

Dr. Anastasios D. Tsaousis – Curriculum Vitae

CONTACT INFORMATION

Address: School of Biosciences, Ingram Building, Room 220, Giles Lane Canterbury, CT2 7NJ, Kent, UK

Emails: A.Tsaousis@kent.ac.uk / tsaousis.anastasios@gmail.com

Website: <https://www.adtsaousis.com>

University of Kent's website: <https://www.kent.ac.uk/biosciences/people/653/tsaousis-anastasios>

Linkedin: <https://www.linkedin.com/in/anastasios-tsaousis-74411111/>

Personal X (Twitter): @ADTsaousis

Official Lab's X (Twitter): @TsaousisLab

CURRENT POSITION

- 07/2020 – current **Reader in Molecular and Evolutionary Parasitology**
School of Biosciences, University of Kent
<https://www.kent.ac.uk/bio/profiles/staff/tsaousis.html>
www.adtsaousis.com
- 09/2019 – current **Visiting Professor in Molecular Parasitology**
The International Institute of Applied Science and Technology (IIAST) in Rangpur,
Bangladesh
<http://iiast.edu.bd/people/>
- 11/2019 – current **Visiting Associate Professor in Parasitology**
Medical School, University of Nicosia, Cyprus

WORK EXPERIENCE

- 07/2018 – 06/2020 **Senior Lecturer in Molecular and Evolutionary Parasitology**
School of Biosciences, University of Kent
- 07/2013 – 06/2018 **Lecturer in Molecular and Evolutionary Parasitology**
School of Biosciences, University of Kent
- 02/2013 – 06/2013 **Research Postdoctoral fellow**
Department of Soil Science, University of Saskatchewan, Canada
Title of project: “**Investigating the adaptations of microbial eukaryotes under different environments**”
- 02/2012 – 01/2013 **Marie Curie International Outgoing Fellow**
Laboratory of Molecular and Biochemical Parasitology, Department of Parasitology,
Faculty of Science, Charles University, Prague, Czech Republic
Title of project: “**Blastocystis MLO: Evolution and Function**”
- 01/2008 – 01/2012 **Research Postdoctoral fellow**
Centre for Comparative Genomics and Evolutionary Bioinformatics
Department of Biochemistry and Molecular Biology, Faculty of Medicine,
Dalhousie University, Halifax, Canada
Title of project: “**Function and evolution of mitochondrial-derived organelles and aspects of genome evolution in anaerobic eukaryotes**”

OTHER DUTIES AND POSITIONS OF RESPONSIBILITY

- 19/2023 – current: **Director of Graduate Studies (Taught MSc) and Recruitment officer of PG courses** of the School of Biosciences, University of Kent
- 11/2022 – current: **Action Chair of the *Blastocystis* under One Health COST Action (CA21105)**
<https://www.cost.eu/actions/CA21105/>
- 01/2022 – current: **External examiner** for the PGCert / PGDip / MSc Infectious Diseases (University of London Worldwide) at London School of Hygiene and Tropical Medicine
- 02/2021 – current: **Mentor for NIHR** under the umbrella of ARC KSS
Applied Research Collaboration of Kent, Surrey and Sussex
- 09/2020 – current: **External examiner** for the Bioscience Programmes at the University of the West of Scotland
- 09/2018 – 09/2022: **Examinations Officer** of the School of Biosciences, University of Kent
- 07/2016 – current: **Co-ordinator of the ResistAnce Pathogenicity & Infectious Diseases (RAPID) group** at the School of Biosciences, University of Kent
- 03/2017 – 09/2018: **Director of MSc by Research studies** at the School of Biosciences, University of Kent
- 10/2014 – 09/2018: **Outreach officer** at the School of Biosciences, University of Kent
Organised 5 large events including events during the 2016 and 2017 Canterbury Festival (29/10/2016 & 26/10/2017)
- 01/2014 – 08/2018: **Biological & GM Officer** at the School of Biosciences, University of Kent

EDUCATION

- 10/2013 – 11/2015 **Post Graduate Certificate of Higher Education (PGCHE)**
University of Kent
- 09/2004 – 11/2007 **PhD in Molecular Cell Evolution**
School of Biology, Newcastle University
Title of project: “**Evolution and function of the microsporidian mitosome**”
Supervisors: Prof. T. Martin Embley and Prof. Robert P. Hirt
- 09/1999 – 07/2003 **Ptychio in Biology (BSc degree)**
Department of Biology, University of Crete
Average grade of 7.33 out of 10 (equivalent: Upper 2:1 class honours degree)

EXTERNAL FUNDING

- BBSRC/MRC IAA (2024 – 2025):** Amount of Award: 12,000 GBP, Collaborative project with Inspro ltd.
- Moore Foundation – Aquatic Symbiosis initiative (2024 - 2026):** Amount of Award: 280,000 USD – CoI - Collaborative project with Dr. Sonja Ruckert (PI) and Prof. Christopher Lane
- Business Innovation Voucher GK&M (2024 – 2025):** Amount of Award: 59,890 GBP
Collaborative project with Inspro ltd.
- Skretting (2023 – 2026):** Amount of Award: 126,000 GBP
- EU- COST – One Health *Blastocystis* (2022 – 2026):** Amount of Award: 516,000 EUR
- Innovative UK – Technology Strategy Board (2022 – 2024):** Amount of Award: 74,054 GBP – PI - Collaborative project with Dr. Robert Barker and Re-Generation Earth (Lead).
- Moore Foundation – Aquatic Symbiosis initiative (2020 - 2024):** Amount of Award: 350,000 USD – CoI - Collaborative project with Dr. Sonja Ruckert (PI) and Prof. Christopher Lane

COVID-19 Kent Health grant (2020): Amount of Award: 2,930 GBP
COVID-19 Kent GCRF Emergency Response Fund (2020): Amount of Award: 4,750 GBP
The Houghton Trust (2019 – 2021); Amount of Award: 9,375 GBP
Global Challenges Doctoral Centre PhD scholarship (2020 – 2024); Amount of award: 78,750 GBP
British Council South East Asia Award (2019 – 2020); Amount of Award: 4,950 GBP - Collaborative project with Md. Shahiduzzaman, Bangladesh Agricultural University.
Interreg-2-Seas – Health 4 Dairy Cows (2019 – 2022); Amount of Award: 3.7 M EUR; 1.37 M EUR at the University of Kent
Kent Health PhD studentship (2019 – 2022); Amount of Award: £57,000
Moore Foundation – Marine Microbiology Initiative (2017 – 2020); Amount of Award: 340,843 USD
Biochemical Society Travel Award (2016): visit Mae Fah Luang University in Thailand: 1,590 GBP
Gates Foundation Grand Challenges Explorations (2016 –2018): Amount of Award: 100,000 USD.
BBSRC NIBB (2016 -2017): Amount of Award: 97,987 GBP
Microbiology Society – Harry Smith vacation studentship (2016): Amount of Award: 1,880 GBP
Moore Foundation – Marine Microbiology Initiative (2015 – 2016); Amount of Award: 147,287 USD
BBSRC New investigator Grant (2015 – 2018); Amount of Award: 530,747.76 GBP
BBSRC Proof of Concept Funds – HVCfP network (2015 – 2016); Amount of Award: 49,917 GBP - Collaborative project with Rothamsted Research Centre
Royal Society International Exchange Scheme 2015/R1 (2015 – 2017); Amount of Award: 12,800 GBP – Collaborative project with Prof. Joel Dacks, University of Alberta
Royal Society Research Grant (2014 – 2015); Amount of Award: 14,700 GBP
Biochemical Society – Outreach Grant (2015 – 2016); Amount of Award: 1,000 GBP
Biochemical Society - Eric Reid Methodology Fund (2014 -2015); Amount of Award: 1,200 GBP
Marie Curie International Outgoing fellowship (2010 – 2013); Amount of Award: 193,476 EUR
EMBO Postdoctoral Long-term Fellowship (2009); Amount of Award: 39,000 CAD

AWARDS

2022 Hutner Achievement Award from the [International Society of Protistology](#)

PUBLICATIONS (H-INDEX 26; I10-INDEX: 43; CITATIONS: 2674)

* Corresponding author; underlined are trainees from Tsaousis Lab

71. Newton J.M., Edwards W. S., Thompson G., Strutt M., Shepherd M., Gentekaki, E., **Tsaousis. A.D.*** *Blastocystis* and gut microbiome relationships in patients with gastrointestinal diseases in UK. *Front. Microbiol.* Under review
70. Newton J.M., Edwards W. S., Thompson G., Gentekaki, E., **Tsaousis. A.D.***, Impact of Antibiotic Consumption on *Blastocystis* Persistence and Gut Microbiome-Metabolome Dynamics in Irritable Bowel Syndrome. *J Med Microbiol.*, under review
69. Buchanan R., Matechou E., Katzer F., **Tsaousis A.D.**, Farre M., Global Prevalence of *Cryptosporidium* Infections in Cattle and *C. parvum* genotype distribution: A Meta-Analysis. *Curr Res Parasitol Vector Borne Dis.* Under review
68. **Tsaousis A.D.***, Gentekaki E., Stensvold C.R. (2024) Advancing research on *Blastocystis* through a One Health approach. *Open Res Eur.* 2024 Jul 12;4:145. doi: 10.12688/openreseurope.18046.1.
67. Deng l., Yin H., Tan K.S. **Tsaousis A.D.**, (2024) Editorial: Zoonotic Diseases: Epidemiology, Multi-omics, and Host-pathogen Interaction. *Front. Microbiol. Sec. Infectious Agents and Disease.* Vol. 15 - 2024 | doi: 10.3389/fmicb.2024.1454659
66. Maxamhud S., Reghaissia N., Laatamna A., Gentekaki E., **Tsaousis A.D.*** One Health approach to study transmission dynamics of microbial parasites in Algeria. *Parasitology.* Accepted
65. Medrouh B., Abdelli A., Belkessa S., Ouinten Y., Brahimi M, Hakem A., Kernif T., Singer S.M., Ziam H., **Tsaousis A.D.**, Jokelainen P., Savini G., Pasolli E. (2024) Seroprevalence and risk factors of bluetongue

