

- Absence of gut microbiota impairs depletion of Paneth cells but not goblet cells in germ-free *Atoh1<sup>lox/lox</sup> VilCreER<sup>T2</sup>* mice. Hassan M, Juanola O, Huber S, Kellmann P, Zimmermann J, Lazzarini E, Ganai-Vonarburg SC, Gomez de Agüero M, **Moghadamrad S**. 2023 Mar 21. doi: 10.1152/ajpgi.00123.2022.PMID: 36942864. **Am J Physiol Gastrointest Liver Physiol**. Received **APSselect award** May-June 2023.
- Paneth Cells Regulate Lymphangiogenesis under Control of Microbial Signals during Experimental Portal Hypertension. Mohsin Hassan, Oriol Juanola, Irene Keller, Paolo Nanni, Witold Wolski, Sebastián Martínez-López, Esther Caparrós, Rubén Francés, **Sheida Moghadamrad**. 2022 Jun 25;10(7):1503. PMID: 35884808 doi: 10.3390/biomedicines10071503. **Biomedicines**.
- Intestinal microbiota drives cholestasis-induced specific hepatic gene expression patterns. Juanola O, Hassan M, Kumar P, Yilmaz B, Keller I, Simillion C, Engelmann C, Tacke F, Dufour J-F, De Gottardi A, **Moghadamrad S**. PMID: 33847205. doi:10.1080/19490976.2021.1911534. **Gut microbes**.
- Paneth cells promote angiogenesis and regulate portal hypertension in response to microbial signals. Hassan M, **Moghadamrad S**, Sorribas M, Muntet SG, Kellmann P, Trentesaux C, Fraudeau M, Nanni P, Wolski W, Keller I, Hapfelmeier S, Shroyer NF, Wiest R, Romagnolo B, De Gottardi A. 10.1016/j.jhep.2020.03.019. PMID: 32205193. **Journal of Hepatology**.
- Attenuated fibrosis in specific pathogen-free microbiota in experimental cholestasis- and toxic-induced liver injury. **Moghadamrad S**, Hassan M, McCoy KD, Kirundi J, Kellmann P, De Gottardi A. 2019 doi: 10.1096/fj.201901113. PMID: 31431085. **FASEB Journal**.
- Attenuated portal hypertension in germ-free mice: Function of bacterial flora on the development of mesenteric lymphatic and blood vessels. **Moghadamrad S**, McCoy KD, Geuking MB, Sägesser H, Kirundi J, Macpherson AJ, De Gottardi 2015 May;61(5):1685-95. doi: 10.1002/hep.27698. PMID: 25643846. **Hepatology**.
- Cholestasis in a patient with gallstones and a normal gamma-glutamyl transferase. **Moghadamrad S**, Montani M, Weimann R, De Gottardi A. 2013, doi:10.1002/hep.26344. PMID:23446990. **Hepatology**.
- Isoproterenol Disrupts Intestinal Barriers Activating Gut-Liver-Axis: Effects on Intestinal Mucus and Vascular Barrier as Entry Sites. Sorribas M, de Gottardi A, **Moghadamrad S**, Hassan M, Spadoni I, Rescigno M, Wiest R. 24:1-13. doi:10.1159/000502112. PMID: 31550710.
- FXR-modulates the gut-vascular barrier by regulating the entry sites for bacterial translocation in experimental cirrhosis.

## Moghadamrad Sheida, ORCID 0000-0001-7322-4759, Publication list

Sorribas M, Jakob MO, Yilmaz B, Li H, Stutz D, Noser Y, de Gottardi A, **Moghadamrad S**, Hassan M, Albillos A, Francés R, Juanola O, Spadoni I, Rescigno M, Wiest R. 2019., doi: 10.1016/j.jhep.2019.06.017. PMID:31295531. **Journal of Hepatology**.

- 4-O'-methylhonokiol protects from alcohol/carbon tetrachloride-induced liver injury in mice. Patsenker E, Chicca A, Petrucci V, **Moghadamrad S**, de Gottardi A, Hampe J, Gertsch J, Semmo N, Stickel. 2017;95(10):1077-1089. doi: 10.1007/s00109-017-1556-y. PMID:28689299. **F.J Mol Med**.

## REVIEW

- Microbiome-liver crosstalk: A multihit therapeutic target for liver disease. Kirundi J, **Moghadamrad S**, Urbaniak C. doi: 10.3748/wjg.v29.i11.1651. Mar 21, 2023; 29(11): 1651-1668. Published online Mar 21, 2023. **World J Gastroenterol**.

