

# Publications

## Articles scientifiques

- **2024** - **Sanchez C**, Colson C, Gautier N, Noser P, Salvi J, Villet M, Fleuriot L, Peltier C, Schlich P, Brau F, Sharif A, Altintas A, Amri E-Z, Nahon J-L, Blondeau N, Benani A, Barrès R, Rovère C. Dietary fatty acid composition drives neuroinflammation and impaired behavior in obesity.  
*Brain, Behavior and Immunity*, 2024, [doi: 10.1016/j.bbi.2024.01.216](https://doi.org/10.1016/j.bbi.2024.01.216). IF 2023 : 19,227
- **2023** - Delhay S, Jarjat M, Boulsibat A, **Sanchez C**, Tempio A, Turtoi A, Giorgi M, Lacas-Gervais S, Baj G, Rovère C, Trezza V, Pellegrini M, Maurin T, Lalli E, Bardoni B. Defects in AMPAR trafficking and microglia activation underlie socio-cognitive deficits associated to decreased expression of phosphodiesterase 2a.  
*Neurobiology of Disease*, 2023, [doi: 10.1016/j.nbd.2023.106393](https://doi.org/10.1016/j.nbd.2023.106393). IF 2023 : 7,046
- **2023** - Cansell C, Goepp V, Bain F, Todd N, Monnoye M, Zane F, **Sanchez C**, Pietrancosta N, Rovere C, Denis RG, Luquet S, Rera M. Two phases model of ageing in mice: towards a better identification of age-related and late-life metabolic decline [Registered Reprot Stage 1 Protocol].  
*BMC Biology*, 2023, [doi : 10.6084/m9.figshare.23963208](https://doi.org/10.6084/m9.figshare.23963208). IF 2022 : 7,364
- **2023** - Negm A, Stobbe K, Ben Fradj S, **Sanchez C**, Fleuriot L, Debayle D, Deval E, Lingueglia E, Rovere C, Noël J. Acid-Sensing Ion Channel 3 mediates heat pain hypersensitivity associated with diet induced obesity in mice.  
*Pain*, 2023, [doi: 10.1097/j.pain.0000000000003030](https://doi.org/10.1097/j.pain.0000000000003030). IF 2022 : 7,926
- **2022** - Ben Fradj S, Nédélec E, Salvi S, Fouesnard M, Huillet M, Pallot G, Cansell C, **Sanchez C**, Philippe C, Gigot V, Lemoine A, Trompier D, Henry T, Petrilli V, Py BF, Guillou H, Loiseau N, Ellero-Simatos S, Nahon JL, Rovère C, Grober J, Boudry G, Douard V, Benani A. Evidence for Constitutive Microbiota- Dependent Short-Term Control of Food Intake in Mice: Is There a Link with Inflammation, Oxidative Stress, Endotoxemia, and GLP-1?  
*Antioxid. Redox Signal*, 2022, [doi: 10.1089/ars.2021.0095](https://doi.org/10.1089/ars.2021.0095). IF 2021 : 7,468
- **2021** - Cansell C, Stobbe K, **Sanchez C**, Le Thuc O, Mosser CA, Ben Fradj S, Leredde J, Lebeaupin C, Debayle D, Fleuriot L, Brau F, Devaux N, Benani A, Audinat E, Blondeau N, Nahon JL, Rovere C. Dietary fat exacerbates post-prandial hypothalamic inflammation involving GFAP-positive cells and microglia in male mice.  
*Glia*, 2021, [doi: 10.1002/glia.23882](https://doi.org/10.1002/glia.23882). IF 2021 : 7,468

## Articles didactiques

- **2023** - **Sanchez C** and Rovère C. Comparison of two high-fat diets for inducing obesity.  
*SAFE® Diets Newsletter*, Juin 2023, [https://safe-lab.fr/safe-wAssets/docs/newsletter-fr/newsletter-safe-fr\\_230531\\_vrf\\_publish.pdf](https://safe-lab.fr/safe-wAssets/docs/newsletter-fr/newsletter-safe-fr_230531_vrf_publish.pdf)

## Articles de vulgarisation

- **2024** - **Sanchez C** and Rovère C. Un meilleur équilibre oméga-6/oméga-3 dans l'assiette aide à lutter contre l'obésité et ses complications.  
*The Conversation*, Avril 2024, [https://theconversation.com/un-meilleur-equilibre-omega-6-omega-3-dans-lassiette-aide-a-lutter-contre-lobesite-et-ses-complications-226366#comment\\_2975752](https://theconversation.com/un-meilleur-equilibre-omega-6-omega-3-dans-lassiette-aide-a-lutter-contre-lobesite-et-ses-complications-226366#comment_2975752)