- virus in domestic cattle, sheep, goats and camels in Africa: a systematic review and meta-analysis. *Vet Q.* 2024 Dec;44(1):1-12. doi: 10.1080/01652176.2024.2396118.
64. Jinatham V., Yowang A., Stensvold C.R., Michalopoulou E., Vichasilp T., Suwannahitatorn P., Popluechai S., **Tsaousis A.D.**, Gentekaki E. (2024) *Blastocystis* colonization and associations with population parameters in Thai adults. *PLoS Negl Trop Dis.* 2024 Jul 9;18(7):e0012292. doi: 10.1371/journal.pntd.0012292.
 63. McKinley K., **Tsaousis A.D.**, Rückert S. (2024) Description and prevalence of gregarines infecting the amphipod *Gammarus pulex*, in the Water of Leith, Scotland, UK. *Eur J Protistol.* 2024 Jun;94:126084. doi: 10.1016/j.ejop.2024.126084.
 62. Suleiman, A.J., Mavrides, D.E., Maxamhud, S. Gentekaki E., **Tsaousis A.D.*** Presence of *Cryptosporidium parvum* in pre-washed vegetables from different supermarkets in South East England: A pilot study. *Parasitol Res* 123, 230 (2024). <https://doi.org/10.1007/s00436-024-08250-w>
 61. Maxamhud S., Shahiduzzaman M., Amin A.R.M.B., Hossain M.Z., Gentekaki E., **Tsaousis A.D.*** (2024) A pilot study of intestinal protist detection in humans, animals, and the environment in a slum area in Mymensingh, Bangladesh. *Parasitol Int.* 2024 Sep 11;104:102967. doi: 10.1016/j.parint.2024.102967
 60. Mavrides, D.E., Liapi, M., Ierodiakonou, D., Pipis, C., Malas, S., Gentekaki, E., & **Tsaousis, A.D.*** (2024). The Cow Gutbiome CY Study: Investigating the Composition of the Cattle Gut microBIOME in Health and Infectious Disease Transmission in Cyprus. Preprints. <https://doi.org/10.20944/preprints202401.0993.v1>
 59. Aykur M., Malatyali E., Demirel F., Cömert-Koçak B., Gentekaki E, **Tsaousis A.D.**, Dogruman-Al F. (2024) *Blastocystis*: A Mysterious Member of the Gut Microbiome. *Microorganisms.* 2024; 12(3):461. <https://doi.org/10.3390/microorganisms12030461> (Impact factor: **4.926**; cited by **11** articles)
 58. Roblin, M., Canniere, E., Barbier, A., Daandels, Y., Dellevoet-Groenewegen, M., Pinto, P., **Tsaousis, A.D.** and Leruste, H., Brainard, J., & Follet, J. (2023), Study of the Economic Impact of Cryptosporidiosis in Calves after Implementing Good Practices to Manage the Disease on Dairy Farms in Belgium, France, and the Netherlands. *Curr Res Parasitol Vector Borne Dis.* 2023 Oct 10;4:100149. doi: 10.1016/j.crpvbd.2023.100149. (cited by **9** articles)
 57. Chengan, K., Hind, C., Nagappa, L., Wand, M. E., Hanson, T., Martín-Escolano R., **Tsaousis, A.D.**, Bengoechea, J.A., Sutton, J.M., Smales, C.M., Moore, S.J., (2023) A cell-free strategy for profiling intracellular antibiotic sensitivity and resistance. *NPJ Antimicrob Resist* 1, 16 (2023). <https://doi.org/10.1038/s44259-023-00018-z> (cited by **1** article)
 56. Záhonová K., Low R., Warren C.J., Cantoni D. M., Herman E.K., Yiangou Y., Ribeiro C.A., Phanprasert Y., Brown I.R., Rueckert S., Baker N.L., Tachezy J., Betts E.L., Gentekaki E., van der Giezen M., Clark C.G., Jackson A.P., Dacks J.B. and **Tsaousis A.D.*** (2023) Evolutionary cell biological analysis of *Proteromonas* reveals the path to cellular reduction and anaerobicity in the hyper-prevalent gut microbe *Blastocystis*. *Current Biology*, Vol: 33, 12, Page: 2449-2464.e8. <https://doi.org/10.1016/j.cub.2023.05.025> (Impact factor: **10.9**; cited by **6** articles)
 55. Hoque, S., Pinto P., Azevedo-Ribeiro C., Canniere E., Dellevoet M., Bourgeois A., Daandels Y., Hammouma, O., Gentekaki E., Kvac M., Follet J., and **Tsaousis, A.D.*** (2023) Follow-up investigation into *Cryptosporidium* prevalence and transmission in Western European dairy farms *Vet Parasitol.* 2023 Jun;318:109920. doi: 10.1016/j.vetpar.2023.109920. (Impact factor: **2.821**; cited by **3** articles)
 54. McCain A., Grunec L., Popluechai C., **Tsaousis A.D.*** and Gentekaki E. (2023) Circulation and colonisation of *Blastocystis* subtypes in schoolchildren of various ethnicities in rural northern Thailand. *Epidemiology & Infection*, 151, E77. doi:10.1017/S0950268823000596 (Impact factor: **4.434**; cited by **8** article)
 53. Maxamhud S., Reghaissia N., Laatamna A., Samari H., Remdani N., Gentekaki E., **Tsaousis A.D.*** Molecular Identification of *Cryptosporidium* spp., and *Giardia duodenalis* in Dromedary Camels (*Camelus dromedarius*) from the Algerian Sahara. *Parasitologia.* 2023; 3(2):151-159. <https://doi.org/10.3390/parasitologia3020016> (Impact factor: **1.6**; cited by **4** articles)
 52. Jinatham V., Wandee T., Nonebudsri C., Popluechai C., **Tsaousis A.D.** and Gentekaki E. (2023) *Blastocystis* in raw vegetables from street markets in northern Thailand. *Parasitol Res* 2023 Apr;122(4):1027-1031. doi: 10.1007/s00436-023-07781-y. (Impact factor: **2.383**; cited by **12** articles)

51. Maloney J.G., Molokin A., Seguí R., Maravilla P., Martínez-Hernández F., Villalobos G., **Tsaousis A.D.**, Gentekaki E., Muñoz-Antolí C., Klisiowicz D.R., Oishi C.Y., Toledo R., Esteban J.G., Köster P.C., de Lucio A., Dashti A., Bailo B., Calero-Bernal R., González-Barrio D., Carmena D., and Santín M. (2022) Identification and molecular characterization of four new *Blastocystis* subtypes designated ST35-ST38. *Microorganisms*. 2023, 11, 46. (Impact factor: **4.926**; cited by **51** articles)
50. Martín-Escolano R., Ng G.C., Tan K. S. W., Gentekaki E., and **Tsaousis A.D.*** (2022) *Blastocystis* resistance in chlorine and hydrogen peroxide. *Parasitol Res*. 2023 Jan;122(1):167-176. doi: 10.1007/s00436-022-07713-2. (Impact factor: **2.383**; cited by **12** articles)
49. Henriquez F., Rueckert S., **Tsaousis A.D.** (2022) Protists on the sport: opening the field of view on Protistology. *Microbiology Today*, October 2022 issue.
48. Mckinlay K., Betts E.L., **Tsaousis A.D.**, Rueckert S. (2022) Gregarine apicomplexans – model organisms to uncover the evolutionary path to obligate intracellular parasitism? *Microbiology Today*, October 2022 issue.
47. Jinatham V., Nonebudsri C., Wandee T., Popluechai S., **Tsaousis A.D.**, Gentekaki E. (2022) *Blastocystis* in tap water of a community in northern Thailand. *Parasitol Int*. 2022 Dec;91:102624. doi: 10.1016/j.parint.2022.102624. (Impact factor: **2.106**; cited by **20** articles)
46. Reghaissia N, Maxamhud S., Laatamna A, Samari H, Dahmane A, Berima R, Abdelli A, Hakem A, Baroudi D, **Tsaousis A.D.** (2022) First Epidemiological Report on the Prevalence and Associated Risk Factors of *Cryptosporidium* spp. in Farmed Marine and Wild Freshwater Fish in Central and Eastern of Algeria. *Acta Parasitol*. 2022 Sep;67(3):1152-1161. doi: 10.1007/s11686-022-00560-2. (Impact factor: **1.534**; cited by **8** articles)
45. Martín-Escolano J., Marín C., Rosales M., **Tsaousis, A. D.**, Medina-Carmona E., and Martín-Escolano, R. (2022) Shifting View of the Life Cycle of *Trypanosoma cruzi*: a Challenge for an Effective Treatment. *ACS Infectious Diseases*, Jun 10;8(6):1107-1115. (Impact factor: **5.578**; cited by **60** articles)
44. Cantoni D.M., Osborne A., Taib N. Thompson G. S., Escolano R.M., Kazana E., Edrich E., Brown I. R., Gribaldo S., Gourlay C.W. and **Tsaousis A.D.*** (2022), Localization and functional characterisation of Alternative Oxidase in *Naegleria*. *J Eukaryot Microbiol*. 2022 Jul;69(4):e12908. doi: 10.1111/jeu.12908. (Impact factor: **3.346**; cited by **5** articles)
43. Hoque S., Mavrides D., Pinto P., Costas, S., Begum N., Azevedo-Ribeiro C., Liapi M., Malas S., Kvac M., Gentekaki E. and **Tsaousis A. D.***, (2022) High occurrence of zoonotic subtypes of *Cryptosporidium parvum* in Cypriot dairy farms. *Microorganisms* 2022, 10, 531. Doi: 10.3390/microorganisms10030531 (Impact factor: **4.926**; cited by **12** articles)
42. Escolano R.M., Yiangou L., Kazana E., Robinson G., Michaelis M., and **Tsaousis A.D.*** (2021) Repurposing in vitro approaches for screening anti-parasitic drugs against the brain-eating amoeba *Naegleria fowleri*. *Int J Parasitol Drugs Drug Resist*. 2021 Dec;17:204-212. doi: 10.1016/j.ijpddr.2021.10.003. Epub 2021 Nov 25. (Impact factor: **4.077**)
41. Pinto P., Hoque, S., Azevedo-Ribeiro C., Wuylsteke I., Canniere E., Dellevoet M., Bourgeois A., Leruste H., Roblin M., Windal F., Deweer C., Robinson G., Daandels Y., Kvac M., Follet J., and **Tsaousis, A.D.*** (2021) Cross-border investigations on the prevalence and transmission dynamics of *Cryptosporidium* species in dairy cattle farms in western mainland Europe. *Microorganisms*. 2021 Nov 20;9(11):2394. doi: 10.3390/microorganisms9112394 (Impact factor: **4.926**; cited by **25** articles)
40. Betts E.L., Newton J. M., Thompson G.S., Sarzahanov F., Jinatham V., Kim M.-J., Popluechai S., Dogruman-Al F., Won E.J., Gentekaki E.* and **Tsaousis A. D.*** (2021) Metabolic fluctuations in the human stool obtained from *Blastocystis* carriers and non-carriers. *Metabolites*. 2021 Dec 17;11(12):883. doi: 10.3390/metabo11120883. (Impact factor: **4.932**; cited by **7** articles)
39. Jinatham V., Maxamhud S., Popluechai S., **Tsaousis A. D.***, and Gentekaki E.* (2021) *Blastocystis* One Health approach in a rural community of northern Thailand: prevalence, subtypes and novel transmission routes. *Front Microbiol*. 2021 Dec 9;12:746340. doi: 10.3389/fmicb.2021.746340. (Impact factor: **4.19**; cited by **59** articles)
38. Jinatham V., Cantoni D. M., Phanprasert Y., Vichaslip T., Suwannahitatorn P., Popluechai S., **Tsaousis A. D.***, and Gentekaki E.* (2021) *Prototheca bovis*, a unicellular achlorophyllous trebouxiophyte green alga in

