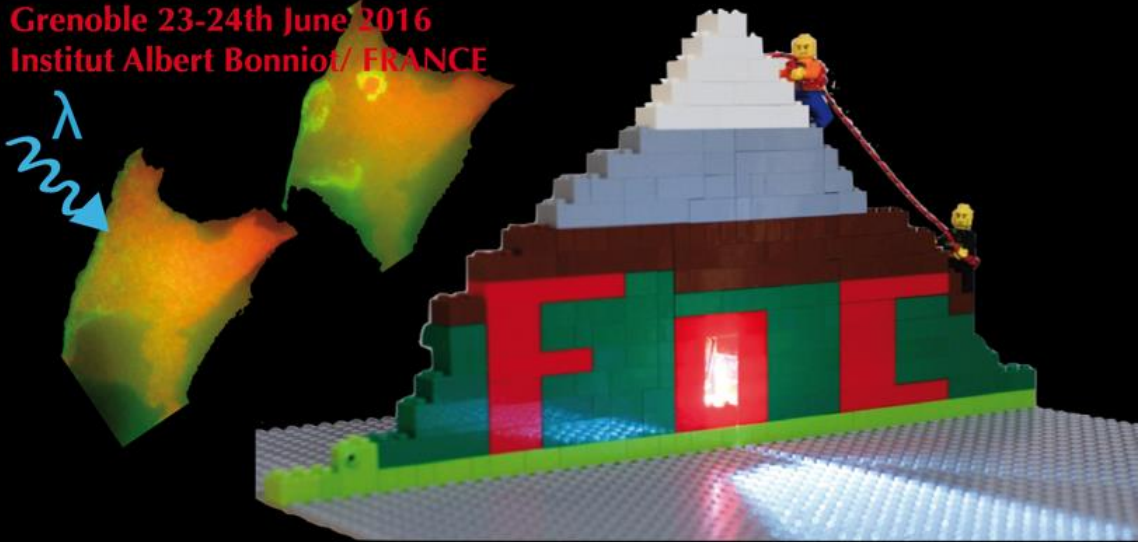


French Optogenetic Club first meeting

Grenoble 23-24th June 2016
Institut Albert Bonniot/ FRANCE



«Have you ever dream to control your favorite protein?»
Let's exchange about it in Grenoble

DAY 1/ Invited speakers

U. Böhm (UPMC Paris)
S. De Beco (Institut Curie Paris)
A. Kerjouan (IAB Grenoble)
K. Hennig (LIPhy Grenoble)
S. Moitrier (Institut Curie Paris)
M. Pinot (IGDR Rennes)
L. Valon (IBEC Barcelone)
X. Wang (Toulouse)

Organizing committee

Isabelle Bonnet
Martial Balland
Mathieu Coppey
Olivier Destaing

DAY 2/ Round tables

RT1/ Useable and developing
biological probes in optogenetics

RT2/Optical setups in
optogenetics

RT3/ Quantification, modelization
of biological activities

Dead line 10th of June 2016

Free registration
Abstract submission>>
<http://goo.gl/1vFZPQ>



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Perhaps have you ever dream to control directly your favorite protein! However, you will find difficult or not worth it to loose the precious time of ITA, Master2 or PhD students. Forget it and let's imagine a specific set-up to control your favorite biological function spatially and temporally through optogenetic.

Many labs have a lot of interest in non-neuronal optogenetic but without being able to contact a structured community. In order to democratize this technology and gather the French labs community, we cordially invite you to the first French optogenetic club where we will discuss altogether the limitations, obstacles and the easy solutions to answer to each key steps occurring in optogenetic.

This meeting will be the occasion to see how optogenetic can be used from *in vitro* to *in vivo* experiments.

In a second step, the meeting will be center on our community problems related to the development and the use of optogenetic. Three round tables will be the occasion to discuss and share problems/solutions in the design of optogenetic probes, light set-up for microscopy and population experiments and analysis of dynamic events.

If you want to know everything about Optogenetic, we would invite you to the 1st french optogenetic club in Grenoble (Institut Albert Bonniot) the 23 and 24th of june 2016 !

The registration for the 1st French optogenetic club in Grenoble is FREE. It is fully open for technicians, ITA, students, post-doc, researcher and curious peoples.

