

Ecole Doctorale des Sciences de la Vie et de la Santé
Université de Strasbourg

Winter School course for PhD students

“Pathophysiology of liver disease and cancer”

November, 16 2017

Institut de Science et d'Ingénierie
Supramoléculaires (ISIS)
8 allée Gaspard Monge
Strasbourg

Scope

Hepatocellular carcinoma (HCC) is the fifth-most common cancer with rising incidences and it is the second-most deadly cancer world-wide. In the majority of cases HCC represents a complication of chronic liver disease and develops in livers with prevalent cirrhosis caused by chronic hepatitis, alcohol abuse or non-alcoholic steato-hepatitis (NASH). The high mortality in HCC patients is mainly caused by the currently limited treatment options. A multidisciplinary approach including, functional genomics, bioinformatics, animal and clinical models, is applied to thoroughly understand and to model fundamental processes of liver pathophysiology.

Program

November 16, 9:15-12:30

Prof. Thomas Baumert, Inserm UMR_S1110, Université de Strasbourg
“LabEx HepSYS: introduction and overview.”

Session 1: Pathogenesis of Chronic Liver Disease

Prof. Romeo Ricci, IGBMC, Université de Strasbourg
“Endomembrane signaling in metabolism and inflammation.”

Dr. Emilie Crouchet, Inserm UMR_S1110, Université de Strasbourg
“Target discovery for treatment of chronic liver disease and cancer chemoprevention.”

Prof. Mathias Heikenwälder, German Cancer Research Center (DKFZ), Heidelberg
“The immune system’s role to fight and support liver damage and liver cancer: From mouse models to clinical trials.”

Lunch break

November 16, 14.00-17:00

Session 2: Functional Genomics and Treatment of Liver Cancer

Dr. Jean-Charles Nault, Inserm UMR_S1162, Université Paris Descartes
“Genomics of hepatocellular carcinoma: impact in clinical practice.”

Dr. Frank Jühling, Inserm UMR_S1110, Université de Strasbourg
“Hepatitis C virus-induced epigenetic changes associated with hepatocarcinogenesis persist following viral cure.”

Prof. Patrick Pessaux, Inserm UMR_S1110, Institut Hospitalo-universitaire, Hôpitaux
Universitaires de Strasbourg
“Update on hepatocellular carcinoma: surgical management.”

Discussion/Conclusion

Organizer(s): Laboratoire d'Excellence HepSYS

Prof. Thomas Baumert
Dr. Catherine Schuster
Dr. Joachim Lupberger
Dr. Olga Koutsopoulos

Registration (free)

<http://www-ed-sdvs.u-strasbg.fr/Francais/sgcd/identification>