- the healthy human intestine. *J Med Microbiol.* 2021 Sep;70(9). doi: 10.1099/jmm.0.001415 (Impact factor: **2.156**; cited by **9** articles)
37. **Tsaousis A. D.***, Gentekaki E., Stensvold C. R., Tan K.S.W., Dogruman-Al F., and Kurt O., (2021) TrendsTalk: The 3rd International *Blastocystis* Conference: coming together virtually. *Trends in Parasitology*. doi.org/10.1016/j.pt.2021.07.002 (Impact factor: **9.014**)
36. **Newton J. M., Betts E.L., Yiangou L., Ortega-Roldan J., Tsaousis A.D.*** and Thompson G.S.* (2021) Establishing a metabolite extraction method to study the metabolome of *Blastocystis*. *Molecules*. 26, no. 11: 3285. <https://doi.org/10.3390/molecules26113285> (Impact factor: **4.411**; cited by **5** articles)
35. **Betts E. L., Hoque S., Torbe L., Baily J.L., Ryan H. Toller K., Breakell V., Carpenter A.I., Diana A., Matechou E., Gentekaki E., and Tsaousis A. D.*** (2021) Parasites, Drugs and Captivity: *Blastocystis*-microbiome associations in captive water voles. *Biology*, 2021; 10(6):457. <https://doi.org/10.3390/biology10060457> (Impact factor: **5.079**; cited by **6** articles)
34. Herman E.K., Greninger A., van der Giezen M., Ginger M.L., Ramirez-Macias I., Miller H.C., Morgan M.J., **Tsaousis A.D.**, Velle K., Vargová R., Rodrigo Najle S., MacIntyre G., Muller N., Wittwer M., Zysset-Burri D.C., Elias M., Slamovits C., Weirauch M., Fritz-Laylin L., Marciano-Cabral F., Puzon G.J., Walsh T., Chiu C. and Dacks J.B. (2021), Genomics and transcriptomics yields a system-level view of the biology of the pathogen *Naegleria fowleri*. *BMC Biol* 19, 142 (2021). <https://doi.org/10.1186/s12915-021-01078-1> (Impact factor: **7.431**; cited by **30** articles)
33. Rueckert S., Henriquez F., Bass D., and **Tsaousis A.D.**, (2021) The increase in global aquaculture and the associated protists: opportunities and threats. *Microbiology Today*. May 2021
32. **Pyrih J., Pánek T., Cimrhanzlová K., Rašková V., Kriegová E., Tsaousis A.D., Eliáš M., Lukeš J.**, (2021) Vestiges of the Bacterial Signal Recognition Particle-Based Protein Targeting in Mitochondria. *Molecular Biology and Evolution*, Volume 38, Issue 8, August 2021, Pages 3170–3187, <https://doi.org/10.1093/molbev/msab090> (Impact factor: **16.240**; cited by **11** articles)
31. Horváthová, L., Žárský, V., Pánek, T., Derelle, R., **Pyrih, J.**, Motyčková, A., Klápšťová, V., Klimeš, V., Petrů, M., Vaitová, Z., Čepička, I., Harant, K., Gray, M., Guilvout, I., Francetic, O., Lang, B., Vlček, Č, **Tsaousis, A. D.**, Eliáš, M. and Doležal, P. (2021). 1diverse eukaryotes suggests the existence of an ancestral mitochondrial apparatus derived from the bacterial type II secretion system. *Nature Communications*. 12, 2947. <https://doi.org/10.1038/s41467-021-23046-7> (Impact factor: **14.919**; cited by **9** articles)
30. Mirzaee Baftia, S., Anga, C.S., Hossain, M. M., Marcelli, G., Alemany-Fornes M., and **Tsaousis, A.D.**, (2021) A crowdsourcing semi-automatic image segmentation platform in cell biology. *Computers in biology and Medicine*. 130, 104204 (Impact factor: **3.434**; cited by **10** articles)
29. Faktorová, D., Nisbet, E., Fernández Robledo, J., Casacuberta, E., Sudek, L., Allen, A., Ares Jr., M., Aresté, C., Balestreri, C., Barbrook, A., Beardslee, P., Bender, S., Booth, D., Bouget, F., Bowler, C., Breglia, S., Broellocks, A., Brownlee, C., Burger, G., Cerutti, H., Cesaroni, R., Chiurillo, M., Clemente, T., Coles, D., Collier, J., Cooney, L., Coyne, K., Docampo, R., Dupont, C., Edgcomb, V., Einarsson, E., Elustondo, P., Federici, F., Freire-Benítez, V., Freyria, N., Fukuda, K., García, P., Girguis, P., Gomaa, F., Gornik, S., Guo, J., Hampl, V., Hanawa, Y., Haro-Contreras, E., Hehenberger, E., Highfield, A., Hirakawa, Y., Hopes, A., Howe, C., Hu, I., Ibañez, J., Irwin, N., Ishii, Y., Janowicz, N., Jones, A., Kachale, A., Fujimura-Kamada, K., Kaur, B., Kaye, J., **Kazana, E.**, Keeling, P., King, N., Klobutcher, L., Lander, N., Lassidi, I., Li, Z., Lin, S., Lozano, J., Luan, F., Maruyama, S., Matute, T., Miceli, C., Minagawa, J., Moosburner, M., Najle, S., Nanjappa, D., Nimmo, I., Noble, L., Novák Vanclová, A., Nowacki, M., Nuñez, I., Pain, A., Piersanti, A., Pucciarelli, S., Pyrih, J., Rest, J., Rius, M., Robertson, D., Ruaud, A., Ruiz-Trillo, I., Sigg, M., Silver, P., Slamovits, C., Swart, E., Smith, G., Sprecher, B., Stern, R., von der Haar, T., Tsylin, L., Turkewitz, A., Turnšek, J., Valach, M., Vergé, V., von Dassow, P., **Tsaousis, A. D.**, Waller, R., Wang, L., Wen, X., Wheeler, G., Woods, A., Zhang, H., Mock, T., Worden, A. and Lukeš, J. (2020). Genetic tool development in marine protists: Emerging model organisms for experimental cell biology. *Nature Methods*. 17, 481–494 (Impact factor: **23.030**; cited by **137** articles)
28. **Betts E. L., Gentekaki E., Tsaousis A. D.*** (2020) Exploring Micro-Eukaryotic Diversity in the Gut: Co-occurrence of *Blastocystis* Subtypes and Other Protists in Zoo Animals. *Frontiers in Microbiology*. Vol 11. <https://doi.org/10.3389/fmicb.2020.00288> (Impact factor: **4.19**; cited by **43** articles)

27. **Tsaousis, A. D.*** (2019) On the origin of Fe/S cluster biosynthesis in eukaryotes. *Frontiers in Microbiology*. doi:10.3389/fmicb.2019.02478 (Impact factor: **4.19**; cited by **56** articles)
26. Rueckert S, Betts E.L., **Tsaousis A. D.*** (2019) The Symbiotic Spectrum: Where Do the Gregarines Fit? *Trends Parasitol.* Sep;35(9):687-694. doi:10.1016/j.pt.2019.06.013. (Impact factor: **9.014**; cited by **90** articles)
25. Miller C. N., Panagos H., Mosedale W.R.T., Kvac M., Howard M. J. and **Tsaousis A. D.*** (2019) NMR metabolomics reveals effects of *Cryptosporidium* infections on host cell metabolome *Gut Pathog* April 3; 11:13. (Impact factor: **3.405**; cited by **20** articles)
24. Robertson, L.J., Clark C.G., Debenham J.J., Dubey, J.P., Kvač, M., Lig, J., Ponce-Gordo F., Ryan, U., Schares G., Suk, C., **Tsaousis, A.D.**, (2019) Are molecular tools clarifying or confusing our understanding of the public health threat from zoonotic enteric protozoa in wildlife? . *Int J Parasitol. Parasites & Wildlife*. <https://doi.org/10.1016/j.ijppaw.2019.01.010>. (Impact factor: **1.923**; cited by **51** articles)
23. Li F. J., **Tsaousis A. D.**, Purton T. J., Chow V. T. K., He C. Y., Tan K. S. W. (2019), Successful Genetic Transfection of the Colonic Protistan Parasite *Blastocystis* for Reliable Expression of Ectopic Genes. *Scientific Reports.* Feb 28;9(1):3159. doi: 10.1038/s41598-019-39094-5. (Impact factor: **3.998**; cited by **5** articles)
22. Jossé L. J., Bones A. J., Purton T. J., Michaelis M., and **Tsaousis A. D.*** (2019) A Cell Culture Platform for the Cultivation of *Cryptosporidium*. *Current Protocols in Microbiology.* Feb 8:e80. doi: 10.1002/cpmc.80. (Impact factor: **0.740**; cited by **13** articles)
21. Bones A. J., Jossé L. J., More C., Miller C. N., Michaelis M., and **Tsaousis A. D.*** (2019) Past and future trends of *Cryptosporidium in vitro* research, *Experimental Parasitology.* Jan;196:28 -37. doi: 10.1016/j.exppara.2018.12.001. Epub 2018 Dec 3. Review. (Impact factor: **0.740**; cited by **73** articles) *Most Downloaded paper of the Journal. Cover issue for February 2019*
20. **Tsaousis A.D.**, Hamblin K.A., Elliot C.R., Young L., Rosell-Hidalgo A., Gourlay C., Moore A.L., & van der Giezen M., (2018) The human gut colonizer *Blastocystis* respire using Complex II and alternative oxidase to buffer transient oxygen fluctuations in the gut. *Front Cell Infect Microbiol – Parasite and Host.* 2018 Oct 22;8:371. doi.org/10.3389/fcimb.2018.00371 (Impact factor: **4.300**; cited by **32** articles)
19. Miller C. N., Josse L. J., and **Tsaousis A. D.*** (2018) Localization of Fe-S biosynthesis machinery in *Cryptosporidium parvum* mitosome, *J Eukaryot Microbiol.* 2018 Jun 22. doi: 10.1111/jeu.12663. (Impact factor: **2.143**; cited by **21** articles)
18. Yowang A., **Tsaousis A. D.**, Chumphonsuk T., Thongsin N., Kullawong N., Popluechai S., Gentekaki E. (2018) High diversity and variable geographic distribution of *Blastocystis* subtypes isolated from adults living in Thailand. *Infect Genet Evol.* 2018 Aug 15;65:270-275. doi: 10.1016/j.meegid.2018.08.010. (Impact factor: **2.611**; cited by **28** articles)
17. Herman E. K., Yiangou L., Cantoni D. M., Miller C. N., Marciano-Carbal F., Anthonyrajah E., Dacks J. B., **Tsaousis A. D.***, (2018) Identification and characterisation of the cryptic Golgi Apparatus in *Naegleria gruberi*. *J Cell Sci.* 2018 Apr 9;131(7). (Impact factor: **4.573**; cited by **12** articles)
16. Betts E. L., Gentekaki E., Thomasz A., Breakell V., Carpenter A., **Tsaousis A. D.*** (2018) Genetic diversity of *Blastocystis* in non-primate animals. *Parasitology*, 1-7. doi:10.1017/S0031182017002347 (Impact factor: **2.783**; cited by **78** articles)
15. Miller C. N., Josse L. J., Brown I., Blakeman, B. J. F., and Povey J. F., Price M., Cinatl J., Xue W-F., Michaelis M., and **Tsaousis A. D.***, (2018) A cell culture platform for *Cryptosporidium* that enables long-term cultivation and new tools for the systematic investigation of its biology. *Int J Parasitol.* 2018 Mar;48(3-4):197-201. doi: 10.1016/j.ijpara.2017.10.001. (Impact factor: **3.530**; cited by **54** articles) F1000 recommendation: <https://f1000.com/prime/732205523>
14. Rueckert S., **Tsaousis A. D.**, (2017) Conference: Report of the 2017 *Protistology-UK* Spring Meeting, *European Journal of Protistology*, 61, 307 – 310
13. Gentekaki, E., Curtis, B.A., Stairs, C.W., Klimeš, V., Eliáš, M., Salas-Leiva, D.E., Herman, E.K., Eme, L., Arias, M.C., Henrissat, B. Hilliou, F., Klute, M.J., Suga, H., Malik, S.B., Pightling, W.W., Kolisko, M.,

