HEATHER FRANCIS & ## GIANFRANCO ALPINI

Targeting PSC Pathogenesis Using a Bifunctional Peptide, GP119, in the Mdr2-/- Mouse Model of PSC and Novel Multicellular Human-Derived 3D PSC Organoids

ALYSSA KRIEGERMEIER " Hepatic Unfolded Protein Response (UPR) in Murine Models of PSC

MICHAEL LI & JOSEPH DeRISI Novel Proteome-Wide Autoantibody Discovery in Primary Sclerosing Cholangitis

**RINSE K. WEERSMA** Unraveling the Immune Triggers

of Primary Sclerosing Cholangitis With and Without Concomitant Inflammatory Bowel Disease

MAMATHA BHAT 🖐

Closing the Gap: Machine Learning Evaluation of Liver Transplant Wait-List Prioritization for Patients with Primary Sclerosing Cholangitis

JOSHUA ELIAS 💡 Unbiased Tissue Metabolomic Profiling of PSC-IBD

RICHARD M. GREEN 🎏 Unfolded Protein Response (UP-R)-based therapies in a mouse model of PSC

JOHANNES R. HOV Targeting GPR35 to Treat Cholangiocarcinoma

TOM HEMMING KARLSEN PSC Studies using a Bile-Ducton-a-Chip

**THEMISTOKLIS KOURKOUMPETIS &** JAMES TROTTER

Update on Primary Sclerosing Cholangitis Liver Waitlist and Post-Transplant Outcomes: Presentation of UNOS and Longitudinal Individual Center Data

STEVEN P. O'HARA

Do BET Proteins Influence the Cholangiocyte Response to Injury and Are They Therapeutic Targets for PSC?

**JUNCHENG WEI** 

The Role of E3 Ligase HRD1 in Bile Acid Synthesis and Primary Sclerosing Cholangitis

**ESPEN MELUM** 

Defining the Interactome of Bile Duct Inflammation in PSC

**FANYIN MENG** 

The Beneficial Effects of Endothelial Progeni-tor Cells in Primary Sclerosing Cholangitis

**STEPHANIE ROESSLER & BENJAMIN GOEPPERT** 

Integrative Analysis of Intraduct-al Papillary Neoplasia of the Bile Duct in Patients with Primary Sclerosing Cholangitis

**PASQUALE PICCOLO** Micro-RNA Based Therapy for Primary Sclerosing Cholangitis

XIAOYING LIU

The Role of Activating Transcription Factor 4 in Primary Sclerosing Cholangitis

JOY XIAOSONG JIANG Treating PSC with Idebenone

YOON-YOUNG JANG

Human Disease Model of PSC for Discovery of Effective PSC Therapy

YU DU

2020 AASLD/PSCP Pilot Award Studying Primary Sclerosing Cholangitis by Bioengineered in vitro Vascular Biliary Model

EVAGGELIA LIASKOU 🖐 Exploring the Metabolic Profile of T Cells in Patients with PSC

ALAN C. MULLEN MD, PHD & 👑 **DANIEL S. PRATT** 

Creation of Liver Organoids from Pluripo-tent Stem Cells Derived from Donors with Primary Sclerosing Cholangitis (PSC)

JOEL PEKOW **\*** 

Mucosal Markers to Predict the Onset of Colonic Neoplasia in Inflammatory Bowel Disease Patients with Primary Sclerosing Cholangitis (PSC)

JESÚS M. BAÑALES

Metabolomic-based prediction of prognosis in patients with primary sclerosing cholangitis and early diagnosis of cholangiocarcinoma: new non-invasive strategy

**CYRIEL Y. PONSIOEN** 

Single-cell RNA sequencing of lymphocyte subset's and cholangiocytes in non-endstage PSC patients

**LEWIS R. ROBERTS** 

Genome Wide Association Study (GWAS) in biliary tract cancer (BTC)

**ORITH WAISBOURD-ZINMAN** 

Pathways of injury and repair of the extrahepatic biliary tree in **PSC** 

**GIANFRANCO ALPINI** 

Treatment of primary sclerosing cholangitis using extracellular vesicles

**DAVID ASSIS** 

An investigation of biliary-immune interactions and candidate drug-screening using novel bile-derived organoid technology

**ANNIKA BERGQUIST** 

PSCATOR - Atorvastatin for the treatment of primary sclerosing cholangitis (PSC) – A randomized controlled study

MICHAEL CHOI

Novel use of microRNAs to attenuate PSC induced liver fibrosis

ALIYA GULAMHUSEIN 🖐 💡 Characterization of clinical and

immunologic phenotypes of patients with recurrent PSC after liver transplantation: an international network study **CHANTAL HOUSSET** 

Vitamin D, nuclear receptor-independent actions in PSC: Potential role of protein disulfide isomerase family A member 3 (PDIA3) as a therapeutic target

WEI-YU LU 🐨

Dissecting the role of T regulatory cell populations in primary sclerosing cholangitis (PSC) with a mouse PSC model

**VERONICA MILLER** 

Establishing PSC Endpoints for Clinical Trials (PSC Forum)

MARIO STRAZZABOSCO Upregulation of biliary epithelia innate immune responses in PSC

2017

**RICHARD M. GREEN** 

The role of hepatic XBP1 in cholestatic liver injury

MARK DENEAU

A multicenter collaboration to study PSC in children

DAVID J. KATZMANN

Apical and basolateral exosome signaling in normal and PSC cholangiocytes

**DAVID ELLINGHAUS** 

A gut-liver cross-disease map to identify concrete gene targets for therapeutic intervention by characterizing expressional changes in PSC and UC

