

# Séverine Sigoillot, PhD

## PUBLICATIONS

1. Veleanu M\*, Urrieta-Chávez B\*, **Sigoillot SM\***, Paul MA, Usardi A, Iyer K, Delagrangue M, Doyle JP, Heintz N, Bécamel C, Selimi F. (2022) *Proc Natl Acad Sci USA*. 119:e2122544119. \*: equal contribution.
2. González-Calvo I, Iyer K, Carquin M, Khayachi A, Giuliani FA, **Sigoillot SM**, Vincent J, Séveno M, Veleanu M, Tahraoui S, Albert M, Vigy O, Bosso-Lefèvre C, Nadjar Y, Dumoulin A, Triller A, Bessereau JL, Rondi-Reig L, Isope P, Selimi F. (2021) *Elife*. 4;10:e65712.
3. Shihavudin ASM, Basu S, Bragan NM, Rexhepaj E, **Sigoillot SM**, Selimi F, Spassky N, Genovesio A. (2017) *Nat. Commun.* 8, 15554.
4. Usardi A, Iyer K, **Sigoillot SM**, Dusanochet A, Selimi F. (2016) *Dev. Neurobiol.* 77: 75-92.
5. **Sigoillot SM**, Bourgeois F, Karmouch J, Molgó J, Dobbertin A, Chevalier C, Houlgatte R, Léger J, Legay C. (2016) *FASEB J*. 30: 2382-2399.
6. **Sigoillot SM**, Iyer K, Binda F, Gonzalez-Calvo I, Talleur M, Vodjdani G, Isope P, Selimi F. (2015) *Cell Reports*. 10: 820-832.
7. Bourgeois F, Messéant J, Kordeli E, Petit JM, Delers P, Bahi-Buisson N, Bernard V, **Sigoillot SM**, Gitiaux C, Stouffer M, Francis F, Legay C. (2015) *Neuromuscul. Disord.* 25: 461-473.
8. Lanoue V\*, Usardi A\*, **Sigoillot SM\***, Talleur M, Iyer K, Mariani J, Isope P, Vodjdani G, Heintz N, Selimi F. (2013) *Molecular psychiatry*. 18: 943-950. \*: equal contribution.
9. Karmouch J, Dobbertin A, **Sigoillot S**, Legay C. (2012) *Chem. Biol. Interact.* 203: 287-291.
10. Strohlic L, Falk J, Goillot E, **Sigoillot S**, Bourgeois F, Delers P, Rouvière J, Swain A, Castellani V, Schaeffer L, Legay C. (2012) *PloSONE*. 7:e29976.
11. **Sigoillot SM**, Bourgeois F, Lambergeon M, Strohlic L, Legay C. (2010) *J. Neuroscience*. 30: 13-23.
12. **Sigoillot SM**, Bourgeois F, Legay C. (2010) *Chem. Biol. Interact.* 187: 84-89.
13. Sigoillot FD, Kotsis DH, Serre V, **Sigoillot SM**, Evans DR, Guy HI. (2005) *J. Biol. Chem.* 280: 25611-25620.
14. Sigoillot FD, **Sigoillot SM**, Guy HI. (2004) *Int. J. Cancer*. 109: 491-498.
15. Sigoillot FD, Berkowski JA, **Sigoillot SM**, Kotsis DH, Guy HI. (2003) *J Biol. Chem.* 278: 3403-3409.

### Other:

- Book chapter: **Sigoillot SM**, Monk KR, Piao X, Selimi F, Harty BL. (2016) *Adhesion GPCRs as novel actors in neural and glial cell functions: from synaptogenesis to myelination. Handbook of Experimental Pharmacology*. 234:275-298.
- International congress production: Liebscher I, ..., **Sigoillot SM**, ..., Piao X. (2014) *New functions and signaling mechanisms for the class of adhesion G protein-coupled receptors. Ann. N. Y. Acad. Sci.* 1:43-64.

## COMMUNICATIONS

### Oral Presentations:

- **Dissecting the molecular identity of synapses in cerebellar Purkinje cells – May 2018** – Synapses: from Complexity to Diversity, Fondation des Treilles – Tourtour, France.
- **Synapse identity in cerebellar Purkinje cells: role of the C1QL1/BAI3 complex**
  - **February 2016** – Club « NeuroDev » – Paris, France.
  - **February 2016** – Seminar from the Centre Universitaire des Saints-Pères – Paris, France.
- **Wiring of the cerebellar cortex: role of the adhesion-GPCR BAI3 and its ligand, the complement protein C1QL1**
  - **December 2015** – Seminar B2A - Institut de biologie Paris-Seine – Paris, France
  - **April 2015** – Séminaire de l'Institut Interdisciplinaire de Neurosciences – Bordeaux, France
  - **February 2015** – Seminar -Hôpital Universitaire Robert Debré – Paris, France
  - **February 2015** – Seminar from the Centre Universitaire des Saints-Pères – Paris, France.
- **The adhesion-GPCR BAI3 as a coordinator of dendritogenesis and synaptogenesis**
  - **June 2014 (Invited Lecture)** – 7th International Adhesion-GPCR Workshop – Boston, MA, USA
  - **April 2014** – Seminar from the Institut des Neurosciences Cellulaires et Intégratives – Strasbourg, France
  - **May 2013** – « Club Développement des Réseaux Neuronaux » day – Lyon, France
  - **January 2013** – Seminar from the Centre Interdisciplinaire de Recherche en Biologie – Paris, France.
- **The collagen ColQ is a signaling molecule involved in postsynaptic organization at the neuromuscular junction**
  - **January 2008 (Invited Lecture)** – Colloque Myogénèse IX – Paris, France.

### **Posters:**

- **January 2020** – France Cerebellum club 2020 – Strasbourg, France
- **January 2019** – France Cerebellum club 2019 – Paris, France
- **May 2017** – NeuroFrance 2017 – Bordeaux, France
- **January 2017** – Cerebellum day 2017 – Paris, France
- **September 2015** – Axon Guidance, Circuit Development and Regeneration – IST Austria (***Travel Stipend Award***)
- **April 2015** – Wiring the Brain – Cold Spring Harbor Laboratory Meeting, NY, USA
- **July 2014** – 9th FENS Forum of Neuroscience – Milan, Italy
- **May 2013** – 11<sup>e</sup> Colloque Société des Neurosciences – Lyon, France
- **September 2012** – ENP days 2012 – Les Vaux de Cernay, France
- **2007 - 2009:** Neuroscience 2009 (Chicago, IL, USA); 10<sup>th</sup> International Meeting on Cholinesterases (Croatia); International Congress of Myology 2008 (Marseille, France); Neuroscience 2007 (San Diego, CA, USA).