition and Fas activation on colon cancer cell death. **Cancer Lett** 2014, 354 (2), 355-64.
- 5 Clavel S., Siffroi-Fernandez S., Coldefy A. S., Boulukos K., Pisani D. and Dérijard B. (2010). Regulation of the intracellular localization of Foxo3a by SAPK signaling pathways in skeletal muscle cell. **Mol Cell Biol.**, 30, 470-480.
- 6 Chaveroux C., Jousse C., Cherasse Y. , Maurin A.C., Parry L., Carraro V., Derijard B. , Bruhat A. and Fafournoux P. (2009). Identification of a novel amino acid response pathway 1 triggering ATF2 phosphorylation in mammals. **Mol Cell Biol.**, 29, 6515-26.
- 7 Martial S, Giorgelli JL, Renaudo A, Derijard B, Soriani (2008). O. SP600125 inhibits Kv channels through a JNK-independent pathway in cancer cells. **B.B.R.C** 366(4):944-50.
- 8 Pisani DF, Coldefy AS, Elabd C, Cabane C, Salles J, Le Cunff M, Derijard B, Amri EZ, Dani C, Leger JJ, Dechesne CA. (2007). Involvement of BTBD1 in mesenchymal differentiation. **Exp Cell Res.** 313, p2417-26.
- 9 Malamut G, Cabane C, Dubuquoy L, Malapel M, Derijard B, Gay J, Tamboli C, Colombel JF, Desreumaux P. (2006). No Evidence for an Involvement of the P38 and JNK Mitogen-Activated Protein in Inflammatory Bowel Diseases. **Digestive Diseases and Sciences.** 51, 1443-53.
- 10 Clavel S., Coldefy A-S., Kurkdjian E., Salles J., Margaritis I. and Dérijard B. (2006). Atrophy-related ubiquitin ligases, MaFBX AND MuRF1 are up-regulated in aged rat tibialis muscle. **Mechanisms of Ageing and Development.** 127, 794-801.
- 11 Pastor-Anglada M., Dérijard B., and Casado F. J. (2005). Mechanisms Implicated in the Response of System A to Hypertonic Stress and Amino Acid Deprivation Still Can Be Different. **J Gen Physiol.**, 125, 41-42.
- 12 Cabane C., Coldefy A-S., Yeow K., and Dérijard B. (2004). The p38 pathway regulates Akt both at the protein and transcriptional activation levels during myogenesis. **Cell Signalling.** 16, 1405-1415.
- 13 Pisani D., Cabane C., Derijard B., and Dechesne C. (2004). The topoisomerase 1-interacting protein BTBD1 is essential for muscle cell differentiation. **Cell Death Differ.** 11, 1157-1165.
- 14 Lopez-Fontanals M., Rodriguez-Mulero S., Casado F.J., Dérijard B. and Marçal Pastor-Anglada M. (2003). The osmoregulatory and the amino acid-regulated responses of system A are mediated by different signal transduction pathways. **J Gen Physiol.**, 122, 5-16.

- 15 Cabane C., Englaro W., Yeow K., Ragno M. and Dérijard B. (2003) Regulation of C2C12 myogenic terminal differentiation by the MKK3/p38 α pathway. **Am J Physiol Cell Physiol.** 284, 658-666.
- 16 Yeow K., Cabane C., Turchi L., Ponzio G., and Dérijard B. (2002) Increased MAPK signaling during in vitro muscle wounding and repair. **Biochem Biophys Res Commun.** , 293, 112-119.
- 17 Yeow K., Phillips P., Dani C., Cabane C., Amri EZ., and Dérijard B. (2001). Inhibition of myogenesis enables adipogenic trans-differentiation in the C2C12 myogenic cell line. **FEBS Letter**, 506, 157-162.
- 18 Yeow K., Cabane C. and Dérijard B.. Role of the stress-activated protein kinases in UV-induced signalling pathways. A paraître dans UV-induced melanogenesis. Ed. Pr. J-P. Ortonne chez Martin Dunitz LTD.
- 19 Desreumaux, P., Dubuquoy, L., Nutten, S., Peuchmaur, M., Englaro, W., Schoonjans, K., Derijard, B., Desvergne, B., Wahli, W., Chambon, P., Leibowitz, M. D., Colombel, J. F., and Auwerx, J.. Attenuation of Colon Inflammation through Activators of the Retinoid X Receptor (RXR)/Peroxisome Proliferator-activated Receptor gamma (PPARgamma) Heterodimer. A basis for new therapeutic strategies. (2001) **J Exp Med** ,193, 827-38.
- 20 Englaro W., Bahadoran P., Bertolotto C., Buscà R., Livolsi A., Peyron J-F., Dérijard B., Ortonne J.P. and Ballotti R (1999). Tumor necrosis factor alpha-mediated inhibition of melanogenesis is dependent on nuclear factor kappa B activation in B16 melanoma cells. **Oncogene** 18, 1553-1559.
- 21 Rincon M, Whitmarsh A, Yang DD, Weiss L, Derijard B., Jayaraj P, Davis RJ, Flavell RA. (1998). The JNK pathway regulates the In vivo deletion of immature CD4(+)CD8(+) thymocytes. **J Exp Med** 16, 188, 1817-30
- 22 De Bock, F., Dérijard, B., Dornand, J., Bockaert, J. and Rondoin, G. (1998). The neuronal death induced by endotoxic shock but not that induced by excitatory amino acids requires TNF-alpha. **Eur J Neurosci.** 10, 3107-3114.
