

Draft Agenda –Young Investigator Workshop on Basic Science and Translational Immunology in PSC

Hamburg, 25&26 May 2023

Primary sclerosing cholangitis (PSC) is a rare disorder characterized by inflammation and fibrosis of the intra- and/or extra-hepatic bile ducts. PSC leads to cirrhosis, liver transplantation or death in most patients. It is associated with a greatly increased risk to develop hepatobiliary malignancy. The pathogenesis of PSC is incompletely understood. Therefore, PSC represents a major unmet clinical need in the field of gastroenterology and hepatology.

We will host a joint workshop for young investigators on basic science and translational immunology in PSC research. The aims of this workshop are to understand the pathogenesis of PSC, foster networking between basic and clinical scientists as well as between ERNs involved in rare autoimmune and liver diseases (RARE-LIVER, Transplant Child and ERN RITA), and to share knowledge and pool resources between ERNs and IPSCSG.

Day 1

Session name/Topic	Speaker	Time
The patient perspective on PSC research	Martine Walmsley	
Adaptive immunity in autoimmune liver diseases	Nicola Gagliani	
Innate immune cells and microbiota in PSC	Espen Melum	
Mechanisms of immune tolerance in the liver	Johannes Herkel	
The periductular immune landscape	Niklas Björkström	
Cholangiocytes as therapeutic targets in PSC	Fotis Sampaziotis	
Project presentations by participants, poster flash talks, discussion rounds		

Day 2.

Session name/Topic	Speaker	Time
The gut liver axis in PSC pathogenesis	Samuel Huber	
Bile acids and inflammation in the liver	Martin Wagner	
What does genetics teach us about PSC?	Tom Karlsen	



Cholangiocyte- immune crosstalk	David Assis	
Project presentations by participants, poster flash talks, discussion rounds		

