



S Y S  
C I D

SYSCID – A Systems medicine approach to chronic inflammatory diseases

### SYSCID E-Newsletter: 7/2019

We are pleased to present the fifth e-newsletter of the SYSCID consortium which unites internationally renowned experts from 9 countries with the ambition to pave the way for a systems medicine approach to chronic inflammatory diseases. Before taking a well-deserved summer break, we would like to provide you with a short update of our work progress and interesting news from the field. This includes:

- [Recent publications](#)
- [Symposium on Computational Integration of Multi-Omics data](#)
- [Upcoming events](#)
- [News from the team](#)

### Recent publications

- Yang W, Rosenstiel P, Schulenburg H: [aFold - using polynomial uncertainty modelling for differential gene expression estimation from RNA sequencing data](#). BMC Genomics 20(1):364, doi: 10.1186/s12864-019-5686-1
- Aden K et al.: [ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGAS-STING](#). J Exp Med. 2018 Nov 5;215(11), 2868-2886, doi: 10.1084/jem.20171029

### Symposium on Computational Integration of Multi-Omics data

A two-day international symposium “Symposium on Computational Integration of Multi-Omics data” was hosted on 17th and 18th June in Kiel. The symposium aimed at promoting interdisciplinary exchange between researchers working with different types of ‘omics’ technologies. The symposium included invited talks by 6 international speakers and a single-cell RNA-seq data analysis workshop organized in collaboration with the SYSCID partners from the University of Bonn. The symposium was attended by around 60 participants over the two days.

This symposium was funded by the ZMB Young Scientist Grant 2018.

### Upcoming events

- [European Researchers’ Night](#): September 27-28, 2019 Scotland
- [UEG Week](#): October 19-23, 2019 Barcelona Spain
- [ICPerMed Workshop](#): November 5-6, 2019 Madrid Spain
- [IHEC annual meeting](#): November 17-20, 2019 Banff Canada

### News from the team

The SYSCID team gathered for the 2<sup>nd</sup> progress meeting in Croatia from April 3<sup>rd</sup> to 5<sup>th</sup>. Kicking off the meeting the partners split into two workshops dedicated to the curation of disease maps and methylation analysis. During the following days all WP leaders presented the progress in their field. Discussions were pursued in special break-out sessions substantiating the work in key areas such as single cell analysis and the different disease cohorts. Joining us was Dirk Hadrich from the European Commission who has been supporting our project from the beginning. Special thanks go to our Croatian

partners from Genos and University of Zagreb who organized the venue as well as a tour providing us with some historic background of Dubrovnik's old town.

### Your contact persons

Should you have questions or suggestions for our newsletter, please get in touch with:

#### **Project Coordination**

Kiel University, Institute of Clinical Molecular Biology

Prof. Dr Philip Rosenstiel

Phone: +49(0)431 / 500 15111

[Email](#)

#### **Project Management**

European Research and Project Office GmbH (Eurice)

Jennifer Krill

Phone: +49 (0) 6894 / 3881332

[Email : j.krill@eurice.eu](mailto:j.krill@eurice.eu)



SYSCID has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 733100.

This newsletter was sent by Eurice GmbH – Heinrich-Hertz-Allee 1 66386 St.Ingbert\_(Germany) on behalf of the SYSCID Consortium.

[Click here to unsubscribe](#) - [Imprint](#) - [Privacy policy](#)