

EPITHELIX | TRAINING



In Vitro Lung Models

co-organized by



THURSDAY 15TH - FRIDAY 16TH OF NOVEMBER 2018
hosted by EPITHELIX
Geneva - SWITZERLAND

DAY 1 THURSDAY NOVEMBER 15TH

08:30 - 08:50	Welcome coffee		
08:50 - 09:00	Introduction	Alertox Academy overview	François Busquet Alertox Academy
09:00 - 09:45	Lecture / Webinar	Regulatory Considerations for In Vitro Lung Models	Rex FitzGerald Swiss Center for Applied Human Toxicology
09:45 - 10:15	Lecture / Webinar	3D In Vitro Models of the Human Airway Epithelium for Inhalation Toxicity Testing	Samuel Constant Epithelix
10:15 - 10:45	Lecture / Webinar	3D In Vitro Lung Cancer Models	Christophe Mas OncoTheis
10:45 - 11:00	Coffee Break		
11:00 - 11:30	Lecture / Webinar	Novel Aerosol Exposure Devices for In Vitro Toxicity Testing at the Air/Liquid Interface	Marco Hebestreit Vitrocell
11:30 - 12:00	Lecture / Webinar	Theoretical and Practical Aspects of the Trans - Epithelial Electrical Resistance (TEER)	Luc Stoppini & Adrien Roux Hepia
12:00 - 12:30	Lecture / Webinar	A Simple In Vitro Device for Long Term Perfusion of In Vitro Lung Tissues: Successful Example of Interconnection of 4 Different Human Airway Epithelia	Luc Stoppini & Adrien Roux Hepia
12:30 - 13:30	Lunch		

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13:30 – 16:00	Hands-on Training	Cell Culture of 3D ALI Lung Models Quality Criteria: Inspection of Morphology, TEER Monitoring of Cilia Motion: Cilia Beating Frequency (CBF) and Mucociliary Clearance (MCC) Visualization of Lung tumor	Song Huang & Emilie Ferreira Epithelix Christophe Mas OncoTheis
16:00 – 17:00	Hands-on Training	Treatment with Chemicals (Part 1) –Static Exposure with Liquid and Solid (Nanopress)	Song Huang & Emilie Ferreira Epithelix
19:00	Social Dinner		

DAY 2 FRIDAY NOVEMBER 16TH

08:00 – 08:30	Arrival, coffee		
08:30 – 10:30	Hands-on Training	Treatment with Chemicals (Part 2) –In Vitro Testing of Nanomaterials and Pharmaceutical Substances Using the VITROCELL CLOUD System	Marco Hebestreit Vitrocell
10:30 - 10:45	Coffee Break		
10:45 – 12:15	Hands-on Training	Analysis of Treated 3D ALI Lung models: LDH Release, Resazurin Reduction Assay, TEER a CBF Analysis	Song Huang & Emilie Ferreira Epithelix
12:15 - 13:30	Lunch		
13:30 – 15:00	Hands-on Training	Interconnection of Human Airway Epithelia and Set-Ups for Online TEER Analysis	Luc Stoppini & Adrien Roux Hepia
15:30 – 16:30	Hands-on Training	Read-out, Analysis of Results, Interpretation of Data, Discussion	Song Huang & Samuel Constant Epithelix Christophe Mas OncoTheis
16:30 -17:00	Closing of the session	Handing out Certificates	

