Liste de publications de Véronique Kruys

Liste établie en fonction du Guide du proposant FNRS Année 2023

2. Chapitres d'ouvrages ou participation à un ouvrage collectif, en tant qu'auteur ou co-auteur de la partie

1. Pierandrei-Amaldi, P., Cardinali, B., Prats, A. C., Prats, H., Osborne, B., Paillard, L., Huez, G., **Kruys, V.**, & Toulmé, J. J. (1999). Cell Engineering. In P. Pierandrei-Amaldi, B. Cardinali, A. C. Prats, H. Prats, B. Osborne, L. Paillard, G. Huez, **V. Kruys**, & J. J. Toulmé (Eds.), *Understanding the translation regulatory mechanisms to improve the efficiency and the specificity of protein production by the cell factory*. Kluwer Academic Publishers.

2. Beutler, B., Han, J., **Kruys, V.**, & Giroir, B. (1992). Tumor Necrosis Factor: The molecules and Their Emerging Role in Medicine. In B. Beutler, J. Han, **V. Kruys**, & B. Giroir (Eds.), *Coordinate regulation of TNF biosynthesis at the levels of transcription and translation: Patterns of TNF expression in vivo., Tumor Necrosis Factors*. USA: Bruce Beutler.

3. Articles publiés dans des journaux à comité de lecture

1. Roovers, M. L., Labar, G., Wolff, P., Feller, A., Van Elder, D., Soin, R., Gueydan, C., **Kruys, V.**, & Droogmans, L. (2022). The Bacillus subtilis open reading frame ysgA encodes the SPOUT methyltransferase RlmP forming 2'-O-methylguanosine at position 2553 in the A-loop of 23S rRNA. *RNA*, 28(9), 1185-1196. doi:10.1261/rna.079131.122
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2. Saxena, S., Rodts, C., Nuyens, V., Seidel, L., Albert, A., Boogaerts, J., **Kruys, V.**, Maze, M., & Vamecq, J. (2022). Early postoperative risk prediction of neurocognitive decline. *British Journal of Anaesthesia*. doi:10.1016/j.bja.2021.12.044
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3. Saxena, S., **Kruys, V.**, Jongh, R. D., Vamecq, J., & Maze, M. (2021). High#mobility group box#1 and its potential role in perioperative neurocognitive disorders. *Cells*, 10(10), 2582. doi:10.3390/cells10102582
https://dipot.ulb.ac.be/dspace/bitstream/2013/333718/1/doi_317362.pdf

4. Saxena, S., **Kruys, V.**, Vamecq, J., & Maze, M. (2021). The Role of Microglia in Perioperative Neuroinflammation and Neurocognitive Disorders. *Frontiers in aging neuroscience*, 13. doi:10.3389/fnagi.2021.671499
https://dipot.ulb.ac.be/dspace/bitstream/2013/324310/3/fnagi-13-671499.pdf

5. Assabban, A., Dubois-Vedrenne, I., Van Maele, L., Salcedo, R., Snyder, B. L., Zhou, L., Azouz, A., De Toeuf, B., Lapouge, G., La, C., Melchior, M., Nguyen, M., Thomas, S., Wu, S. F., Hu, W., **Kruys, V.**, Blanpain, C., Trinchieri, G., Gueydan, C., Blackshear, P. J., & Goriely, S. (2021). Tristetraprolin expression by keratinocytes protects against skin carcinogenesis. *JCI insight*, 6(5). doi:10.1172/jci.insight.140669

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6. Saxena, S., Rodts, C., Nuyens, V., Lazaron, J., Sosnowski, V., Verdonk, F., Seidel, L., Albert, A., Boogaerts, J., **Kruys, V.**, Maze, M., & Vamecq, J. (2020). Preoperative sedentary behavior is neither a risk factor for perioperative neurocognitive disorders nor associated with an increase in peripheral inflammation, a prospective observational cohort study. *BMC anesthesiology*, 20(1), 284. doi:10.1186/s12871-020-01200-w
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7. La, C., De Toeuf, B., Bindels, L. B., Van Maele, L., Assabban, A., Melchior, M., Smout, J., Köhler, A., Nguyen, M., Thomas, S., Delacourt, N., Soin, R., Hu, W., Blackshear, P. J., **Kruys, V.**, Gueydan, C., Oldenhove, G., & Goriely, S. (2020). The RNA-binding protein tristetraprolin regulates RALDH2 expression by intestinal dendritic cells and controls local Treg homeostasis. *Mucosal Immunology*. doi:10.1038/s41385-020-0302-x
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8. Papegay, B., Nuyens, V., Albert, A., Cherkaoui-Malki, M., Andreoletti, P. A., Leo, O., **Kruys, V.**, Boogaerts, J., & Vamecq, J. (2020). Adenosine Diphosphate and the P2Y13 Receptor Are Involved in the Autophagic Protection of Ex Vivo Perfused Livers From Fasted Rats: Potential Benefit for Liver Graft Preservation. *Liver transplantation*. doi:10.1002/lt.25970
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10. Papegay, B., Nuyens, V., **Kruys, V.**, Boogaerts, J. G., & Vamecq, J. (2019). L#Lactate–Based Improvement of Energetic Charge and Protection of Rat Liver. *Liver transplantation*, 25(10), 1571-1575. doi:10.1002/lt.25618
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11. Papegay, B., Nuyens, V., Albert, A., Cherkaoui-Malki, M., Leo, O., **Kruys, V.**, Boogaerts, J. G., & Vamecq, J. (2019). Protection in a model of liver injury is parallel to energy mobilization capacity under distinct nutritional status. *Nutrition*, 67-68, 110517. doi:10.1016/j.nut.2019.05.009
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12. Campenhout, C. V., Cabochette, P., Veillard, A.-C., Laczik, M., Zelisko-Schmidt, A., Sabatel, C., Dhainaut, M., Vanhollebeke, B., Gueydan, C., & **Kruys, V.** (2019). Guidelines for optimized gene knockout using CRISPR/Cas9. *BioTechniques*, 66(6), 295-302. doi:10.2144/btn-2018-0187
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13. de Toeuf, B., Soin, R., Nazih, A., Dragojevic, M., Jurenas, D., Delacourt, N., Vo Ngoc, L., Garcia-Pino, A., **Kruys, V.**, & Gueydan, C. (2018). ARE-mediated decay controls gene expression and cellular metabolism upon oxygen variations. *Scientific reports*, 8(1), 5211. doi:10.1038/s41598-018-23551-8
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