- Rachubinski, R.A., Schlacht, A., Soanes, D.M., **Tsaousis, A. D.**, Archibald, J.M., Ball, S.G., Dacks, J.B., Clark, C.G., van der Giezen, M., Roger A.J. (2017) Extreme genome diversity in the hyper-prevalent parasitic eukaryote *Blastocystis*. *PLoS Biol*, 15(9):e2003769. doi: 10.1371/journal.pbio.2003769 (Impact factor: **7.076**; cited by **122** articles)
12. Saintas E, Abrahams L, Ahmad GT, Ajakaiye AM, AlHumaidi AS, Ashmore-Harris C, Clark I, Dura UK, Fixmer CN, Ike-Morris C, Mato Prado M, Mccullough D, Mishra S, Schöler KM, Timur H, Williamson MD, Alatsatianos M, Bahsoun B, Blackburn E, Hogwood CE, Lithgow PE, Rowe M, Yiangou L, Rothweiler F, Cinatl J Jr, Zehner R, Baines AJ, Garrett MD, Gourlay CW, Griffin DK, Gullick WJ, Hargreaves E, Howard MJ, Lloyd DR, Rossman JS, Smales CM, **Tsaousis A.D.**, von der Haar T, Wass MN, Michaelis M. Acquired resistance to oxaliplatin is not directly associated with increased resistance to DNA damage in SK-N-ASrOXALI4000, a newly established oxaliplatin-resistant sub-line of the neuroblastoma cell line SK-N-AS. *PLoS One*. 2017 Feb 13;12(2) (Impact factor: **2.87**; cited by **13** articles)
 11. Richardson E., Zerr K, **Tsaousis A.D.**, Dorrell R.G., & Dacks J.B., (2015) Evolutionary cell biology: functional insight from "endless forms most beautiful. *Mol Biol Cell*. 2015 Dec 15;26(25):4532-8 (Impact factor: **3.512**; cited by **19** articles)
 10. **Tsaousis A.D.***, Nývltová E., Sutak, R., Hrdy, I., & Tachezy J. (2014) A non-mitochondrial hydrogen production of *Naegleria gruberi*. *Gen Biol Evol* 6(4), 792-799 (Impact factor: **3.462**; cited by **40** articles)
 9. **Tsaousis A.D.***, Gentekaki E., Eme L., Gaston D. & Roger A.J. (2014) Evolutionary relationships and origin of the Cytosolic Iron-Sulphur Assembly (CIA) machinery in eukaryotes. *Eukaryotic Cell*, 13(1): 143-53 (Impact factor: **3.586**; cited by **73** articles)
 8. **Tsaousis A. D.***, Ollagnier-de Choudens S., Gentekaki E., Long S., Gaston D., Stechmann A., Vinella D., Py B., Fontecave M., Barras F., Lukeš J., & Roger A. J., (2012) Evolution of Fe-S cluster biogenesis in the anaerobic parasite *Blastocystis*, *Proc Natl Acad Sci USA* 109(26):10426-31 (Impact factor: **9.412**; cited by **84** articles)
 7. **Tsaousis, A. D.***, Gaston D., Stechmann A., Walker P. B., Lithgow T. & Roger A. J. (2011) A Functional Tom70 in the Human Parasite *Blastocystis* sp.: Implications for the Evolution of the Mitochondrial Import Apparatus, *Mol Biol Evol* 28(1):781-91 (Impact factor: **11.062**; cited by **39** articles)
 6. Long S, Changmai P, **Tsaousis A. D.**, Skalický T, Verner Z, Wen YZ, Roger AJ, Lukeš J. Stage-specific requirement for Isa1 and Isa2 proteins in the mitochondrion of *Trypanosoma brucei* and heterologous rescue by human and *Blastocystis* orthologues. *Mol Microbiol*. 2011 Sep;81(6):1403-18. doi:10.1111/j.1365-2958.2011.07769.x. (Impact factor: **3.8**; cited by **45** articles)
 5. Hjort, K., Goldberg, A.V., **Tsaousis, A. D.**, Hirt, R.P., and Embley, T.M. (2010). Diversity and reductive evolution of mitochondria among microbial eukaryotes. *Philos Trans R Soc Lond B Biol Sci* 365, 713-727 (Impact factor: **6.23**; cited by **201** articles)
 4. Gaston D., **Tsaousis A. D.**, & Roger A. J. (2009) Predicting proteomes of mitochondria and related organelles from genomic and expressed sequence tag data, *Methods in Enzymol*, 457: 21-41 (Impact factor: **2.19**; cited by **48** articles)
 3. **Tsaousis, A. D.**, Kunji E. R. S., Goldberg, A. V., Lucocq J. M., Hirt, R. P. & Embley T. M. (2008) A novel route for ATP acquisition by the remnant mitochondria of *Encephalitozoon cuniculi*, *Nature* 453: 553-556 (Impact factor: **42.778**; cited by **287** articles)
Faculty of 1000 Biology: evaluations for Tsaousis AD et al *Nature* 2008 May 22 453 (7194) :553-6
<http://www.f1000biology.com/article/id/1108432/evaluation> - Factor **8.0** - **Exceptional**
 2. Goldberg, A. V., Molik, S., **Tsaousis, A. D.**, Kuhnke, G., Delbac, F., Vivares, C., Hirt, R. P., Lill, R. & Embley T. M. (2008) Localisation and functionality of microsporidian iron-sulphur cluster assembly proteins, *Nature* 452: 624-628 (Impact factor: **42.778**; cited by **272** articles)
 1. **Tsaousis, A. D.**, Martin, D. P., Ladoukakis, E. D., Posada, D. & Zouros, E. (2005) Widespread Recombination in Published Animal mtDNA Sequences, *Mol Biol Evol* 22: 925-933 (Impact factor: **11.062**; cited by **206** articles)

Book chapters

7. Shaw D., **Tsaousis A.D.***, (2024) Blastocystomics. In *Parasitomics*. Ramirez-Gonzales J.D. (Ed) Springer
6. Pinto P., Azevedo-Ribeiro C., Kvac M., **Tsaousis A.D.*** (2022) *Cryptosporidium*. In *Life Cycle of Pathogenic Protozoa. Volume I: Human parasites*. de Souza W (Ed) Springer
5. **Tsaousis A. D.*** Betts E. L., McCain A., Newton J. M., Jinatham V., Gentekaki E. (2020) Exploring the biology and evolution of *Blastocystis* and its role in the microbiome. In *Eukaryome Impact on Human Intestine Homeostasis and Mucosal Immunology*. Guillen N. (Ed) Springer.
4. **Tsaousis A. D.***, Yarlett N., Tan K. S. W., (2019) The Mitochondrion-Related Organelles of *Blastocystis*. In *Microbiology Monographs: Hydrogenosomes and Mitosomes: Mitochondria of Anaerobic Eukaryotes*. Tachezy J. (Ed), Springer.
3. **Tsaousis A. D.***, Keithly J. S., (2019) The Mitochondrion-Related Organelles of *Cryptosporidium* species. In *Microbiology Monographs: Hydrogenosomes and Mitosomes: Mitochondria of Anaerobic Eukaryotes*. Tachezy J. (Ed), Springer.
2. **Tsaousis A. D.**, Leger M. M., Stairs C. W., Roger A. J., (2011) The biochemical adaptations of mitochondrion-related organelles of parasitic and free-living microbial eukaryotes to low oxygen environment. In *Anoxia: Paleontological Strategies and Evidence for Eukaryote Survival*. Series: Cellular Origins, Life in Extreme Habitats and Astrobiology. Altenbach A., Bernhard J., Seckbach J. (Eds.), Springer.
1. **Tsaousis, A. D.**, Stechmann A., Pérez-Brocal V., Hamblin K. A., van der Giezen M., and Clark C. G. (2010) The *Blastocystis* mitochondrion-like organelles, In *Anaerobic Parasitic Protozoa: Genomics and Molecular Biology*. Clark, C.G., Adam R.D., and Johnson P.J. (Eds). Horizon Scientific Press.

In preparation

1. Newton J.M., Dalby M., Gentekaki, E., Hall., L.J., **Tsaousis. A.D.***, *Blastocystis* colonisation patterns in Cambodia neonatal children. Target Journal: *Microbiome*
2. Pinto P., Azevedo-Ribeiro C., Bourgeois A., Leruste H., Roblin M., Windal F., Deweer C., Kvac M., Follet J., and **Tsaousis, A.D.*** Effect of *Cryptosporidium* infection in the gut microbiome and metabolome of dairy cows. Target Journal: *Nature Microbiology* or *Animal Microbiome*
3. Egan R.M., Crack J.C., Le Brun N., von der Haar T., **Tsaousis A.D.***, The non-canonical sulphur formation factor SufCB from *Blastocystis* functionally replaces Cfd1 in baker's yeast. Target Journal: *Nature Communications*

REVIEWER

GRANTS:

Panel of experts for the H2020-MSCA-IF-2016, H2020-MSCA-IF-2017, H2020-MSCA-IF-2018 and H2020-MSCA-IF-2019

BBSRC - Biotechnology and Biological Sciences Research Council (UK)

EPSRC - Engineering and Physical Sciences Research Council (UK)

MRC – Medical Research Council (UK)

Newton Funds (UK)

Leverhulme Grants (UK)

Wellcome Trust (UK)

Human Frontier Science Program Organization Grants (USA)

National Science Center (Poland)

Czech Science Foundation (Czech Republic)

Swiss National Science Foundation (Switzerland)

MANUSCRIPTS:

Acta Tropica, *African Journal of Microbiology Research*, *BMC Evolutionary Biology*, *Canadian Journal of Microbiology*, *Environmental Microbiology and Environmental Microbiology Reports*, *European Journal of*

Protistology, Experimental Parasitology, Genes, Frontiers in Microbiology, Frontiers in Plant Science, Folia Parasitologica, Genes, Infectious Agents and Cancer, International Journal for Parasitology, Journal of Invertebrate Pathology, Journal of Molecular Biology, Molecular Biochemical Parasitology, Molecular Biology and Evolution, Molecular Microbiology, Nature Communications, Parasites & Vectors, Parasitology, Parasitology International, PLoS Neglected Tropical Diseases, PLoS One, PLoS Pathogens, Protist, Scientific Reports, Veterinary Parasitology

Review editor:

Frontiers in Evolutionary and Genomic Microbiology
Frontiers in Microbiome in Health and Disease
Frontiers in Parasite and Host
Frontiers in Parasitology

Special issue associate editor:

"Evolution and Genetic Diversity of Gut Protozoan Parasites" in *Microorganisms*
"Blastocystis in Health and Disease" in *Biology*
"Putting *Blastocystis* on the Spot: Examining the Biology, Ecology and Epidemiology of a Controversial Gut Microbe" in *Frontiers in Cellular and Infection Microbiology – Parasite and Host*
"Molecular Cellular Parasitology" in *Frontiers in Parasitology*

INVITED SPEAKER (37 SINCE 2008)

Invited speaker: "**Epidemiology of *Cryptosporidium* under a One Health Approach**", Cyprus International University, N. Cyprus, 26th of June 2024