KONSTANTINOS N. LAZARIDIS, TOM HEMMING KARLSEN

Dissecting the genomic variants of PSC outcomes

MASSIMO PINZANI

Exploring the psc matrisome: discovery of serum biomarkers for the stratification and classification of patients with primary scle-rosing cholangitis

YURY V. POPOV 🖐

Integrin AVB6 as a therapeutic target for primary sclerosing cholangitis-associated cholangiocarcinoma

MARIA EUGENIA GUICCIARDI Macrophages in the development of sclerosing cholangitis: therapeutic implications

JOHANNES R. HOV

Functional microbial biomarkers in primary sclerosing cholangitis

TOM HEMMING KARLSEN Mutational profiling for therapeutic targets in PSC - associated

biliary tract cancer STEVEN P. O'HARA 🗯

The enterohepatic metabolome in primary sclerosing cholangitis

MARIO STRAZZABOSCO

Upregulation of biliary epithelia innate immune responses in PSC

2015

JESSICA ALLEGRETTI RODRIGO LIBERAL **RAMILLE SHAH** RINSE K. WEERSMA **WEICI ZHANG** 

**RUDI ALBERTS ULRICH BEUERS LISA B. BOYETTE** GIANNA HAMMER **ESPEN MELUM GUOXIANG YANG** 

**EVA ELLINGHAUS. ANDRE FRANKE** ROMINA FIOROTTO, MARIO STRAZZABÓSCO. TOM HEMMING KARLSEN STEFANO FIORUCCI, BARBARA RENGA **HEATHER FRANCIS, SHARON DEMORROW** NICHOLAS F. LARUSSO, STEVEN P. O'HARA, JAMES H. TABIBIAN **EVAGGELIA LIASKOU, GIDEON** M. HIRSCHFIELD & ALEXANDER G. MIETHKE

TIM O. LANKISCH PATRICK S.C. LEUNG MARK S. SILVERBERG

# **AASLD AWARDS**

**GEOFF BALDWIN** 

**SHI-YING CAI &** 

**SRIDHAR MANI** 

**CARLO SELMI** 

JAMES L. BOYER

2010

JUDY CHO

**NICHOLAS F. LARUSSO** 

MARIO STRAZZABOSCO

Young Investigator

Funded by PSC Partners Seeking A Cure Canada

RINSE K. WEERSMA

**NIDHI JALAN-SAKRIKAR**, 2021 VIK MEADOWS, 2020 OMAR Y. MOUSÁ, 2019 ANGELA C. CHEUNG, 2018 MARK DENEAU, 2017 **EMINA HALILBASIC**, 2016 BRIAN D. JURAN, 2015 MOHAMMED NABIL QURAISHI,

2014 **JAMES H. TABIBIAN,** 2013 LINA LINDSTROM, 2012 BRIAN D. JURAN, 2011 **J. EATON,** 2010 **V.S. TEABERRY, 2009** P.G. BLANCO, 2008

**ISTVAN TORNÁI, 2008 TOM HEMMING KARLSEN, 2007** 

CASL AWARDS

DIANA NAKIB. 2023 M. ISMAIL, 2022 **BELLAL JUBRAN.** 2021 JULIAN HERCON, 2020

**EASL AWARDS** 

JENNY KRAUSE, 2023 **WEI-YU LU**, 2022 **ANNIKA BERGQUIST, 2021** 





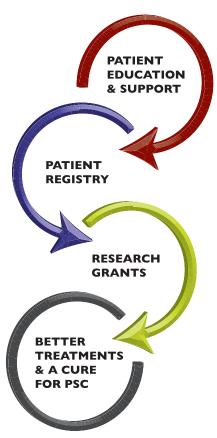
PSC Partners Seeking a Cure is a 501(c)(3) nonprofit organization whose mission is to drive research to identify treatments and a cure for primary sclerosing cholangitis (PSC), while providing education and support for those impacted by this rare disease.

**SCAN FOR MORE INFO** 



PSCPARTNERS.ORG | PSC PARTNERS SEEKING A CURE 6900 E BELLEVIEW AVE, SUITE 202 GREENWOOD VILLAGE, CO 80111 | 303-771-5227 CONTACTUS@PSCPARTNERS.ORG





PSC Partners has awarded millions in research grants to fund studies focused on primary sclerosing cholangitis (PSC).

### **GRANTS**

We award several grants each year to fund research that is focused on funding causes, treatments, and cure for PSC. Visit our website to see the grants we've funded and more: pscpartners.org/research-grants

#### PATIENT REGISTRY

We host an IRB approved PSC patient registry created in collaboration with the NIH and NCATS.

>pscpartnersregistry.org (actively recruiting)

# RESOURCES FOR RESEARCHERS & CLINICIANS

- Dynamic website for medical professionals, PSC patients and caregivers
- PSC Partners e-news publications, including the monthly newsletter The Duct
  - ⇒Sign up on our website

# SUPPORT FOR YOUR PSC PATIENTS & CAREGIVERS

- · Educational Materials to Share with Your Patients
  - Living with PSC brochure, Patient Registry brochure, Pediatric PSC brochure
- Annual Patient Conferences at Major US Medical Centers
  - >Conferences held in conjunction with leading medical centers that are highly experienced in PSC care and research
- Online Support Groups
  - Open and closed Facebook groups and mentor program providing support and education. Find more information on our website and social media networks.