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Dr. Anastasios Tsaousis is Lecturer of Molecular Parasitology at the School of Biosciences at the University of Kent and the main driver of the ResistAnce Pathogenicity and Infectious Diseases (RAPID) group. During his PhD studies, he sought to understand the purpose and diversity of mitochondria in microbial eukaryotes. For this reason, he joined the group of Prof. T. Martin Embley and Dr. Robert Hirt at the Newcastle University (UK). There, he studied the evolution and function of the mitochondrion-related organelles of microsporidia. As a postdoctoral researcher Dr. Tsaousis moved to Dalhousie University in Halifax, Nova Scotia (2008-2011), where he joined Prof. Andrew J. Roger's group. There, he was involved in several investigations on the characterization of mitochondrial pathways in anaerobic protists and how lateral gene transfer (LGT) affects their adaptation to their unique lifestyles. In 2012 he moved the Charles University in Prague, Czech Republic to join Prof. Jan Tachezy's group (as part of his Marie Curie fellowship), where he initiated several studies on the biochemistry and protein composition of mitochondria in anaerobic microbial parasites. Dr. Tsaousis is actively involved as executive member with the Protistology-UK society and the International Society for Evolutionary Protistology and have been actively involved in many annual meetings of the Microbiology Society. Since 2013, he has runs his own lab at the University of Kent. He has awarded major national grants on Blastocystis research, Dr. Tsaousis' research is focused on the investigations of the adaptations of microbial eukaryotic organisms, and their course in parasitic evolution and diversity. To accomplish this, his laboratory is combining detailed bioinformatics analyses of newly generated genomic/transcriptomic/metabolomic results with cell biological and biochemical methods to investigate the parasitic and free-living microbial eukaryotes living in diverse and extreme environments.