Plenary speaker: "**Prevalence and *Cryptosporidium*-microbiome interactions under One Health**", *Cryptosporidium* & Giardia meeting, Algeria 16th of October 2023

Invited speaker: "**Zoonotic Enteric Parasites under a One Health Approach**", Webinar Series on Prioritized Zoonotic Diseases in Somalia 2023, Somali One Health Centre, Abrar University, Somalia, 13th of September 2023

Invited speaker: "***Blastocystis* under One Health: from genome to biology, to microbiome**", The Hebrew University of Jerusalem, Herzl, Israel, 3rd of July 2023

Invited speaker: "***Blastocystis* under One Health: What we do and don't know?**" University of Stavanger, Stavanger, Norway, 22nd of June 2023

Invited speaker: "**Putting *Blastocystis* on the Spot: Examining the biology and epidemiology of a prevalent but controversial gut parasite**" East Kent Hospitals University NHS Foundation Trust, K&M Regional Infection CPD, 12th of December 2022

Invited speaker: "**Exploring the biology and evolution of *Blastocystis* and its role in the microbiome**", Eukaryome meeting, Paris, France, 16th – 19th of October 2019

Invited speaker: "**Past, current and future trends of *Cryptosporidium* in vitro research**", Royal Veterinary College, London, UK, 9th of October 2019

Invited speaker: "**New tools for exploring *Cryptosporidium* biology**" 2019 Annual Meeting of Microbiology Society, Microbial Dark Matter session, Belfast, Ireland, 8th -11th of April 2019

Invited speaker: "**Developing genetic manipulation platforms for *Naegleria gruberi***" 2019 Annual Meeting of Microbiology Society, Marine Microbiology session, Belfast, Ireland, 8th -11th of April 2019

Invited speaker: "**Past, current and future trends of *Cryptosporidium* in vitro research**". London School of Hygiene and Tropical Medicine, London, 21st of March 2019

Invited speaker: "**New culturing platforms to explore *Cryptosporidium* biology**" Advances in *Cryptosporidium* Research meeting and Workshop, Cummings School of Veterinary Medicine, Tufts University, 29th of November to 1st December 2018

Keynote speaker: “**Establishing the building blocks of *Blastocystis* research: from genome to microbiome**” International Congress of Parasitology (ICOPA2018), Exco, Daegu, Korea, 19th -24th of August 2018

Invited speaker: “**New tools to understand *Cryptosporidium* biology**”, BBSRC sponsored meeting: Organoid Cultures And Other In Vitro Systems To Study Host-Pathogen Interactions, Moredun Research Institute, Edinburgh, UK, 23rd of January 2018

Invited speaker: “**New tools to understand *Cryptosporidium* biology**”, EMBO meeting on Anaerobic protists: Integrating parasitology with mucosal microbiota and immunology, Newcastle Upon Tyne, UK, 31st of August to 3rd September 2017

Invited speaker: “**Establishing *Naegleria gruberi*'s toolkit for investigating eukaryotic cell biology**”, 2017 Annual Meeting of the Microbiology Society, Edinburgh, Scotland, UK, 3rd -6th of April 2017

Invited speaker: “**The SUF machinery in microbial eukaryotes and its relation to mitochondria**”, 115th International Titisee Conference, Titisee, Germany, 29th of March to 2nd of April 2017

Invited seminar speaker: “***Cryptosporidium*: new insights and old challenges**”, University of Cambridge, Cambridge, UK, January 18th, 2017

Invited seminar speaker: “**Investigations on the distribution and biochemical adaptations of microbial parasites**”, University of Alberta, Edmonton, Canada, 14th of November 2016

Invited seminar speaker: “**Parasites without out borders: Establishing new methods for battling Infectious Diseases**”, Mae Fah Luang University, Chiang Rai, Thailand, 15th of September 2016

Invited seminar speaker: “**Laying the foundations of a new era of *Cryptosporidium* research**”, University of Manchester, Manchester, UK, 24th of June 2016

Invited seminar speaker: “**Tackling cryptosporidiosis: entering a new era of research**”, University of Greenwich, Kent, UK, 14th of October 2015

Invited seminar speaker: “**Laying the foundations of a new era of *Cryptosporidium* research**”, University of Alberta, Edmonton, Canada, 25th of September 2015

Invited seminar speaker: “**How mitochondria have influenced the evolution of the eukaryotic cell?**” Bern University, Bern, Switzerland, 29th of June 2015

Invited speaker: “**Raising questions on the evolution of Fe-S cluster assembly machineries in microbial eukaryotes**” IUBMB Symposium FeS 2015 - Iron Sulfur Cluster Biogenesis and Regulation - Bergamo, Italy, 23rd - 26th of June 2015

Invited speaker: “**Fe-S cluster biosynthesis and Fe-S cluster proteins in an ancient eukaryote**” Iron-sulfur cluster proteins meeting, MRC National Institute for Medical Research, Mill Hill London, 24th of March 2015

Oral presentation: “**Function of mitochondrial-related organelles in microbial eukaryotes: assembling one of the most complicated puzzles**” Annual Conference of the Society of General Microbiology, Birmingham, UK, 29th March - 2nd April, 2015

Presentation: “**In search for the *raison d'être* of mitochondria and related organelles**” Nottingham University, School of Biology, UK, 12th of March, 2013

Seminar: “**Identifying the true roles of mitochondria through investigations in microbial eukaryotes**” Oxford University, Department of Zoology, UK, 16th of November 2012

Presentation: “**Reconstruction of the proteome of the mitochondrion-related organelle of *Blastocystis* sp.**” EMBO fellows meeting, Heidelberg, Germany, 16th - 19th of June 2011

Seminar: “**The anaerobic biochemical adaptations of *Blastocystis* sp and its mitochondrion**”, Department of Biology, University of Ottawa, Canada, 06th of January 2011

Presentation: “**The biochemical adaptations of the mitochondrion-related organelle of *Blastocystis* sp.**”, EMBO fellows meeting, Salk Institute, La Jolla, San Diego, USA, 5th - 7th of November, 2010

Special lecture: “**Insights on the function of the mitochondrion-related organelle of *Blastocystis* sp.**” Department of Biomedical Chemistry, The University of Tokyo, Tokyo, Japan, 16th of July, 2010

Seminar: “**The Mysterious Organelle of *Blastocystis* sp.: Implications for the Evolution of Mitochondria**”, Department of Biochemistry and Molecular Biology, Dalhousie University, Halifax, NS, 27th of May, 2010

Presentation: “**Characterization of *Blastocystis* organellar proteins in the mitochondrion of *T. brucei***”, Mitochondrion of *Trypanosoma brucei* enters the post – proteomic era, Trest, Czech Republic 27th – 30th of September 2009

Lecture: “**Evolution and function of microsporidian mitosome**”, Department of Parasitology, Charles University, Prague, Czech Republic, 14th of October 2008

Lecture: “**Evolution and function of mitochondrial-like organelles**”, Department of Molecular Biology, University of South Bohemia, České Budějovice, Czech Republic, 07th of October 2008

Presentation: “**The microsporidian mitosome is an energy parasite**”, CIFAR - Integrated Microbial Biodiversity Program, Carling Lake Resort, Quebec, Canada, 7th – 9th of May 2008

ABSTRACTS PRESENTED IN CONFERENCES (32 as first author/presenter)

*Personally delivered at conference; underlined trainees from Tsaousis Lab.

78. **Tsaousis, A.D.***, Multi-Omics: The future of *Blastocystis* research. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
77. Newton, J.M., Edwards, W.J.S., Thompson, T., Strutt, M., Shepherd, M., Gentekaki, R., **Tsaousis, A.D.***, The Impact of *Blastocystis* on the Gut Microbiome in IBS Patients: Insights from Case Studies. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
76. Shaw, D., Burford, C., McNeill, A., Shah, A., **Tsaousis, A.D.**, *Blastocystis*: Its Role in Gastrointestinal Health and Post-Cholecystectomy Colonisation. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
75. Shaw, D., Edwards, W.J.S., Thompson, G.S., **Tsaousis A.D.**, Metagenomics, metabolomics and transcriptomics as a tool to better understand the role of *Blastocystis* in the gastrointestinal environment. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
74. Mavrides, D., Maxamhud, S., Jamo Suleiman, S., Gentekaki, E., **Tsaousis A.D.**, Presence of *Blastocystis* in pre-washed vegetables from a supermarket in South East England. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
73. Salman Al-Adilee, Y.M., Gentekaki, E., Shather, M.M., Kalef, D.A., **Tsaousis A.D.**, Investigating parasitic diseases in Iraq under One Health Perspective. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
72. Salman Al-Adilee, Y.M., Reghaissia N., Laatamna A.K., Gentekaki, E., **Tsaousis A.D.**, Cross-Species detection of select intestinal Pathogenic Parasites Under One Health Approach in Algeria. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
71. Záhonová K., Low R., Warren C.J., Cantoni D. M., Herman E.K., Yiangou Y., Ribeiro C.A., Phanprasert Y., Brown I.R., Rueckert S., Baker N.L., Tachezy J., Betts E.L., Gentekaki E., van der Giezen M., Clark C.G., Jackson A.P., Dacks J.B. and **Tsaousis A.D.*** (2023) Evolutionary cell biological analysis of *Proteromonas* reveals the path to cellular reduction and anaerobicity in the hyper-prevalent gut microbe *Blastocystis*. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
70. Ozturk, E.A., Majid-Salman Y., Gentekaki, E., **Tsaousis, A.D.**, Dogruman-Al, F., Molecular Characterization of *Blastocystis* from Human, Animal And Environmental Samples from Turkiye. 4th International *Blastocystis* Conference, Heraklion, Crete, Greece, 17th – 19th September, 2024.
69. **Tsaousis, A.D.***, *Blastocystis* under One Health. ECOP-ISOP 2023. Vienna, Austria, 9th – 14th July, 2023.
68. Pinto, P., Low R., Follet, J., Kváč M., and **Tsaousis, A.D.***, Establishing a multi-omics approach to study *Cryptosporidium parvum* in calves. ECOP-ISOP 2023. Vienna, Austria, 9th – 14th July, 2023.
67. **Tsaousis, A.D.***, *Blastocystis* under One Health. Microbiome One Health. Glasgow, Scotland, 23th – 24th March, 2023.