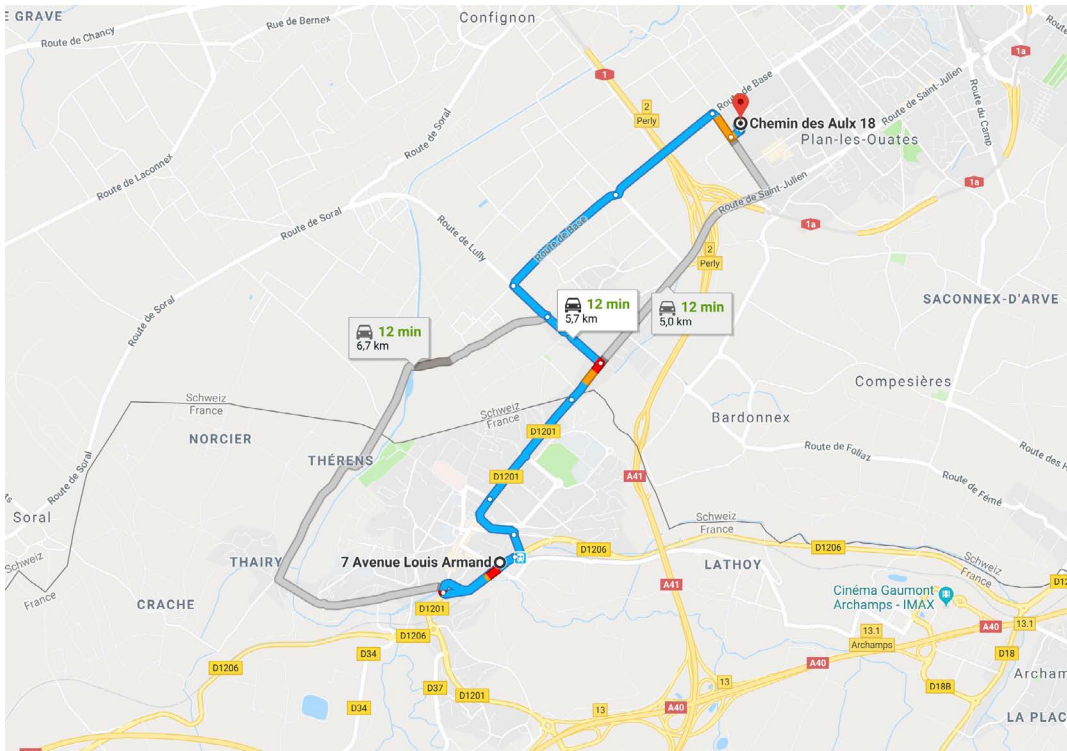
PRACTICAL INFO

DIRECTION TO EPITHELIX:

EPITHELIX Sàrl: 18, Chemin des Aulx, 1228 Plan-Les-Ouates,
Genève, SWITZERLAND
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epithelix@epithelix.com - www.epithelix.com

ACCOMODATIONS:

Le Savoie: 7, Av. Louis Armand, 74160 St. Julien-En-Genevois, France
Les chambres du CTN : Stéphanie SERINO. Chemin des Aulx 16, 1228 Plan-les-Ouates
Tel : + 4122 884 30 00 / Info@leschambresductn.ch / www.leschambresductn.ch



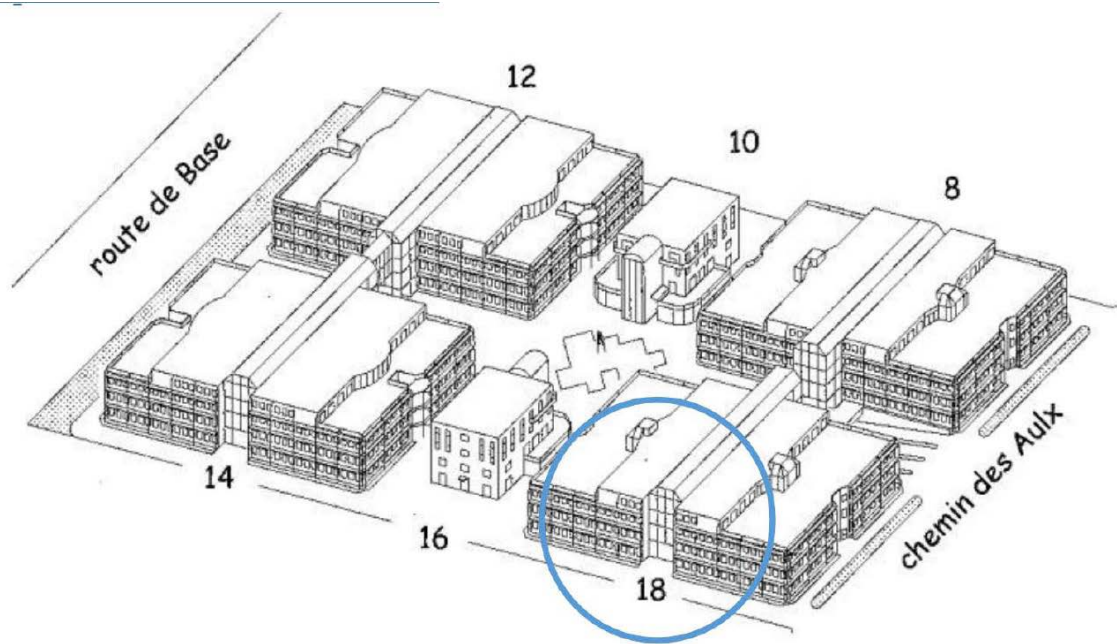
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BUILDINGS' PLAN:



GETTING THERE:

By Bus - This route crosses a country border

120 minutes validity = CHF 4.80

Epithelix –18, Chemin des Aulx –Restricted usage road - 140 m

Walk About 9 min , 650 m

Turn right to stay on Chemin des Aulx - 79 m

Turn left onto Route de la Galaise - 400 m

Slight right-Destination will be on the left - 50 m

Plan-les-Ouates, Galaise – Bus D St-Julien-en-G., SNCF-9 min (9 stops)

Walk-About 2 min - Avenue Louis Armand - 100 m

Drive 4.1 km, 10 min - This route crosses a country border

Taxi Fare: CHF 20

Epithelix –18, Chemin des Aulx - Restricted usage road - 140 m

Follow Chemin des Aulx to Route de la Galaise - 220 m

Turn left at the 1st cross street onto Route de la Galaise - 400 m

Turn right onto Route de Saint-Julien - Entering France

Continue onto Avenue de Genève/D1201 - Go through 2 roundabouts - 1.0 km

At Pl. des Automates, take the 2nd exit onto Avenue de la Gare/D1201 - 150 m

Turn right onto Avenue Louis Armand/D1201 - 140 m - Savoie Hotel