

Accepted as Short Talk			Presenter	
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<i>H. pylori</i> and microbiota	51	Dual RNA fluorescent in situ hybridization and immunofluorescence reveals the spatial distribution of <i>Helicobacter pylori</i> and non- <i>H. pylori</i> bacteria in gastric mucosal biopsies during gastric intestinal metaplasia	Amanda	Rossiter
<i>H. pylori</i> and microbiota	64	CagA determines the microbiome changes and risk of colorectal cancer elicited by <i>Helicobacter pylori</i> infection	Veronika	Engelsberger
<i>H. pylori</i> genomics and pathogenomics	8	<i>Helicobacter pylori</i> DNA Methyltransferases: Possible Role(s) in Pathogenesis and Natural Transformation	Rao	Desirazu
<i>H. pylori</i> genomics and pathogenomics	33	Study of the resistome and virulome of <i>Helicobacter pylori</i> by NGS approach using DNA Capture technology	Philippe	Lehours
<i>H. pylori</i> genomics and pathogenomics	44	Roles of <i>oipA</i> phase variation on <i>Helicobacter pylori</i> -induce cell elongation	Ashansa Pamodhi Ramanayake	Mudiyanselage
<i>H. pylori</i> genomics and pathogenomics	50	Methylome evolution through lineage-dependent selection in the gastric pathogen <i>Helicobacter pylori</i>	Sebastian	Suerbaum
<i>H. pylori</i> pathogenicity mechanisms	79	<i>Helicobacter pylori</i> vacuolating cytotoxin A (VacA) hijacks host cell endosomes for intracellular activation.	Terry	Kwok
<i>H. pylori</i> virulence factors	17	Role of the CagY Antenna Projection in <i>Helicobacter pylori</i> Cag Type IV Secretion System Activity	Sirena	Tran
<i>H. pylori</i> virulence factors	22	Beyond cellular vacuolation: <i>Helicobacter pylori</i> VacA toxin alters host cell taurine metabolism	Mandy	Westland
<i>H. pylori</i> virulence factors	37	Structure and function of previously unseen components of bacterial flagellar motor	Anna	Roujeinikova
<i>H. pylori</i> virulence factors	40	Cytotoxin-associated gene A regulates STAT3 signaling in <i>Helicobacter pylori</i> infected macrophages	Sebastian	Diechler
<i>H. pylori</i> virulence factors	46	<i>Helicobacter pylori</i> γ -glutamyltransferase relates to changes in bacterial metabolism important for colonization	Sonja	Fuchs
<i>H. pylori</i> virulence factors	48	<i>Helicobacter pylori</i> employs a general protein glycosylation system for the modification of outer membrane adhesins	Mou-Chieh	Kao
Inflammation and innate immunity	30	Role of IgA in immune control of <i>H. pylori</i> infection	Anne	Müller
Inflammation and innate immunity	55	Effects of ADP-heptose on human primary dendritic cells	Theresa	Neuper
Mechanisms of cancer development and progression	20	The Rspo3/YAP signaling cascade is activated upon epithelial injury and promotes <i>Helicobacter pylori</i> -driven pre-malignant epithelial transformation	Anne-Sophie	Fischer
Mechanisms of cancer development and progression	41	<i>H. pylori</i> and <i>E. coli</i> cooperation and role of host DNA methylation in gastric tumorigenesis.	Emma	Bergsten
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non- <i>pylori</i> <i>Helicobacters</i>	35	<i>Helicobacter acinonychis</i> adaptation to the stomach of the large felines	Iryna	Tkachenko
non- <i>pylori</i> <i>Helicobacters</i>	78	Deciphering prophages in genus <i>Helicobacter</i>	Filipa	Vale
Signal transduction in carcinogenesis	7	Inhibition of the Oncogenic Stress Response by <i>H. pylori</i>	Elena	Zaika