66. Hoque, S., Pinto, P., Ribeiro, C.A., Robinson, G., Canniere, E., Daandels, Y., Dellevoet, M., Roemen, J., Bourgeois, A., Hammouma, O., Follet, J., Kvač M., and **Tsaousis, A.D.***, Investigating the 2019-2021 prevalence of *Cryptosporidium* spp. across European dairy farms. ICOPA2022. Copenhagen, Denmark, 22nd – 26th August, 2022.
65. Jinatham V., McCain A., Maxamhud S., Escolano R.M., Popluechai S., **Tsaousis, A.D.***, and Gentekaki E., *Blastocystis* under an One Health umbrella. ICOPA2022. Copenhagen, Denmark, 22nd – 26th August, 2022.
64. Hoque, S., Pinto, P., Ribeiro, C.A., Robinson, G., Canniere, E., Daandels, Y., Dellevoet, M., Roemen, J., Bourgeois, A., Hammouma, O., Follet, J., Kvač M., and **Tsaousis, A.D.**, Investigating the 2019-2021 prevalence of *Cryptosporidium* spp. across European dairy farms. What's new on *Cryptosporidium* conference. Swansea, Wales, 04th – 05th July 2022.
63. Jinatham V., McCain A., Maxamhud S., Escolano R.M., Popluechai S., **Tsaousis A.D.***, and Gentekaki E., *Blastocystis* under an One Health umbrella. 2022 Annual Meeting of Microbiology Society. Belfast, 04th – 7th April, 2022.
62. S. Maxamhud, N. Reghaissia, K. A. Laatamna and **Tsaousis A.D.**, Investigating the transmission dynamics of diarrhoeal-causing parasites in Algeria. 2022 Annual Meeting of Microbiology Society. Belfast, 04th – 7th April, 2022.
61. Betts E. L., Hoque S., Torbe L., Baily J.L., Ryan H. Toller K., Breakell V., Carpenter A.I., Diana A., Matechou E., Gentekaki E., and **Tsaousis A. D.** Investigation into community-level differences in the bacterial microbiota in water voles with *Blastocystis* colonisation. ISOP2021 online meeting. 26th – 30th of July, 2021.
60. Pinto, P., Ribeiro, C.A., Hoque, S., Robinson, G., Canniere, E., Daandels, Y., Dellevoet, M., Roemen, J., Bourgeois, A., Hammouma, O., Follet, J., and **Tsaousis, A.D.***, Prevalence of *Cryptosporidium* species in dairy cows' farms from the Netherlands, Belgium and France. IWOP 2020/2021 Online conference. 15th – 17th June, 2021.
59. Hoque, S., Pinto, P., Ribeiro, C.A., Robinson, G., Canniere, E., Daandels, Y., Dellevoet, M., Roemen, J., Bourgeois, A., Hammouma, O., Follet, J., Kvač M., and **Tsaousis, A.D.**, Investigating the 2019-2021 prevalence of *Cryptosporidium* spp. across European dairy farms IWOP 2020/2021 Online conference. 15th – 17th June, 2021.
58. Jinatham V., Popluechai S., **Tsaousis A.D.** Gentekaki E., *Blastocystis* transmission dynamics in a rural community of northern Thailand. 3rd International virtual *Blastocystis* conference. 2nd – 4th of June 2021.
57. McCain A., Popluechai S., Tsaousis A.D. Gentekaki E., Prevalence and distribution of *Blastocystis* in schoolchildren from a rural area in northern Thailand and association with anthropometric factors. 3rd International virtual *Blastocystis* conference. 2nd – 4th of June 2021.
56. Newton J. M., Betts E.L., Thompson G.S., Sarzahanov F., Jinatham V., Kim M.-J., Popluechai S., Dogruman-Al F., Won E.J., Gentekaki E. and **Tsaousis A. D.** Investigating the metabolic fluctuations of the human gut during *Blastocystis* infection. 3rd International virtual *Blastocystis* conference. 2nd – 4th of June 2021.
55. Betts E. L., Hoque S., Torbe L., Baily J.L., Ryan H. Toller K., Breakell V., Carpenter A.I., Diana A., Matechou E., Gentekaki E., and **Tsaousis A. D.** Investigation into community-level differences in the bacterial microbiota in water voles with *Blastocystis* colonisation. 3rd International virtual *Blastocystis* conference. 2nd – 4th of June 2021.
54. Pinto, P., Ribeiro, C.A., Hoque, S., Robinson, G., Canniere, E., Daandels, Y., Dellevoet, M., Roemen, J., Bourgeois, A., Hammouma, O., Follet, J., Kvač M., and **Tsaousis, A.D.**, Prevalence of *Cryptosporidium* species in dairy cows' farms from the Netherlands, Belgium and France. 2021 Annual Meeting of Microbiology Society. 26th – 30th April, 2021.
53. Ribeiro, C. A., Pinto, P., Vlandas A., Wuytsteke I., Canniere E., Dellevoet M., Bourgeois A., Leruste H., Roblin M., Windal F., Benhabiles H., Hammouma O., Deweer C., Robinson G., Smales C.M., Daandels Y., Tyler K., Hunter P., Follet J. & **Tsaousis, A.D.** Health for Dairy Cows (H4DC) Project: Tackling cryptosporidiosis in dairy farms. 2020 Annual Meeting of Microbiology Society. [Online](#) due to COVID-19 cancellation.

52. J. Pyrih, T. Pánek, K. Cimrhanzlová, V. Rašková, E. Kriegová, **A. D. Tsaousis**, M. Eliáš and J. Lukeš, Mitochondria of some protist lineages have retained the bacterial signal peptide recognition particle-based protein targeting machinery. VIII European Congress of Protistology (ECOP), Rome, Italy, 28th July – 2nd August, 2019
51. E.L. Betts, E. Gentekaki, A.I. Carpenter, A. Harland and **A.D. Tsaousis**. Prevalence of intestinal protists among captive animals in wildlife parks across Kent, 2019 Annual Meeting of Microbiology Society, Belfast, Ireland, 8th – 11th April, 2019
50. L. Yiangou and **A.D. Tsaousis**. Exploring the anaerobic adaptations of the mitochondrion-related organelles of *Blastocystis*. ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May – 1st June, 2018
49. C. J. Warren, L. Yiangou, R. Low, A. Jackson and **A.D. Tsaousis**. Investigating the Mitochondrial Adaptations of *Proteromonas lacertae*, ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May – 1st June, 2018
48. E.L. Betts, E. Gentekaki, A.I. Carpenter, A. Harland and **A.D. Tsaousis**. Prevalence of intestinal protists among captive animals in wildlife parks across Kent, ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May – 1st June, 2018
47. E. Kazana, L. Yiangou, J. Pyrih, V. Freire-Beneitez, D.M. Cantoni, C.N. Miller, E. Herman, A. Buscaino, T. von der Haar, J.B. Dacks and **A.D. Tsaousis**. *Naegleria gruberi* as new model for investigating the evolution and cell biology of eukaryotes, ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May – 1st June, 2018
46. S. Rueckert and **A.D. Tsaousis**, Gregarines: parasites, commensals or even mutualists? ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May – 1st June, 2018
45. V. Jinatham, A. Yowang, A. McCain, T. Chumphonsuk, N. Thongsin, N. Kullawong, **A.D. Tsaousis**, S. Popluechai and E. Gentekaki. Diversity and prevalence of *Blastocystis* in asymptomatic volunteers living in Chiang Rai Province, Thailand, ISEP2018, Droushia Heights, Pafos, Cyprus, 27th May - 1st June, 2018
44. J. Pyrih, L. Yiangou, V. Freire-Beneitez, C. N. Miller, E. Herman, A. Buscaino, T. von der Haar, J. B. Dacks and **A. D. Tsaousis***. A new model for investigating the evolution and cell biology of eukaryotes: the case of *Naegleria gruberi*, Annual Meeting of the Microbiology Society, Birmingham, UK, 10th – 13th, April, 2018
43. C.N. Miller, L. Josse, A.J. Bones, W.R.T. Mosedale, I. Brown, M. Howard, M. Michaelis and **A.D. Tsaousis***, Developing new tools for investigating host-parasite interactions in *Cryptosporidium* spp., Host-Parasite Interactions: From Molecules to Ecosystems, The Banff Centre, Banff, Alberta, Canada, 21st – 24th September 2017
42. J. Pyrih, **A.D. Tsaousis**, P. Doležal and Julius Lukeš, Targeting of mitochondrial-encoded proteins into inner mitochondrial membrane of *Naegleria gruberi*., 28th Annual Molecular Parasitology meeting, MBL, Woods Hole, MA, USA, 10th – 14th September, 2017
41. C.N. Miller, L. Josse, A.J. Bones, W.R.T. Mosedale, I. Brown, M. Howard, M. Michaelis and **A.D. Tsaousis***, A new long-term cell culturing system for *Cryptosporidium* and new tools for investigating its parasitic life style., 15th International Congress of Protistology (ICOP 2017), Prague, Czech Republic, 30th July – 4th August, 2017
40. E.L. Betts, E. Gentekaki, A. Thomasz, V. Breakell, A. I. Carpenter, **A.D. Tsaousis**, Occurrence of *Blastocystis* among Woodland animals in a Wildlife park., 15th International Congress of Protistology (ICOP 2017), Prague, Czech Republic, 30th July – 4th August, 2017
39. L. Yiangou, E.K. Herman, C.N. Miller, E. Anthonyrajah, J.B. Dacks, **A.D. Tsaousis**, *Naegleria gruberi*: The journey of discovering the Golgi almighty. 15th International Congress of Protistology (ICOP 2017), Prague, Czech Republic, 30th July – 4th August, 2017
38. L. Yiangou, M. Michaelis and **A.D. Tsaousis**, Establishing a novel drug discovery platform for the identification of anti-microbial compounds against the “brain-eating amoeba”., 15th International Congress of Protistology (ICOP 2017), Prague, Czech Republic, 30th July – 4th August, 2017

37. C.N. Miller, L.J. Josse, I. R. Brown, M. Michaelis and A. D Tsaousis*, A new long-term cell culturing system for *Cryptosporidium* and new tools for investigating its cell biology., 6th International *Giardia & Cryptosporidium* Conference, Havana, Cuba. April 26th – 28th, 2017
36. C.N. Miller, C. Panagos, M. Kvac, M.J. Howard and A. D. Tsaousis*, The metabolic changes of the host-pathogen environment in a *Cryptosporidium* infection., 6th International *Giardia & Cryptosporidium* Conference, Havana, Cuba. April 26th – 28th, 2017
35. C. More, L. Josse, L.Yiangou, E. Saintas, M. Michealis and A.D. Tsaousis, Establishing the first *Cryptosporidium* drug screening using the culturing platform, Annual Meeting of the Microbiology Society, Edinburgh, Scotland, UK, April 3rd – April 6th, 2017
34. L. Yiangou, M. Michaelis and A.D. Tsaousis, Establishing a novel drug discovery platform for the identification of anti-microbial compounds against the “brain-eating amoeba”., Annual Meeting of the Microbiology Society, Edinburgh, Scotland, UK, April 3rd – April 6th, 2017
33. A.J. Bones, L. Josse, C.N. Miller, M. Michaelis and A.D. Tsaousis, *In vitro* cell culturing of *Cryptosporidium parvum*., Annual Meeting of the Microbiology Society, Edinburgh, Scotland, UK, April 3rd – April 6th, 2017
32. E.L. Betts, E. Gentekaki, V. Breakell, A. I. Carpenter and A.D. Tsaousis, Occurrence of *Blastocystis* sp. among woodland animals in a wildlife park., Annual Meeting of the Microbiology Society, Edinburgh, Scotland, UK, April 3rd – April 6th, 2017
31. C.N. Miller, L.J. Jossé, I. Brown, L. Yiangou, B. Blakeman, J. Povey, M. Rowe, W-F. Xue, M. Howard, M. Michaelis, M.N. Wass, E.J. Hargreaves and A.D. Tsaousis, Expanding production time of mammalian cell cultures for biotechnological applications, BioProNet meeting, Nottingham, October 19th – 20th, 2016
30. L. T. Williams, E. Gentekaki, D. Lynn, M.N. Wass and A. D. Tsaousis*, Overview of the whole spectrum of mitochondrial diversity within the ciliate lineage, Protist 2016 meeting, Moscow, Russia, 6th – 9th June 2016
29. C. N. Miller, I. Brown, M. Howard, M. Michaelis and A. D. Tsaousis, Establishing *Cryptosporidium* as a model for studying the biology and evolution of apicomplexans and unique organelles, Protist 2016 meeting, Moscow, Russia, 6th – 9th June 2016
28. C. N. Miller, I. Brown, B. J. F. Blakeman, J. F. Povey, M. Price, J. Cinatl, W-F. Xue, M. Michaelis, and A. D. Tsaousis* (2016) A new long-term cell culturing system for *Cryptosporidium*. BSP Spring meeting 2016, London – From science to Solutions: optimising control of parasitic diseases, London, UK, 11th – 14th April, 2016
27. C. N. Miller, I. Brown, L. Yiangou, M. Michaelis and A.D. Tsaousis, Investigating the cell biology of *Cryptosporidium parvum* infection, Annual Conference of the Society of General Microbiology, Birmingham, UK, 29th March – 2nd April, 2015
26. A.D. Tsaousis*, C.N. Miller, E. Nývltová, C. Chiu, A.L. Greninge, J.B. Dacks, Jan Tachezy, M. and van der Giezen, Mitochondriomics in *Naegleria* species, Protist 2014 meeting, Banff, Alberta, Canada. 2nd – 8th August, 2014
25. L. Yiangou, M. Michaelis and A.D. Tsaousis*, Establishing a novel drug discovery platform for the identification of anti-microbial compounds against the “brain-eating amoeba”, Protist 2014 meeting, Banff, Alberta, Canada 2nd – 8th August, 2014
24. A. D. Tsaousis*, E. Nývltová, I. Hrdy and J. Tachezy, Anaerobic adaptations of the mitochondria in *Naegleria gruberi*. ICAP V, Los Angeles, USA, 6th – 9th September, 2012
23. E. Nývltová, P. Rada, A.D. Tsaousis, I. Hrdý and Jan Tachezy, Diversity of FeS cluster machinery in parasitic protists. ICAP V, Los Angeles, USA, 6th – 9th September, 2012
22. A. D. Tsaousis*, E. Gentakaki, E. Nývltová, G. C. Stevens, I. Hrdy, A. J. Roger and J. Tachezy, The anaerobic adaptations of *Blastocystis* mitochondrion-related organelles and the evolution of mitochondria. Protist 2012 meeting, Oslo, Norway, 29th July – 3rd August, 2012 - **Holz-Conner Travel Grant Award 2012**