**Organization Comittee
Dr Isabelle BONNET
Dr Mathieu COPPEY
Dr Martial BALLAND
Dr Olivier DESTAING**

Program

<u>Day1 :</u>	<u>Day2 :</u>
11h-14h00 Welcome participants and Lunch	9h-10h00 : First session of round tables
14h-16h Talks	10h-10h30 Coffee break
16h-16h30 Coffee break	10h30 -11h30: Second session of round tables
16h30-18h30 Talks and FlashTalk	11-30-12h30 : Conclusion session
Social events	12h30-13h Closing « ceremony » and lunch

-RT1/ Useable and developing biological probes in optogenetics

This session will give the basic principles to develop, design and evaluate existing and new specific optogenetic probes. This discussion will go from new techniques of cloning facilitating the development of specific probes to the choice of the multiple existing photosensitive elements.

-RT2/ Optical setups for the different approaches in optogenetics

In this session, various illumination set-ups will be presented and compared in order to achieve optogenetic at the single cell-level or at the level of cell population for molecular biology and biochemistry approaches.

-RT3/ Quantification and modelization of biological activities

This session will highlight the spatio-temporal kinetic parameters of the photosensitive elements; propose some dynamic quantification approaches and stress on the importance of modeling of optogenetic experiments.

Location of 1st french optogenetic club in Grenoble the 23 and 24th of june 2016.

INSTITUT ALBERT BONNIOT



**CRI INSERM/UJF U823
Rond-point de la Chantourne
38700 La Tronche**

How to come in the institute?

- **Tramway:**

Tramway , Line B « Gières, Plaine des Sports », station « Grand Sablon ».

- **From Motorway:**

From Chambéry Highway (A 41) : near Grenoble, follow the direction « Hôpital Nord » (Hôpital Michallon).

From Lyon Highway (A48) : take the « Rcade Sud » (Direction of Chambéry). After the exit « Campus Saint Martin d'Hères », follow the direction « Grenoble Centre ».

- **By Train:**

SNCF-Gare Routière de Grenoble : Travellers Informations,
tel : +33 (0)8 36 35 35 35.

- **By Plane:**

Lyon-Saint Exupéry Airport, information : +33 (0)826 800 826. Shuttles between the airport and Grenoble coach station run daily. Information : +33 (0)4 76 87 90 31.

Grenoble-Saint Geoirs Airport , information : +33 (0)4 76 65 48 48. Shuttles between the airport and Grenoble coach station run daily. Information : +33 (0)4 76 87 90 31.

Chambéry-Aix Airport , information : +33 (0)4 79 54 49 66. Take de train between Chambéry and Grenoble.

