



Dear colleagues and friends,

We cordially invite you to the workshop "Inside Tick" which will take place from September 12 to 13, 2019 in Greifswald, Germany.

In lectures and practical exercises, the participants are trained in the anatomical preparation of ticks.

In addition to preparation courses, we will discuss the use of the organs in transcriptomic studies. As a result of the workshop, participants will be able to obtain high-quality RNA for transcriptome analysis of hemolymph, excretory fluid, salivary glands and ganglion, as well as digestive and genital organs. The workshop is also addressed to scientists from other arthropod groups, as the methodology is transferable. The aim is to facilitate the entry in the OMICS technologies, as well as to promote constructive exchange and substantive cooperation in zoonotic research.

We are looking forward to welcome you all in this beautiful part of Germany!

Sincerely yours

Mandy Schäfer & organising committee

**Register as soon as possible, the number of participants is limited to 20!**

**Registration:** Please send your registration until the 31<sup>st</sup> of July to: [Mandy.Schaefer@fli.de](mailto:Mandy.Schaefer@fli.de)



# Workshop “Inside Tick”

## September 12 to 13, 2019

### Program

#### Thursday, 12.09.2019

- 09:00 - 09:30 Uhr: Welcome (Prof. Dr. Cornelia Silaghi)
- 09:30 - 11:00 Uhr: Icebreaker
- 11:00 - 11:30 Uhr: Coffee break
- 11:30 - 13:00 Uhr: External anatomy of soft and hard ticks (hemolymph, excretory fluid)
- 13:00 - 14:00 Uhr: Lunch at the cafeteria
- 14:00 - 15:30 Uhr: Internal anatomy of soft and hard ticks (salivary glands)
- 15:30 - 16:00 Uhr: Coffee break
- 16:00 - 17:00 Uhr: New approaches studying tick-host-pathogen interactions (Univ.-Prof. Ard Nijhof)
- 17:00 - 18:00 Uhr: Free preparation time
- 18:30 Uhr: Dinner

#### Freitag, 13.09.2019

- 09:00 - 11:00 Uhr: Internal anatomy of soft and hard ticks (Ganglion)
- 11:00 - 11:30 Uhr: Coffee break
- 11:30 - 12:30 Uhr: A brief introduction to transcriptomics: from sampling to data analysis (Dr. Dirk Höper)
- 12:30 - 13:30 Uhr: Lunch at the cafeteria
- 13:30 - 16:00 Uhr: Internal anatomy of soft and hard ticks (digestive and genital organs)
- 16:00 - 16:30 Uhr: Coffee break
- 16:30 - 17:30 Uhr: Free preparation time
- 17:30 - 18:30 Uhr: Final discussion

### **Workshop fee: 20,00 €**

The fee includes the abstract book, soft drinks and snacks during the Workshop and the dinner.

### Icebreaker

Be creative and prepare a one-page graphical abstract for the Icebreaker, where you can visualize yourself and your research.

### Contact

„Inside Tick“  
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Telefon: 038351 7 1014

### Venue

Universität Greifswald  
Zoologisches Institut und Museum  
Loitzer Straße 26  
17489 Greifswald