21. **A. D. Tsaousis***, E. Gentekaki, D. Gaston and A. J. Roger, Adaptations of the Cytosolic Iron/Sulfur cluster Assembly machinery in the microbial eukaryotes. Protist 2012 meeting, Oslo, Norway, 29th July – 3rd August, 2012
20. **A. D. Tsaousis***, E. Nývltová, I. Hrdy and J. Tachezy, Anaerobic adaptations of the mitochondria in *Naegleria gruberi*. Protist 2012 meeting, Oslo, Norway, 29th July – 3rd August, 2012
19. E. Gentekaki, L. Eme, B. Curtis, **A. D. Tsaousis**, J. Archibald and A. J. Roger, *Blastocystis* sp. Nand II strain: an evolutionary mosaic or a deeply divergent organism? Protist 2012 meeting, Oslo, Norway, 29th July – 3rd August, 2012
18. **A. D. Tsaousis***, E. Gentekaki, S. Ollagnier-de Choudens, S. Long, B. Py, A. Stechmann, D. Gaston, M. Fontecave, F. Barras, J. Lukeš, and A. J. Roger, Fe-S cluster biogenesis in *Blastocystis* is accomplished by a mitochondrion-derived ISC machinery and a cytosolic SUF system acquired by lateral gene transfer from anaerobic prokaryotes. 6th International Conference on Biogenesis of iron sulphur proteins and regulatory functions, Cambridge, UK, 22nd – 25th August, 2011
17. **A. D. Tsaousis*** and A. J. Roger. Reconstruction of the proteome of the mitochondrial-related organelles of *Blastocystis* adds a fundamental piece to the puzzle of the metabolic plasticity of mitochondria. EMBO fellows meeting, Heidelberg, Germany, 16th – 19th June, 2011
16. **A. D. Tsaousis***, E. Gentekaki, D. Gaston and A. J. Roger. The biochemical adaptations of the mitochondrion-related organelle of *Blastocystis* sp. EMBO fellows meeting, Salk Institute, La Jolla, San Diego, USA, 5th – 7th November, 2010
15. **A. D. Tsaousis*** and A. J. Roger. “The unique mitochondrion related organelle of *Blastocystis*” 21st Annual Molecular Parasitology meeting, MBL, Woods Hole, MA, USA, 12th – 16th September, 2010
14. **A. D. Tsaousis*** and A. J. Roger. “Insights on the function of the mitochondrion-related organelle of *Blastocystis* sp.” ISEP XVIII meeting, Kanazawa, Japan, 2nd – 7th July, 2010
13. G. C. Stevens, **A. D. Tsaousis*** and A. J. Roger. “Strategies of pyruvate decarboxylation of the mitochondrion-related organelle of *Blastocystis* sp.” ISEP XVIII meeting, Kanazawa, Japan, 2nd – 7th July, 2010
12. **A. D. Tsaousis***, A. Stechmann, D. Gaston, P. B. Walker, T. Lithgow and A. J. Roger. “A functional TOM70 in *Blastocystis* and related stramenopiles suggests it was part of the ancestral core mitochondrial protein import apparatus” Leopoldina symposium Molecular Genetics of Chloroplasts and Mitochondria” Berlin, Germany, 20th – 23rd September, 2009
11. **A. D. Tsaousis***, A. Stechmann, D. Gaston, P. B. Walker, T. Perley, C. A. W. Stairs and A. J. Roger. “The unique mitochondrion related organelle of *Blastocystis*”, XIII International Congress of Protistology, Armação dos Búzios, Rio de Janeiro, Brazil, 23th – 28th August, 2009. **Walter Colli Prize 2009**
10. C. A. W. Stairs, **A. D. Tsaousis** and A. J. Roger. “Unique subcellular localization of mitochondrial proteins in the mitochondrion related organelle of *Mastigamoeba balamuthi*”. CIFAR - Integrated Microbial Biodiversity Program, California, 17th – 20th June 2009
9. **A. D. Tsaousis***, A. Stechmann and A. J. Roger. “The Fe/S biosynthetic pathways of *Blastocystis* sp.”, Protist2008, Halifax, Nova Scotia, Canada, 21st – 26th July, 2008
8. P. B. Walker, **A. D. Tsaousis** and A. J. Roger. “A unique feature of the mitochondrial protein import machinery in *Blastocystis*”, Protist2008, Halifax, Nova Scotia, Canada, 21st – 26th July, 2008
7. **A. D. Tsaousis***, A.V. Goldberg-Cavalieri, R.P. Hirt, E.R.S Kunji, J. M. Lucocq and T.M. Embley. “A novel route for ATP acquisition by the remnant mitochondria of *Encephalitozoon cuniculi*”, Protist2008, Halifax, Nova Scotia, Canada, 21st – 26th July, 2008
6. **A. D. Tsaousis***, A.V. Goldberg-Cavalieri, R.P. Hirt, E.R.S Kunji and T.M. Embley. “Studies on the Microsporidian Mitosome”. Society of Molecular Biology and Evolution Conference – SMBE 2007, Halifax, Nova Scotia, Canada, 24th – 28th June 2007
5. **A. D. Tsaousis***. “Studies on the Microsporidian Mitosome” FEBS Advanced course: Mitochondria in Life, Death and Disease, 25th – 29th April 2007. **YTF award**

4. **A. D. Tsaousis***, A.V. Goldberg-Cavaliere, R.P. Hirt and T.M. Embley. “Studies on the Microsporidian Mitosome”. 11th International Congress of Parasitology – ICOPA XI, Glasgow, Scotland, UK. 6th – 11th August 2006
3. **A. Tsaousis***, I. Theologidis, E. Ladoukakis and E. Zouros. “Mosaic molecules in *Mytilus galloprovincialis* males”. The 25th annual conference of the Hellenic Society for Biological Sciences. Lesbos, Greece, 29th May – 1st June 2003
2. I. Theologidis, **A. Tsaousis**, E. Ladoukakis and E. Zouros. “Female *Mytilus galloprovincialis* contain only pure F-type mtDNA molecules”. The 25th annual conference of the Hellenic Society for Biological Sciences. Lesbos, Greece, 29th May – 1st June 2003
1. **A. Tsaousis***, A. Hadjisavvas, I. Zouvani, M. Vasiliou, G. Kalakoutis, M. Televantos, A. Adamou and K. Kyriakou. “Study of P53 with immunohistochemistry and Molecular Biology in Breast and Ovarian Cancer”. 1st Multidisciplinary Anticancer Congress”. Athens, Greece. 20th – 23rd March 2003

TEACHING

2024 – current:	Module convenor for PG practical module on “Molecular Biology and Genome Editing” (BIOS8590)
2023 – current:	6 contact hours’ lectures on “Metabolism and Metabolic Disease” (BIOS5200, Stage 2 module)
2021 – 2024:	22 contact hours, creator, and module convenor of “Evolution and diversity of eukaryotes for biologists” module (BIOS6500, Stage 3 students)
2021 – current:	3 contact hours, lecture on “Biology of Global pathogens” (BIOS8660, Taught MSc programme in Infectious Diseases)
2021 – current:	3 contact hours, lecture on “Infection and Antimicrobial Resistance” (BIOS8680, Taught MSc programme in Infectious Diseases)
2014 – 2021:	20 contact hours, creator, and module convenor of “Advances in Parasitology” (BI855, Taught MSc programme in Infectious Diseases)
2014 – 2020, 2022:	5 contact hours’ lectures on “Pathogens & Pathogenicity” (BIOS6060, Stage 3 module). Between 2018 - 2020, module convenor.
2013 – 2019:	5 contact hours’ lectures on “Infection & Immunity” (BI505, Stage 2 module)
2013 – 2015:	2 contact hours’ lecture on “Epidemiology of parasites” (BI645, Stage 3 module)
2012	2 x 2 contact hours’ lecture on cell biology and biochemistry of parasites (Parasitology Erasmus module; Charles University in Prague, Czech Republic)

PROFESSIONAL SOCIETIES

2023 – current:	General Secretary of the Federation of European Protistological Societies
2022 – current:	Executive Secretary of the World Federation of Parasitologists
2016 – current:	Member of the <i>Protistology-UK</i> society 05/2021 – 09/2024: President of the society 06/2018 – 04/2021: Vice president of the society 04/2016 – 06/2018: Elected committee member
2014 – current:	Member of the <i>Microbiology Society</i>

01/2022 – 12/2023: Chair of the Eukaryotic Division

since 07/2015: Elected representative of the Eukaryotic division

- 2013 – current: Member of the *American Society for Microbiology*
- 2013 – current: Member of the *European Society of Clinical Microbiology and Infectious Diseases*
- 2013 – current: Member of the *Biochemical Society*
- 2012 – current: Member of the *American Association for the Advancement of Science (AAAS)*
- 2010 – current: Member of the *Society for the Study of Evolution (SSE)*
- 2009 – current: *EMBO* fellow
- 2008 – current: Member of *The International Society for Evolutionary Protistology (ISEP)*
Secretary of membership (elected 5 times: 2010, 2012, 2014, 2016, 2018)
- 2008 – current: Member of *The International Society of Protistologists (ISOP)*
since 2013: a member of the awards committee

