

Program

	Wednesday 3 rd	Thursday 4 th	Friday 5 th	Saturday 6 th
7.00		Breakfast	Breakfast	Breakfast
8.30		<u>Session 2</u> <i>Helicobacter-mucosa interactions</i> <i>Chair: Thomas Borén</i> <u>Keynote speaker:</u> Celso Reis (#37), Portugal <i>“The role of glycosylation in gastric carcinogenesis and tumour progression: insights into patient-derived organoids models”</i> <u>Talks:</u> Fischer (#35) Nguyen (#36)	<u>Session 6</u> <i>Immune response to Helicobacter infection</i> <i>Chair: Karen Krogfelt</i> <u>Keynote speakers:</u> Richard L. Ferrero, USA <i>“H. pylori host-adaptation: its impact on NOD1 signalling and bacterial persistence”</i> Ivo Boneca, France <i>“The role of peptidoglycan in host-microbe interactions: From disease to health and back”</i> <u>Talks:</u> Artola-Boran (#9) Petris (#32)	<u>Session 10</u> Open Discussions on 4 Hot Topics <u>AI in Science: Swat Analysis:</u> Christine Josenhans <u>Changes in approaches to <i>H. pylori</i> diagnostics and treatment:</u> Sebastian Suerbaum <u>Immunity and vaccination:</u> Thomas Borén <u>NA</u> Sara Lindén
10.00		Break	Break	Break
10.30		<u>Session 3</u> <i>Helicobacter epithelial cell interaction and gastric colonization</i> <i>Chair: Christine Josenhans</i> <u>Keynote speaker:</u> Sara Lindén, Sweden <i>“The mucus niche”</i> <u>Talks:</u> Voli (#15) Erhardson (#6) Walduck (#23) Santos (#12)	<u>Session 7</u> Vaccines, diagnostics, and therapeutics <i>Chair: Karen Ottemann</i> <u>Keynote speaker:</u> Thomas Borén (#22), Sweden <i>“Natural attachment-blocking antibodies and vaccine in protection against gastric disease and cancer”</i> <u>Talks:</u> Jeske (#21) Mibus (#34)	YOUNG SCIENTIST AWARDS <i>Chair: Anne Müller & Karen Krogfelt</i> CLOSING REMARKS Thomas Borén
12.00	Registration and poster set up	Lunch	Lunch	
13.00		Poster viewing	Poster viewing	
14.00		<u>Session 4</u> <i>Important virulence factors for Helicobacter infection</i> <i>Chair: Anne Müller</i> <u>Keynote speaker:</u> Karen Ottemann (#7), USA <i>“H. pylori flagella incorporate type IV pili proteins as a way to control motility responses”</i>	<u>Session 8</u> <i>Carcinogenesis and Helicobacters</i> <i>Chair: Sara Lindén</i> <u>Keynote speaker:</u> Markus Gerhard (#31), Germany <i>“Helicobacter pylori infection drives colon carcinogenesis depending on CagA”</i>	

		<u>Talks:</u> Metz (#27) Daw (#28) Ruffiot (#4)	Kobayashi (#30), Japan <i>"Oncogenesis and adaptation by H. pylori"</i>	
15.30	OPENING	Break	Break	
16.00	REMARKS Leif Andersen <i>Chair: Thomas Borén</i> <u>Opening lecture:</u> José Carlos Machado, Portugal <i>"Unraveling the Molecular Diversity of Gastric Cancer to Guide Clinical Decisions"</i>	<u>Session 5</u> Animal models of <i>H. pylori</i> infection <i>Chair: Sebastian Suerbaum</i> <u>Keynote speaker:</u> James G. Fox, USA <i>"Do Mouse models provide answers to Gastric, Esophageal and Oral Carcinogenesis"</i> <u>Talks:</u> Artem (#20) Thachenko (#18)	<u>Session 9</u> (Epi) Genetics and regulation <i>Chair: Susanne Enig</i> <u>Keynote speaker:</u> Sebastian Suerbaum, Germany <i>"Plastic genomes and methylomes in Helicobacter pylori: Evolutionary approaches informing functional studies"</i> <u>Talks:</u> Radicella (#8) Patel (#25) Gottschall (#26) Vannani (#16)	
16.15	Break			
16.30	<u>Session 1</u> Genetics and cancer <i>Chair: Leif Andersen</i> <u>Keynote speaker:</u> Anne Müller (#10), Schweiz <i>"In vivo CRISPR screening identifies novel genes involved in gastric carcinogenesis"</i> <u>Talks:</u> Martinelli (#13) Gonciarz (#14) Thorell (#19) Batsaikhan (#40)			
18.00	Dinner	Dinner	Dinner	
19.00	Poster session (with poster rounds)	Social Arrangement	Business meeting & Live music	