

The Emerging Parasites Research Laboratory of Associate Professor Serge Ankri. Infections by parasitic protozoans are largely neglected. With descriptions of the human microbiota, new frontiers of investigation are developing to decipher the complexity of host–parasite–bacteria relationships. Amebiasis, a worldwide intestinal parasitic disease, is due to *Entamoeba histolytica*. In endemic areas, mixed intestinal infections of *E. histolytica* and enteropathogenic *Escherichia coli* are common. Our laboratory has shown that *Escherichia coli* O55, protects the parasite against oxidative stress (OS) and induces transcriptome and redox-proteome changes in *E. histolytica*. Aiming to provide new strategies against amebiasis, we are studying the contribution to OS resistance and proficient intestinal colonization of *E. histolytica* and bacterial factors identified by omics.

Interested? Please look at our website (<http://sankri.net.technion.ac.il/>) and/or contact sankri@technion.ac.il