- 23 Englaro, W., Dérijard, B., Ortonne, J.P. and Ballotti, R. (1997). Solar ultraviolet light activates extracellular signal-regulated kinases and ternary complex factor in human keratinocytes. **Oncogene** 16, 661-664.
- 24 Rincon, M., Dérijard, B., Chow, C-W., Davis, R. and Flavell, R. (1997). Reprogramming of signal requirement for AP-1 activation during differentiation of precursor CD4+ T-cells into effector Th1 and Th2 cells. **Gene and Function**, 1, 51-68.
- 25 Bremaud, L., Laalami, S., Derijard, B., Cenatiempo, Y. (1997). Translation initiation factor IF2 of the myxobacterium *Stigmatella aurantiaca*: presence of a single species with an unusual N-terminal sequence. **J Bacteriol.**, 179, 2348-55.
- 26 Gupta, S., Barrett, T., Whitmarsh, A. Cavanagh J., Dérijard, B., and Davis, R. J. (1996). Selective interaction of JNK protein kinase isoforms with transcription factors. **EMBO** 15, 2760-2770.
- 27 Raingeaud, J., Whitmarsh, A. J., Barrett, T., Dérijard, B., and Davis, R. J. (1996). MKK3- and MKK6-regulated gene expression is mediated by the p38 mitogen-activated protein kinase signal transduction pathway. **Molecular and Cellular Biology**, 16, 1247-1255.
- 28 Dérijard, B., Raingeaud, J., Barrett, T., Wu, I., Han, J., Ulevitch R. J. and Davis, R. (1995). Independent human MAP kinase signal transduction pathways defined by MEK and MKK isoforms. **Science**, 267, 682-685.

- 29 Dérijard, B., Bagrodia, S., Davis, R., Cerrionne, R., (1995). Cdc42 and PAK-mediated signaling cascade leading to JNK and p38 MAP Kinase activation. **J. Biol. Chem.**, 270, 27995-27998.
- 30 Gupta, S., Campbell, D., Dérijard, B. & Davis, R. (1995). Transcription factor ATF2 is regulated by the c-Jun NH₂-terminal kinase (JNK) signal transduction pathway. **Science**, 265, 389-393.
- 31 Dérijard, B., Hibi, M., Wu, I., Barrett, T., Su, B., Deng, T., Karin, M. and Davis, R. (1994). JNK1: a protein kinase stimulated by UV light and Ha-Ras that binds and phosphorylates the c-Jun activation domain. **Cell**, 76, 1025-1037.
- 32 Dérijard, B., Galcheva-Gargova Z., Wu, I., and Davis, R. (1994). An osmosensing signal transduction pathway in mammalian cells. **Science**, 265, 806-808.
- 33 Minden, A., Lin, A., Smeal, T., Dérijard, B., Cobb, M., Davis, R. and Karin, M. (1994). c-Jun N-terminal phosphorylation correlates with activation of the JNK subgroup but not the ERK subgroup of mitogen-activated protein kinases. **Molecular and Cellular Biology**, 14, 6683-6688.
- 34 Minden, A., Lin, A., McMahon, M., Lange-Carter, C., Dérijard, B., Davis, R., Johnson, G. L. and Karin, M. (1994). Differential activation of ERK and JNK mitogen-activated protein kinases by Raf-1 and MEKK. **Science** 266, 1719-1723.
- 35 Sluss, H. K., Barrett, T., Dérijard, B., and Davis, R. (1994). Signal transduction by tumor necrosis factor mediated by JNK protein kinases. **Molecular and Cellular Biology**, Vol. 14, No. 12, p. 8376-8384.
- 36 Kallunki, T., Su, B., Tsigelny, I., Sluss, H., Dérijard, B., Moore, G., Davis, R. and Karin, M. (1994). JNK2 contains a specific-determining region responsible for efficient c-jun binding and phosphorylation. **Genes and Development** 8,2996-3007.
- 37 Vachon G., Raingeaud, J., Dérijard, B., Julien, R. and Cenatiempo, Y. (1993). Domain of *E. coli* translational initiation factor IF2 homologous to lambda cl repressor and displaying DNA-binding activity. **FEBS** 231, 241-246.
- 38 Bremaud L., Dérijard, B. and Y. Cenatiempo. (1993). Selective amplification of DNA fragments encoding the G-domain of IF2 and EF-Tu, two G proteins from the myxobacterium *Stigmatella aurantiaca*. **PCR meth. and Appl.** 3, 195-199.
- 39 Hechard, Y., Dérijard, B., Letellier, F., & Cenatiempo, Y. (1992a). Characterization and purification of mesentericin Y105, an anti-*Listeria* bacteriocin from *Leuconostoc mesenteroides*. **Journal of General Microbiology**, 138, 2725-31.
- 40 Dérijard, B., Ben Aissa, M., Lubochinsky, B. & Cenatiempo, Y. (1989). Evidence for a membrane-associated GTP-binding protein in *Stigmatella aurantiaca*, a prokaryotic cell. **Biochem. Biophys. Res. Commun.** 158562-568.