



## Café des Sciences : Links between hearing, genetics and the retina

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Voir en ligne : <https://www.france-science.org/Cafe-des-Sciences-Links-between.html>

- **When** : Friday January 12th, from 7pm to 9pm
- **Where** : Genentech Hall, 600 16th Street, San Francisco, CA 94158
- Keynotes held in French

The last Café des Sciences, organized by the Department of Science and Technology of the Consulate of France in San Francisco, took place on January 12, 2018, from 7 pm to 9 pm, at UCSF's Genentech Hall in Mission Bay. A wine and cheese followed the interventions of the two researchers.

### Speakers

Guy Bouvier and Nicolas Grillet came to present their recent work on multi-sensory integration in the visual cortex and the molecular genetics of the inner ear and its consequences on deafness.



Guy Bouvier is a postdoctoral fellow in Massimo Scanzini's team at UCSF. His research focuses on the relationships between the vestibular system of the ear and the visual system. The disturbances of this coupling, due to old age or contradictory information received by our senses are responsible for loss of balance and motion sickness. The aging of the population and the upcoming arrival of autonomous vehicles and virtual reality equipment will be natural areas of application for this research.



Nicolas Grillet is assistant professor at Stanford University in the ENT department. The core of his work focuses on the influence of genetic terrain on hearing loss. Some proteins are thus responsible, in the context of prolonged exposure to loud noises, of a more severe degradation of hearing acuity. In particular, he participated in a major data collection campaign in Brazil for workers who have to operate in very noisy environments. A solution to collect even more data ? The use of an app on our smartphones.

The event was graciously hosted by UCSF's Genentech Hall.