



**PSC PARTNERS  
SEEKING A CURE**

[PSCPARTNERS.ORG](http://PSCPARTNERS.ORG)



**PSC PARTNERS  
SEEKING A CURE  
CANADA**

[PSCPARTNERS.CA](http://PSCPARTNERS.CA)

**PSC Partners Seeking a Cure is a 501(c)(3) nonprofit organization whose mission is to provide education and support to PSC patients, families and caregivers and to raise funds to research causes, treatments and potential cures for Primary Sclerosing Cholangitis.**

**GRANT INFORMATION**



**GRANT APPLICATION**



## **RESEARCH GRANTS**

Grants awarded annually for promising PSC research:

[HTTP://PSCPARTNERS.ORG/RESEARCH-GRANTS/GRANT-APPLICATION/](http://PSCPARTNERS.ORG/RESEARCH-GRANTS/GRANT-APPLICATION/)

Listing of previous grants awarded:

[HTTP://PSCPARTNERS.ORG/RESEARCH-GRANTS/](http://PSCPARTNERS.ORG/RESEARCH-GRANTS/)

## **PATIENT REGISTRY**

IRB approved PSC patient registry created in collaboration with the NIH & NCATS:

[WWW.PSCPARTNERSREGISTRY.ORG](http://WWW.PSCPARTNERSREGISTRY.ORG) (actively recruiting)

## **WEBSITE**

Dynamic website for medical professionals, PSC patients and caregivers:

[WWW.PSCPARTNERS.ORG](http://WWW.PSCPARTNERS.ORG)

## **PSC LITERATURE SITE**

Access to articles and literature on PSC and related diseases for researchers, physicians and patients: [HTTP://PSCPARTNERS.ORG/SEARCH-LITERATURE/](http://PSCPARTNERS.ORG/SEARCH-LITERATURE/)

## **SUPPORT FOR YOUR PSC PATIENTS**

Open and closed Facebook groups and mentorship program providing support and education. Find us on Facebook at PSC Partners.

## **PATIENT CONFERENCES**

Annual patient/caregiver conferences at major U.S. medical centers

[HTTP://PSCPARTNERS.ORG/ANNUAL-CONFERENCES/](http://PSCPARTNERS.ORG/ANNUAL-CONFERENCES/)

2017 conference held in conjunction with the Cleveland Clinic

[HTTP://PSCPARTNERS.ORG/UPCOMING-CONFERENCE/](http://PSCPARTNERS.ORG/UPCOMING-CONFERENCE/)

## **WE NEED YOUR HELP TO SHARE OUR RESOURCES WITH YOUR PSC PATIENTS**

Contact us to send educational materials for your office

[HTTP://PSCPARTNERS.ORG/BROCHURES/](http://PSCPARTNERS.ORG/BROCHURES/)

- Living with PSC Patient Brochure
- Patient Registry Brochure
- Pediatric PSC Brochure

## 2016

### **MARIA EUGENIA GUICCIARDI**

Macrophages in the development of sclerosing cholangitis: Therapeutic implications

### **JOHANNES R. HOV**

Functional microbial biomarkers in primary sclerosing cholangitis

### **TOM H 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

### **DOUGLAS THORBURN**

Development and validation of a patient-derived, disease specific, health-related quality of life (HRQoL) tool for PSC

 First year funded by PSC Partners Seeking a Cure Canada

## 2015

### **JESSICA ALLEGRETTI**

Fecal microbiota transplantation for the treatment of primary sclerosing cholangitis

### **RODRIGO LIBERAL**

Entero-hepatic trafficking of lymphocytes in the pathogenesis of juvenile onset autoimmune sclerosing cholangitis

### **RAMILLE SHAH**

Intrahepatic bile duct tissue engineering utilizing liver matrix and 3D bioprinting

### **RINSE K. WEERSMA**

Confirmation of rare exonic variants involved in the development of primary sclerosing cholangitis

### **WEICI ZHANG**

Immunoglobulin glycosylation repertoire: Novel serological biomarkers of PSC



## 2014

### **RUDI ALBERTS**

Unraveling genetics driving PSC sub-phenotypes: An IPSCSG study

### **ULRICH BEUERS**

Distinguishing primary sclerosing cholangitis from IgG4-associated cholangitis: Specific IgG4 class-switched B-cells as diagnostic tool

### **LISA B. BOYETTE**

Accelerated identification of preclinical models for primary sclerosing cholangitis (PSC) using IBM Watson cognitive technology

### **GIANNA HAMMER**

Aberrant dendritic cell functions that cause inflammatory bowel disease

### **ESPEN MELUM**

The role of CD1D in regulating inflammation in PSC

### **GUOXIANG YANG**

Role of natural killer cells in the pathogenesis of primary sclerosing cholangitis

## **AASLD ANNUAL AWARDS**

EMINA HALILBASIC, 2016  
BRIAN D. JURAN, 2015  
MOHAMMED NABIL QURASHI, 2014  
JAMES H. TABIBIAN, 2013  
LINA LINDSTROM, 2012  
BRIAN D. JURAN, 2011  
J. EATON, 2010  
V.S. TEABERRY, 2009  
P.G. BLANCO, 2008  
ISTVAN TORNAI, 2008  
TOM H. KARLSEN, 2007

## 2013

### **EVA ELLINGHAUS, ANDRE FRANKE**

Whole exome sequencing of PSC patients with severe disease

### **ROMINA FIOROTTO, MARIO STRAZZABOSCO, TOM H. KARLSEN**

Role of epithelial toll like receptor dependent innate immune responses in the pathogenesis and treatment of PSC

### **STEFANO FIORUCCI, BARBARA RENGÀ**

Bile acid activated receptors TGR5 and FXR as therapeutic targets for the treatment of PSC

### **HEATHER FRANCIS, SHARON DEMORROW**

Bile acid-regulation of mast cells in models of primary sclerosing cholangitis and cholangiocarcinoma

### **NICHOLAS F. LARUSSO, STEVEN P. O'HARA, JAMES H. TABIBIAN**

The cholangiocyte senescence associated secretory phenotype as a therapeutic target in PSC

### **EVAGGELIA LIASKOU, GIDEON M. HIRSCHFIELD**

Linking gene susceptibility and environmental factors to biliary damage in PSC: the CD28/vitamin D axis

### **ALEXANDER G. MIETHKE**

Regulation of hepatic lymphocyte responses in pediatric sclerosing cholangitis

## 2012

### **TIM O. LANKISCH**

A combined bile and urine proteomic test for the detection of cholangiocarcinoma in patients with PSC

### **PATRICK S.C. LEUNG**

Metagenomic analysis of bile microbial diversity in PSC

### **MARK S. SILVERBERG**

Characterization of the intestinal microbiome in UC patients with and without PSC

## 2011

### **GEOFF BALDWIN**

A nano-device for the early stage detection of cholangiocarcinoma

### **NICHOLAS F. LARUSSO**

Potential role of cholangiocyte senescence in PSC

### **RINSE K. WEERSMA**

The exome in PSC

## 2010

### **SHI-YING CAI, JAMES L. BOYER**

Combination treatment with ursodeoxycholic acid and all-trans retinoic acid for PSC

### **JUDY CHO**

Identification of genetic profiles unique to PSC-IBD

### **SRIDHAR MANI**

Establishing the role and molecular mechanisms for pregnane X receptor in progressive sclerosing cholangitis

### **CARLO SELMI**

Epigenetics associated with PSC in monozygotic twins discordant for the disease

### **MARIO STRAZZABOSCO**

Pathogenesis of PSC: Role of TGR5 in the regulation of the innate immune response in the biliary epithelium

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