

# Toulouse School of Lipids

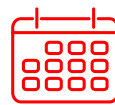
14th and 15th of June 2022



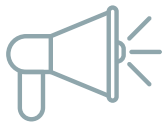
It is a 2-day course on lipid biochemistry in Toulouse (France) proposed for students, engineers and researchers who would like to discover this field. Each family of lipids is described with its biosynthetic pathway, its roles in physio(patho)logy, then a focus is made on the analytical methods.



**Students, Engineers and Researchers interested in lipids**



## Programme



## Invited speakers



**Len Stephens**  
(Babraham Institute  
Cambridge)

“Signalling via PI3 Kinases”



**Julian Griffin**  
(Aberdeen University)

“Lipidomics at the genome scale”

- General presentation of lipids (Hugues Chap)
- Membrane biophysics (Matthieu Chavent, Marie-Pierre Rols)
- Fatty acid metabolism (Hervé Guillou)
- Fatty acid metabolites (Nicolas Cénac)
- TXA2 in thrombosis & Endocannabinoids (Bernard Payrastre, Hugues Chap)
- Phospholipid metabolism (Hugues Chap, Bernard Payrastre, Julien Viaud, Nicolas Vitale)
- Sphingolipid metabolism (Thierry Levade)
- Oxysterols & Steroids (Marc & Sandrine Poirot, Jean-François Arnal)
- Lipoprotein metabolism in physio-pathology (Bertrand Perret, Xavier Collet, Anne Nègre-Salvayre)
- Discovery of new lipids (Nicolas Cénac & Marc Poirot)
- Lipids & Adipose tissue (Dominique Langin, Anaïs Briot)
- Bacterial Lipids (Emilie Layre, Jérôme Nigou)
- Imaging lipids (Justine Ferey)

All these topics will include a short presentation of relevant analytical methods for each lipid class (Justine Bertrand-Michel & Pauline Le Faouder)



## Information and registration

[Click here to register](#)

Contact : faude@insa-toulouse.fr

**Free but mandatory registration**