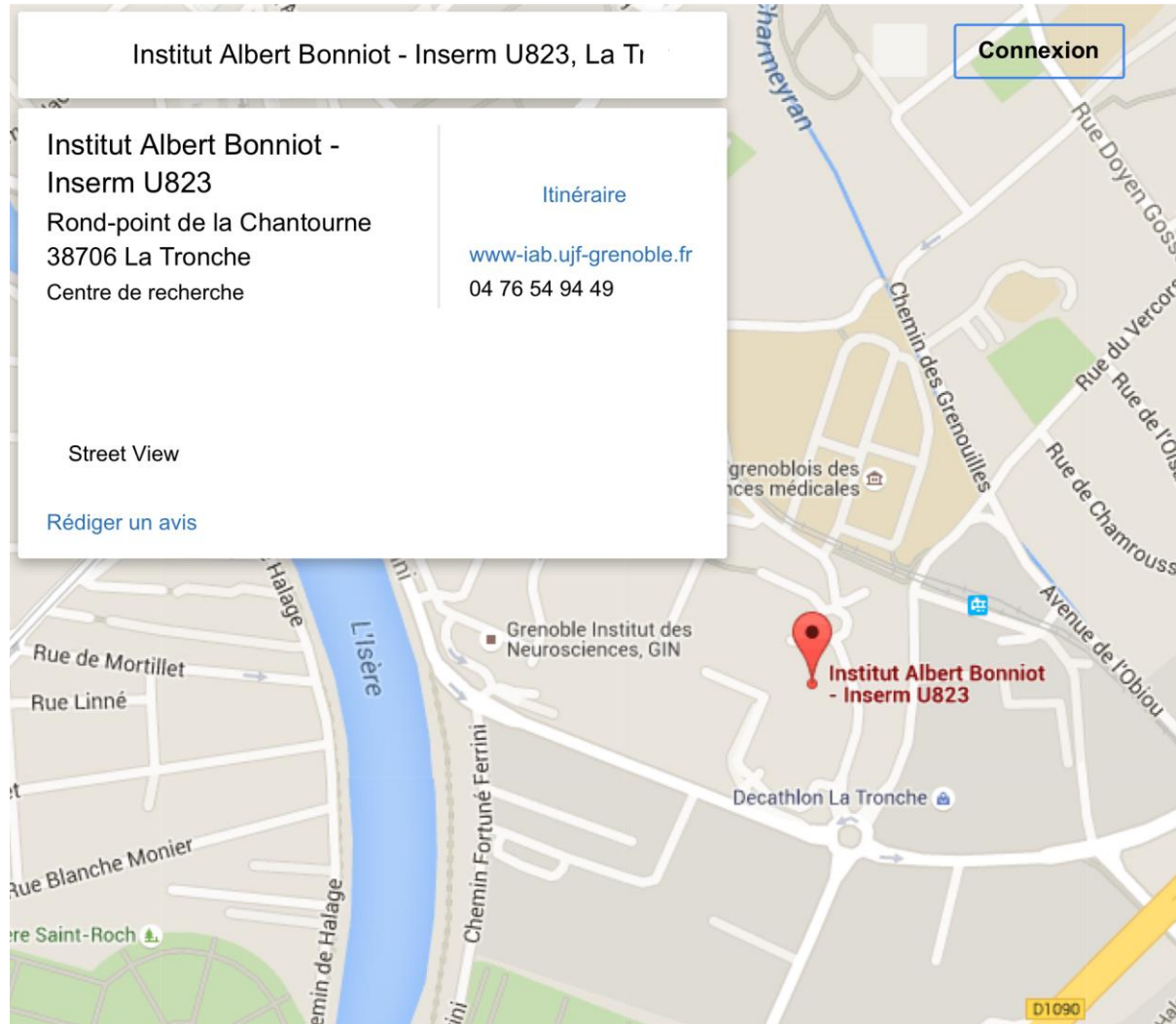
Genève International Airport and train from Genève to Grenoble.

- **Taxi:**

Single phone number, 7 days a week and round the clock : +33 (0)4 76 54 42 54.

Lien web google map

<https://www.google.fr/maps/place/Institut+Albert+Bonniot+-+Inserm+U823,+Rond-point+de+la+Chantourne,+38706+La+Tronche/@45.1983057,5.7480919,17z/data=!4m2!3m1!1s0x478af45121b00129:0x5d70efc965d6af97>



Here is a list of hotels in Grenoble close to the institute by TRAM
(price with « petit déjeuner » included):

For INSERM :

- 1) Citadines, Grenoble *** : 67.20€**
9-11 Rue de Strasbourg Grenoble Rhone - Alps France 38000
- 2) ResidHotel Grenette, Grenoble ***: 75€**
12 rue Palanka Grenoble Rhone - Alps France 38000
- 3) ResidHotel Central Gare, Grenoble *** : 83€**
8 place de la Gare Grenoble Rhone - Alps France 38000
- 4) Hotel Angleterre, Grenoble ***: 89.88€**
5 Place Victor Hugo Grenoble Rhone - Alps France 38000
- 5) Splendid, Grenoble *** : 89.88€**
22 rue de Thiers Grenoble Rhone - Alps France 38000
- 6) Okko Hotel Grenoble Jardin Hoche, Grenoble **** : 97.01€**
23 rue Hoche GRENOBLE Rhone - Alps France 38000

For CNRS :

- 1) Hôtel Gloria** : 69.19€**
12 rue Aristide Berges
38000 Grenoble
- 2) Royal Hôtel *** : 71.50€**
Rue Gabriel Péri
38000 Grenoble
- 3) ResidHotel Grenette*** : 82.17€**
12 Rue de Palanka
38000 Grenoble
- 4) Citadines City Centre Grenoble *** : 84.11€**
9-11 Rue de Strasbourg
38000 Grenoble
- 5) Hôtel de l'Europe ** : 88€**
22 Place Grenette 38000 Grenoble
- 6) Hôtel d'Angleterre *** : 89.64€**
5 Place Victor Hugo 38000 Grenoble