## INVITED PRESENTATIONS AT CONFERENCES

### INTERNATIONAL

- 07/2025 Poster pitch presentation at the Mucosal Immunology Symposium, Oxford, UK.
- 05/2025 Poster presentation (TOP selected poster) in European Association for the Study of the Liver (EASL-ILC2025), Amsterdam, Netherlands.
- 04/2025 Oral presentation as **the Best Poster award winner** at the Experimental Hepatology Symposium, Lyon, France.
- 05/2023 Invited speakers, European Vascular Biology organization (webinar series).
- 10/2019 Oral presentation at the 27th United European Gastroenterology Week, Barcelona, Spain.
- 10/2018 Oral presentation at the 8th Congress of European Club Liver Cell Biology, Bonn, Germany.
- 04/2018 Oral e-poster presentation at International Liver Congress, Paris, France.
- 09/2017 Oral presentation as an outstanding young researcher in the field of Hepatology at the 7<sup>th</sup> International Tehran Hepatitis Conference, Iran.

**Moghadamrad Sheida, ORCID 0000-0001-7322-4759, Publication list**

- 12/2016 Invited speakers from EASL to the AC workshop “Scientific and Educational Content in the Digital World,” Nice, France.
- 11/2016 Poster presentation at the Liver Meeting of the American Association for the Study of Liver Disease, Boston, MA, USA.
- 10/2016 Oral presentation at United European Gastroenterology Week, Vienna, Austria.
- 04/2016 Poster presentation in the European Association for the Study of the Liver (EASL), Barcelona, Spain.
- 05/2013 Poster presentation in the EASL monothematic conference “Bacterial infection in Cirrhosis, Barcelona, Spain.
- 10/2012 Poster presentation “The Microbiome”, International University of Andalusia, Spain.

**NATIONAL**

- 01/2025 Oral presentation at the 21<sup>st</sup> Hepatobiliary and Gastrointestinal Congress annual meeting, Grindelwald, Switzerland.
- 09/2024 Oral presentation at the annual meeting of Société Suisse de Gastroentérologie, Société Suisse de la Chirurgie Viscérale et Swiss Association for the Study of the Liver, Interlaken, Switzerland.
- 02/2024 Oral presentation at 21<sup>st</sup> Hepatobiliary and Gastrointestinal Congress, Grindelwald, Switzerland.
- 07/2023 Oral presentation at Bellinzona Institutes of Science Retreat, Morschach, Switzerland.
- 09/2022 Oral presentation at the annual meeting of Société Suisse de Gastroentérologie, Société Suisse de la Chirurgie Viscérale et Swiss Association for the Study of the Liver, Interlaken, Switzerland.
- 11/2022 Oral presentation as a **winner of the Innovative Prize, Falk Pharma**, Opfikon, Zürich
- 09/2021 Oral presentation as a **Hepatology prize winner** in the annual meeting SGGSSG/SGVC/SASL, Interlaken, Switzerland.
- 09/2019 Poster presentation in the annual meeting of SGGSSG/SGVC/SASL, Interlaken, Switzerland.

**Moghadamrad Sheida, ORCID 0000-0001-7322-4759, Publication list**

- 01/2018 Oral presentation at 17<sup>th</sup> Hepatobiliary and Gastrointestinal Congress, Les Diablerets, Switzerland.
- 09/2017 Oral presentation at the annual meeting of SGGSSG/SGVC/SASL, Lausanne, Switzerland.
- 01/2017 Oral presentation at the 16th Hepatobiliary and Gastrointestinal Congress, Stoos, Switzerland.
- 09/2016 Poster presentation at the annual meeting of SGGSSG/SGVC/SASL, Interlaken, Switzerland.
- 01/2016 Oral presentation in UVCM (Universitätsklinik für Viszerale Chirurgie und Medizin) Research retreat in Berne.
- 10/2015 Oral presentation as a **Hepatology prize winner** in the annual meeting SGGSSG/SGVC/SASL, Interlaken, Switzerland.
- 10/2015 Poster presentation at the annual meeting of SGGSSG/SGVC/SASL, Interlaken, Switzerland.
- 01/2015 Oral presentation at the 14th Hepatobiliary and Gastrointestinal Congress, Vulpera, Switzerland.
- 01/2015 Oral presentation at the UVCM research retreat in Berne, Switzerland.
- 09/2013 Oral presentation at the annual meeting of SGGSSG/SGVC/SASL, Basel, Switzerland.
- 01/2013 Oral presentation at 12th Hepatobiliary and Gastrointestinal Congress, Vulpera, Switzerland.
- 02/2012 Oral presentation in the graduate school symposium of the University of Berne, Switzerland.
- 11/2012 Oral presentation at UVCM research retreat in Münchenwiller, Switzerland.
- 11/2012 Poster presentation at the department of clinical research symposium (DKF-day) of University Hospital of Berne, Switzerland.
- 09/2012 Oral presentation at SGGSSG/SGVC/SASL Interlaken, Switzerland, at the annual meeting.
- 02/2012 Poster presentation at the Graduate School of the University of Berne, Switzerland, annual meeting.
- 11/2011 Oral presentation at the UVCM research retreat in Gerzensee, Switzerland.
- 01/2011 Poster presentation at the annual meeting of the Graduate School of the University of Berne, Switzerland.
- 11/2010 Oral presentation at the UVCM research retreat in Münchenwiler, Switzerland.