

Program

29th October (Monday)

	09.00	Welcome Address
	09:15 - 09:50	Talk Session 1 - <i>Wild life</i>
	09:50 - 10:15	Coffee break
	10:15 - 11:00	Talk Session 2 - <i>Wild life</i>
	11:00 - 11:15	Short break
	11:15 - 12:15	Talk Session 3 - <i>Helminth</i>
	12:15 - 13:15	Lunch
	13:15 - 13:50	Talk Session 4 - <i>Helminth and Toxoplasma</i>
	13:50 - 14:00	Short break
	14:00 - 14:45	Talk Session 5 - <i>Helminth and Toxoplasma</i>
	14:45 - 15:15	Coffee break
	15:15 - 16:00	Talk Session 6 - <i>Toxoplasma</i>
	16:15 - 17:00	Principal Investigator Meeting/ Doctoral Meeting
	17:00-19:00	Quiz, Games, Snacks
	19.30 open end	Social evening Dinner: Peter Pane, Schloßstraße 34, 12163 Berlin

Program

30th October (Tuesday)

	09.00	Welcome
	09:15 - 10:00	Talk Session 1 - <i>Giardia</i>
	10:00 - 10:15	Short break
	10:05 - 10:45	Talk Session 2 - <i>Plasmodium</i>
	11:00 - 11:30	Coffee break
	11:15 - 12:15	Talk Session 3 - <i>Plasmodium</i>
	12.15 - 13:15	Lunch
	13:15 - 13:55	Talk Session 4 - <i>Mosquitoes</i>
	13:55-14:00	Closing Speech
	14:15 - 15:00	Doctoral Researchers, Speaker, Coordinator Meeting

Day 1: TALK SESSION OVERVIEW

Welcome Address

Monday 09:00 – 09:15

Talk Session 1: *Wild Life*

Monday 09:15 – 09:50

Moderators: Alexander Gerhard and Robin Benter

Name	Title
Susana Ferreira	Intrinsic and extrinsic determinants of helminth parasite infection in female spotted hyenas
Miguel Veiga	Fitness consequences and determinants of parasite infections in a wild social carnivore, the spotted hyena (<i>Crocuta crocuta</i>)
Maria Serocki	Apicomplexan parasites, immunity and its link to life history states in free-ranging cheetahs

Talk Session 2: *Wild Life*

Monday 10:15 – 11:00

Moderators: Totta Ehret and Bhavya Kapse

Name	Title
Lubomir Bednar	Immunological characterization of Hybrid Vigor phenomenon in <i>Mus musculus</i> subspecies during <i>Eimeria</i> infections
Victor Hugo Jarquin-Díaz	Multimarker-metabarcoding in a microfluidics system as a versatile method for molecular identification
Vivian Schöler	tba

Talk Session 3: *Helminth*

Monday 11:15 – 12:15

Moderators: Susana Ferreira and Martin Kraft

Name	Title
Esra Yilmaz	Understanding cytochrome P450-mediated anthelmintic resistance in nematodes
Natalie Jakobs	Identification and characterization of ML metabolic pathways in <i>Cooperia oncophora</i>
Irina Diekmann	Cyathostomin population diversity in treated and untreated equine hosts with different geographical background
Alexander Gerhard	Comprehensive characterization of the P-glycoprotein family in <i>Parascaris</i> sp.

Talk Session 4: *Helminth and Toxoplasma*

Monday 13:15 – 13:50

Moderators: Esra Yilmaz and Maria Serocki

Name	Title
Nicole Affinass	Manipulation of the Th2/1 to Th2 ratio affects the fitness of parasitic nematodes
Bhavya Kapse	Mechanisms of hybrid T helper cell instruction in nematode infections
Alex Katelas	Sphingolipid synthesis in the obligate intracellular parasite <i>Toxoplasma gondii</i>

Talk Session 5: *Helminth and Toxoplasma*

Monday 14:00 – 14:40

Moderators: Florence Awamu and Costanza Tacoli

Name	Title
Norus Ahmed	Development of a non-invasive technique using exfoliated cells to detect infection in mice
Benjamin Hamid	Macrophage and dendritic cell adaptation to sequential co-infection by protozoan and helminth parasites
Ankur Midha	Antimicrobial activities of excreted/secreted products of intestinal nematodes

Talk Session 6: *Toxoplasma*

Monday 15:15 – 16:00

Moderators: Ivet Yordanova and Welmoed van Loon

Name	Title
Francesca Torelli	Identifying cat transmission-relevant rodent reservoirs for virulent <i>Toxoplasma gondii</i> strains by analyzing IRGs-mediated resistance mechanisms
Estefania Delgado-Betancourt	Innate immune responses of intestinal organoids from wild rodents upon <i>Toxoplasma gondii</i> infection
Benedikt Fabian	Oocyst-molecules of <i>Toxoplasma gondii</i> : Their role for survival in the environment and their diagnostic potential

Principal Investigator Meeting/ Doctoral Meeting

Monday 16:15 – 17:00

Quiz, Games, Snacks

Monday 17:00 – 19:00

Social evening: Dinner at Peter Pane (Schloßstraße 34, 12163 Berlin)

Monday 19:30 –

Day 2: TALK SESSION OVERVIEW

Talk Session 1: *Giardia*

Tuesday: 09:15 – 10:00

Moderators: Francesca Torelli and Caroline Kiuru

Name	Title
Ivet Yordanova	Shifts in Treg/Th17 balance correlate with differential control of infection with <i>Giardia muris</i>
Totta Ehret	Influences of metabolic stress on <i>Giardia duodenalis</i> growth
Martin Kraft	Human small intestinal organoids - a superior model to investigate <i>Giardia</i> sp. infection

Talk Session 2: *Plasmodium*

Tuesday: 10:15 – 11:00

Moderators: Nicole Affinass and Benedikt Fabian

Name	Title
Jonnel Jaurigue	Characterisation and functionality of antibodies against <i>P. falciparum</i> -specific glycosylphosphatidylinositol
Costanza Tacoli	Characterization of <i>Plasmodium falciparum</i> artemisinin resistance in southern Rwanda, 2010-2018
Welmoed van Loon	Association between α -thalassemia and artemisinin effectivity on <i>Plasmodium falciparum</i> in vitro and in the field

Talk Session 3: *Plasmodium*

Tuesday: 11:30 – 12:15

Moderators: Norus Ahmed and Benjamin Hamid

Name	Title
Oriana Kreutzfeld	Pre-clinical evaluation of a triple genetically arrested parasite (tKO GAP) for malaria vaccine development
Calvin Yan Ki Hon	Expression of <i>Salmonella enterica</i> flagellin in transgenic <i>Plasmodium berghei</i> as adjuvant to potentially improve malarial vaccine efficacy
Florence Awamu	The role of <i>Plasmodium falciparum</i> derived microvesicles in malaria related anemia

Talk Session 4:

Tuesday: 13:15 – 13:55

Moderators: Ankur Midha and Calvin Yan Ki Hon

Name	Title
Suzana Zakovic	Role of REL2/IMD pathway in the vectorial capacity of malaria mosquito <i>Anopheles gambiae</i>
Robin Benter	The role of microbial communities in structuring mosquito populations in Mali
Caroline Kiuru	Flourishing in germs: Deciphering the role of bacteria in development of the malaria vector <i>Anopheles gambiae</i>

Closing Speech

Tuesday: 13:55 – 14:00

Doctoral researchers, Speaker, Coordinator Meeting

Tuesday: 14:15 – 15:00