

PEER REVIEWED PUBLICATIONS

1. **J. Ostojić**, T. Sonntag, N. Nguyen, J. M. Vaughan, M. Shokhirev, M. Montminy. Transcriptional co-activator regulates melanocyte differentiation and oncogenesis by integrating cAMP and MAPK/ERK pathways. (2021) *Cell Reports* 35(7), 2211-124
2. A. Laleve, C. Panozzo, I. Kühn, A. Bourand-Plantefol, **J. Ostojić**, A. Sissoko, D. Tribouillard-Tanvier, D. Cornu, A. Burg, B. Meunier, M. Blondel, J. Clain, N. Bonnefoy, R. Duval, G. Dujardin. Artemisinin and its derivatives target mitochondrial c-type cytochromes in yeast and human cells. (2020) *Biochim Biophys Acta Mol Cell Res.* 1867(5), 118661
3. T. Sonntag, **J. Ostojić**, J. M. Vaughan, J. J. Moresco, Y. Yoon, J. R. Yates III, M. Montminy. Mitogenic signals stimulate the CREB coactivator CRTC3 through PP2A recruitment. (2019) *iScience.* 11, 134-145
4. C. Panozzo, A. Laleve, D. Tribouillard-Tanvier, **J. Ostojić**, C.H. Sellem, G. Friocourt, A. Bourand-Plantefol, A. Burg, A. Delahodde, M. Blondel, G. Dujardin. Chemicals or mutations that target mitochondrial translation can rescue the respiratory deficiency of yeast *bcs1* mutants. (2017) *Biochim Biophys Acta* 1864(12), 2297-2307
5. **J. Ostojić**, C. Panozzo, A. Bourand-Plantefol, C.J. Herbert, G. Dujardin, N. Bonnefoy. Ribosome recycling defects modify the balance between the synthesis and assembly of specific subunits of the oxidative phosphorylation complexes in yeast mitochondria. (2016) *Nucleic Acids Res.* 44(12), 5785-97
6. **J. Ostojić**, C. Panozzo, JP. Lasserre, C. Nouet, F. Courtin, C. Blancard, JP. di Rago, G. Dujardin. The energetic state of mitochondria modulates complex III biogenesis through the ATP-dependent activity of Bcs1. (2013) *Cell Metab.* 18, 567-577
7. **J. Ostojić**, A. Glatigny, C. J. Herbert, G. Dujardin, N. Bonnefoy. Does the study of genetic interactions help predict the function of mitochondrial proteins in *S. cerevisiae*? (2014) *Biochimie* 100, 27-37
8. **J. Ostojić**, JP. di Rago, G. Dujardin. A novel mechanism involved in the coupling of mitochondrial biogenesis to oxidative phosphorylation. (2014) *Microbial Cell* 1, 43-44