



## **Dr. Christian Ivan Pérez Shibayama**

**Post Doctoral fellow  
scientist (post doc)**

**Medizinisches Forschungszentrum · Management**

### **Contact**

Dr. Christian Ivan Pérez Shibayama  
Rorschacherstrasse 95  
9007 St. Gallen  
Switzerland

T +41 71 494 7156  
ChristianIvan.PerezShibayama@kssg.ch

### **Units**

Medizinisches Forschungszentrum

### **Position**

Post Doctoral fellow

### **Profile Function**

scientist (post doc)

## Publications (32)

Onder L, Papadopoulou C, Lütge A, Cheng H, Lütge M, Pérez Shibayama C, Gil Cruz C, De Martin A, Kurz L, Cadosch N, Pikor N, Rodriguez R, Born D, Jochum W, Leskow P, Dutly A, Robinson M, Ludewig B. Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. *Cell* 2024

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Pérez Shibayama C, Gil Cruz C, Ludewig B. Fibroblasts tune myocardial inflammation and remodeling. *Nature Cardiovascular Research* 2022; 1:694-695.

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Ring S, Spiegl M, Besse A, Bonilla W, Stemeseder F, Schmidt S, Orlinger K, Krebs P, Ludewig B, Wenger R, Hartmann F, Cupovic J, Onder L, Lütge M, Pérez Shibayama C, Gil Cruz C, Scandella E, De Martin A, Mörbe U, Flatz L. Viral vector-mediated reprogramming of the fibroblastic tumor stroma sustains curative melanoma treatment. *Nat Commun* 2021; 12:4734.

Prados A, Ludewig B, Koliaraki V, Pérez Shibayama C, Gil Cruz C, Lütge M, Mörbe U, Cheng H, Onder L, Kollias G. Fibroblastic reticular cell lineage convergence in Peyer's patches governs intestinal immunity. *Nat Immunol* 2021; 22:510-519.

Pérez Shibayama C, Gil Cruz C, Colston J, Novkovic M, De Martin A, Ring S, Onder L, Cheng H, Lütge M, Islander U, Ludewig B. Type I interferon signaling in fibroblastic reticular cells prevents exhaustive activation of antiviral CD8 T cells. *Sci Immunol* 2020; 5

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Valero-Pacheco N, Klenerman P, Reyes-Sandoval A, Isibasi A, Pastelin-Palacios R, Sánchez-Torres L, Gil Cruz C, Pérez Shibayama C, Kurioka A, Wong-Baeza I, Pérez-Toledo M, Kemlo P, Aldapa-Vega G, Blight J, López-Macías C. Conservation of the OmpC Porin Among Typhoidal and Non-Typhoidal Serovars. *Front Immunol* 2020; 10:2966.

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Fässler M, Jörger M, Recher M, Risch L, Gusewell S, Risch M, Speiser D, Ludewig B, Levesque M, Dummer R, Siano M, Krolik M, Diem S, Mangana J, Hasan Ali O, Berner F, Bomze D, Ring S, Niederer R, Gil Cruz C, Pérez Shibayama C, Flatz L. Antibodies as biomarker candidates for response and survival to checkpoint inhibitors in melanoma patients. *J Immunother Cancer* 2019; 7:50.

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Carreño J, Pérez Shibayama C, Gil Cruz C, López-Macías C, Vernazza P, Ludewig B, Albrich W. Evolution of Salmonella Typhi outer membrane protein-specific T and B cell responses in humans following oral Ty21a vaccination: A randomized clinical trial. *PloS one* 2017; 12:e0178669.

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Pérez Shibayama C, Ludewig B. Tuning up FALCs: immunological shielding in the body cavities. *Nat Immunol* 2015; 16:796-8.

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Pastelin-Palacios R, Isibasi A, Gunn J, Bonifaz L, Alpuche-Aranda C, Becker I, García-Zepeda E, Cunningham A, Ludewig B, Arriaga-Pizano L, Cervantes-Barragan L, Moreno-Eutimio M, Pérez Shibayama C, Gil Cruz C, López-Macías C. Subversion of innate and adaptive immune activation induced by structurally modified lipopolysaccharide from *Salmonella typhimurium*. *Immunology* 2011; 133:469-81.

## Projects (6)

### **Defining the origin of lymph node and Peyer's patch fibroblastic reticular cells at single cell resolution**

*Fundamental Research - Apr 1, 2016 - Mar 31, 2019*

*Automatically Closed*

### **Impact of omental fibroblastic stromal cells on the induction of anti-bacterial immunity**

*Fundamental Research - Oct 1, 2015 - Sep 30, 2016*

*Automatically Closed*

### **"Mechanisms of Evasive Resistance in Cancer (MERiC)"**

*Clinical Studies - Nov 1, 2014 - Nov 1, 2020*

*Automatically Closed*

### **Selection and education of heart-specific Th cells by thymic and lymph node stromal cells**

*Fundamental Research - Apr 1, 2013 - Mar 31, 2016*

*Completed*

### **Systems immunological analysis of lymph node structure and function in viral infection**

*Fundamental Research - Aug 1, 2012 - Jul 31, 2016*

*Completed*

### **Polyvalent vaccine against Salmonellosis**

*Fundamental Research - Nov 1, 2011 - Apr 30, 2013*

*Completed*