Signal transduction in carcinogenesis	12	Microenvironment-dependent stress response signaling in <i>Helicobacter pylori</i> -infected cells	Behzad	Amirkhizi
Treatment and prevention of <i>H. pylori</i> and gastric cancer	71	CD8+ T cells recognize CagA-derived epitopes and mediate pathogen control in <i>Helicobacter pylori</i> infection	Maximilian	Koch
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<i>H. pylori</i> and microbiota	67	Dual RNA fluorescent in situ hybridization and immunofluorescence reveals the spatial distribution of <i>Helicobacter pylori</i> and non- <i>H. pylori</i> bacteria in gastric mucosal biopsies during gastric intestinal metaplasia	Harriet	Giddings
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<i>H. pylori</i> genomics and pathogenomics	47	Application of high-throughput sequencing technologies for comprehensive analysis of bacterial genome methylation and epigenetics in the model bacterium <i>Helicobacter pylori</i>	Christine	Josenhans
<i>H. pylori</i> genomics and pathogenomics	59	ESTABLISHMENT OF HELICOBACTER PYLORI DIAGNOSTIC PCR TEST FROM SALIVA.	Akbar	Akbar
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<i>H. pylori</i> pathogenicity mechanisms	65	In-depth characterization of <i>Helicobacter pylori</i> derived outer membrane vesicles after employing different isolation and post-isolation labelling strategies	Melanie	Schuerz
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<i>H. pylori</i> virulence factors	27	Characterization of the <i>H. pylori</i> SecA protein; the role of its C-terminal tail.	Patrycja	Ambroziak
<i>H. pylori</i> virulence factors	29	Protease mediated CagA cleavage in <i>Helicobacter pylori</i> infected immune cells	Saruchi	Wadhwa
<i>H. pylori</i> virulence factors	38	Elucidating the function of host-derived cysteine in <i>Helicobacter pylori</i> virulence	Anna	Roujeinikova
<i>H. pylori</i> virulence factors	48	Exploring novel protein-protein interactions of selected <i>Helicobacter pylori</i> Cag Type 4 Secretion System (CagT4SS) outer proteins	Christine	Josenhans
<i>H. pylori</i> virulence factors	58	T4SS- and ADP-heptose-dependent, but CagA- and CEACAM-independent, activation of NF- κ B by <i>Helicobacter pylori</i> in fibroblasts	Nicole	Tegtmeyer
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Inflammation and innate immunity	68	The protection of tissue-resident memory T cells during <i>Helicobacter pylori</i> infection	Ruolan	Gong

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Mechanisms of cancer development and progression	39	In vivo CRISPR screen for gastric tumor suppressors	Anne	Müller
Mechanisms of cancer development and progression	45	THE LeB MOUSE MODEL OF GASTRIC CANCER CAUSED BY LONG-TERM H. PYLORI INFECTION	Artem	Piddubnyi
Mechanisms of cancer development and progression	70	Mutational analysis differentiating sporadic carcinomas from colitis-associated colorectal carcinomas	Theresa	Dregelies
Mechanisms of cancer development and progression	72	Helicobacter pylori chronic infection promotes epigenetic silencing of TFF1 via IFN γ up-regulation	Antonia	Voli
Mechanisms of <i>H. pylori</i> host adaptation	34	Regulation of CEACAM expression during Helicobacter pylori infection	Quynh	Nguyen
Mechanisms of <i>H. pylori</i> host adaptation	63	Defining the Role of Ribosome Silencing Factor S (RsfS) in planktonic and biofilm growth of Helicobacter pylori	Yasmine	Elshenawi
Mechanisms of <i>H. pylori</i> host adaptation	75	In depth characterization of antigen-specific CD8+ T cells recognizing <i>H. pylori</i> antigens	Leonard	Simeth
non-pylori Helicobacters	5	The Hippo pathway controls Cytolethal Distending Toxin-induced nuclear remodeling, DNA damage and increased polyploidy in intestinal epithelial cells	Armelle	Ménard
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Treatment and prevention of <i>H. pylori</i> and gastric cancer	10	Proprotein convertases inhibition as a new strategy to target Cancer Stem Cells properties in Gastric Cancer	TRA LY	NGUYEN
Treatment and prevention of <i>H. pylori</i> and gastric cancer	24	Mechanistic Studies on Helicobacter pylori Inosine-5'-monophosphate dehydrogenase (Hp IMPDH) using small molecules: A potential targeted therapy for the infection.	Sivapriya	Kirubakaran
Treatment and prevention of <i>H. pylori</i> and gastric cancer	26	Structural insights of Helicobacter pylori inosine-5'-monophosphate dehydrogenase: Validation of a new drug target	Vijay	Thiruvencatam
Treatment and prevention of <i>H. pylori</i> and gastric cancer	53	Helicobacter pylori dormant state: the role of vitamin C	Mara	Di Giulio
Treatment and prevention of <i>H. pylori</i> and gastric cancer	54	Identification of potentially new anti-infectives against <i>H. pylori</i> by repurposing FDA-approved drugs	Dietmar	Pfeiffer
Treatment and prevention of <i>H. pylori</i> and gastric cancer	77	Tackling Helicobacter pylori infection by a pre-clinical, prophylactic subunit vaccine	Verena	Friedrich