OUTREACH

- 06/2023 – current: “Antibiotics Unearthed” initiative with Senior School in Nicosia, Cyprus
- 05/2023: Event organiser of the “Pint of Science 2023” in Canterbury.
- 09/2022 – current: “Antibiotics Unearthed” initiative with Simon Langton Girls Grammar School
Awarded a Fellowship of Encompass from the School
- 10/2020 – 07/2022: Native Scientist coordinator in Canterbury (Kent):
<https://www.nativescientist.com/scientists>
- 09/2019: Organised and presented various outreach events under the Molecular Parasitology umbrella in Rangpur, Bangladesh
- 09/2017 – 12/2018: Involved in the “Antibiotics Unearthed” initiative sponsored by the Microbiology Society in association with three local Schools in Kent.
- 08/2017 - 2019: Co-organised three work experience weeks at the School of Biosciences at the University of Kent
<https://www.kent.ac.uk/bio/engagement/index.html>
- 06/2018: Organised “*Café Scientifique*” at the American International School in Cyprus (AISC) in Nicosia (Cyprus)
- 05/2018: Organised “Little Monsters under the Microscope” in Droushia Heights (Pafos, Cyprus) in parallel with the XXII meeting of the International Society for Evolutionary Protistology (ISEP)
Dedicated blog for both events: <https://microbeblog.org/2018/09/19/bringing-protistology-to-the-public/>
- 10/2017 & 10/2016: Co-organise events at the School of Biosciences as part of the Canterbury Festival 2016 & 2017
- 2014 – 2017: Organise three outreach events named “Whose genes are those?”. More than a hundred students participated in these events that took place at the School of Biosciences at Kent.

TRAINING

- 10/2024 “Social Media Training”, COST Academy, Brussels, Belgium
- 05/2024 “How to coordinate international research networks”, COST Academy, Brussels, Belgium

- 04/2024 “Media Skills Training”, COST Academy, Brussels, Belgium
- 11/2023 – 05/2024 Leadership for Areas of Significant Responsibility, University of Kent, UK
- 10/2023 “Understanding EU decision-making processes- how to advocate your interest.” COST Academy, Brussels, Belgium

OTHER PROFESSIONAL ACTIVITIES

- 09/2024: Co-organiser of the “**Autumn Meeting of Protistology-UK Society**” Protists & Society, 24th – 25th of September 2024
- 09/2024: Main organiser of the 4th International *Blastocystis* conference, in Heraklion Crete (Greece), 17th – 20th of September 2024. <https://microbiologysociety.org/event/society-events-and-meetings/blastocystis-1.html#tab-0>
- 08/2023: The main organiser of the “**2nd EU-COST Training School: Blastocystis Identification: From Microscopy to Phylogeny**” 3-day session at the University of Kent in Canterbury. 30th August – 1st of September 2023.
- 05/2023: Co-organiser of the “**1st EU-COST Training School: Blastocystis culture and applications**” 3-day session at the NUS in Singapore. 30th May – 1st of June 2023. <https://uvents.nus.edu.sg/event/eucostnus>
- 04/2023: Co-organiser of the “**Annual Meeting of Protistology-UK Society**” 1-day session at the 2022 Annual Meeting of the Microbiology Society in Birmingham. 17th – 20th of April 2023
- 04/2022: Co-organiser of the “**Annual Meeting of Protistology-UK Society: Symbiosis**” 1-day session at the 2022 Annual Meeting of the Microbiology Society in Belfast. 04th – 7th of April 2022
- 04/2022: Co-organiser of the “**One Health in Eukaryome**” session at the 2022 Annual Meeting of the Microbiology Society in Belfast. 04th – 7th of April 2022
- 04/2021 – 03/2022: Committee member for the accreditation of the Doctoral Veterinary Programme for the University of Nicosia, Cyprus
- 06/2021: The main organiser of the virtual 3rd International *Blastocystis* conference: <http://blastocystis2021.com>
- 04/2021: Co-organiser of the “**Annual Meeting of Protistology-UK Society: Exploring the Eukaryotic Tree of Life**” 1-day session at the virtual Annual Meeting of the Microbiology Society 2021. 28th of April 2021
- 01/2020 – 03/2023 **Committee Member and External examiner** of Ms Abby McCain’s MSc by Research project entitled “Exploring the role of *Blastocystis* in the gut of humans and animals”. Mae Fah Luang University, Chiang Rai, Thailand
- 11/2020 **External examiner** of Vojtěch Vacek PhD thesis entitled "Iron-Sulfur cluster assembly in *Monocercomonoides exilis*" from Charles University in Prague, Czech Republic.
- 09/2019 – 06/2022 **Committee Member and External examiner** of Ms Vasana Jinatham’s PhD project entitled “Diversity of Eukaryotic Microbiome in the gut of animals and humans from rural and urban areas in Thailand”. Mae Fah Luang University, Chiang Rai, Thailand
- 07/2019 Presentation on “**Can we avoid the contamination of Mars with Earth microbes during a crewed mission?**” during the Pint-of-Science event “An evening with astronaut Tony Antonelli” in Canterbury. <https://pintofscience.co.uk/event/an-evening-with-astronaut-tony-antonelli---canterbury>

- 05/2019: Co-organised the “Pint of Science” event in Canterbury.
- 04/2019: Organised the “**Missing microbes and the Hygiene Hypothesis: New challenges and perspectives**”, 1-day session at the Annual Meeting of the Microbiology Society, Belfast, UK. 8th – 11th of April 2019
- 04/2019: Co-organised the “**Annual Meeting of Protistology-UK Society: From prokaryotes to eukaryotes: the origin and diversity of eukaryotes**” 1-day session at the Annual Meeting of the Microbiology Society, Belfast, UK. 8th – 11th of April 2019
- 04/2019: Co-organised the “**Moore Foundation sponsored session on Emerging model systems**” 1-day session at the Annual Meeting of the Microbiology Society, Belfast, UK. 8th – 11th of April 2019
- 03/2019: **Internal examiner** of Matt Badham’s PhD thesis entitled: “The role of the cytoplasmic tail of the influenza virus M2 protein in viral morphology and replication” at the School of Biosciences at the University of Kent.
- 05-06/2018: **Main coordinator of the XXII meeting of the International Society for Evolutionary Protistology (ISEP2018)** in Droushia Heights (Pafos, Cyprus) between 27th of May until 1st of June 2018. www.isep18.com
- 02/2018 **External examiner** of Mgr. Eva Pyrihová’s PhD thesis entitled “Characterization of the protein import into *Giardia intestinalis* mitochondria”, Charles University in Prague, Czech Republic.
- 04/2017: Co-organised the “**Emerging Model Systems**” a session at the 2018 Annual Meeting of the Microbiology Society, Birmingham, UK. 10th – 13th of April, 2018.
- 09/2017 – 09/2018: **Negotiation committee member** for establishing a partnership between the Protistology-UK and the Microbiology Society:
<https://microbiologysociety.org/news/society-news/protistology-uk-and-the-microbiology-society-announce-new-partnership.html>
- 04/2017: Organised the “**Annual Meeting of Protistology-UK Society: Intracellular infection and endosymbiosis within protists**” 1-day session at the Annual Meeting of the Microbiology Society, Edinburgh, UK. 3rd – 6th of April, 2017.
- 04/2017: Organised the “**Aquatic microbiology: New model organisms and new challenges**” 2-days session at the Annual Meeting of the Microbiology Society, Edinburgh, UK. 3rd – 6th of April, 2017.
- 10/2016: Participated at the **Microbiome Stakeholder Workshop** of the **Microbiology Society** in order to develop a report on microbiome research to inform policy-makers, decision-makers and other stakeholders.
- 07/2016: Organised and launched an event for the new group of Infectious Diseases at the School of Biosciences, entitled: **RAPID** (Resistance and Pathogenicity of Infectious Diseases).
- 05/2016: Internal examiner of Agnieszka Martyna’s PhD thesis entitled “Structure and function of the M2 amphipathic helix in Influenza virus membrane scission” at the School of Biosciences at the University of Kent.
- 03/2015: Organised the “**Mitochondria and related organelles**” **symposium** at the Annual meeting of the Society of General Microbiology (SGM), Birmingham UK, 29th March – 2nd April, 2015.
- 08/2014: Organised the “**Parasitology**” **Symposium** at the Protist 2014 meeting in Banff, Alberta, Canada, 2nd - 8th August, 2014.

SUPERVISION (9 PDRAS, 3 RT, 16 PHD STUDENTS, 25 MSC-R STUDENTS)

- 05/2021 – 05/2022: Dr. Emma L. Betts *Postdoctoral fellow* (Moore Foundation)
co-supervised with Dr. Sonja Rueckert (Edinburgh Napier University)

03/2021 – 08/2022:	Dr. Ruben Martin Escolano	<i>Postdoctoral fellow</i> (PDRA Spanish fellowship)
03/2019 – 06/2022:	Dr. Claudia Ribeiro	<i>Postdoctoral fellow</i> (H4DC)
01/2018 – 11/2020:	Dr. Eleanna Kazana	<i>Postdoctoral fellow</i> (Moore Foundation)
02/2017 – 03/2017:	Dr. Veronica Freire	<i>Postdoctoral fellow</i> (Moore Foundation)
11/2016 – 08/2018:	Dr. Lyto Yiangou	<i>Postdoctoral fellow</i> (BBSRC)
06/2016 – 08/2018:	Dr. Lyne Josse	<i>Postdoctoral fellow</i> (NIBB - BBSRC & Gates Foundation)
01/2016 – 01/2017:	Dr. Jan Pyrih	<i>Postdoctoral fellow</i> (Moore Foundation)
06/2015 – 12/2016:	Dr. Nicola Baker	<i>Postdoctoral fellow</i> (BBSRC)
09/2020 – 12/2020:	Ms. Noor Issa	<i>Research Technician</i> (BBSRC) <i>co-supervised with Dr. Tobias von der Haar</i>
04/2019 – 06/2022:	Mr. Christopher Warren	<i>Research Technician</i> (H4DC)
03/2015 – 09/2019:	Ms. Tracey Purton	<i>Research Technician</i> (BBSRC & Moore Foundation)
10/2024 – current:	Ms. Hannah Morris	<i>PhD student</i> (Skretting)
09/2023 – current:	Mr. Christian Hollinbery	<i>PhD student</i> (SoCoBio DTP PhD studentship)
04/2023 – current:	Mr. William Edwards	<i>PhD student</i> (SoCoBio DTP PhD studentship)
02/2023 – 06/2023:	Mr. Matthew Shaw	<i>PhD student</i>
01/2023 – current:	Mr. Yaseen Al-Adilee	<i>PhD student</i>
09/2022 – current:	Ms. Daisy Shaw	<i>PhD student</i>
09/2021 – current:	Ms. Susana Simpson	<i>PhD student</i> <i>co-supervised with Prof. Richard Griffiths</i>
03/2021 – current:	Ms. Daphne Mavrides	<i>PhD student</i> (University of Nicosia) <i>co-supervised with Prof. Stavros Malas, Dr. Eleni Gentekaki</i>
09/2020 – current:	Mr. Kevin McKinley	<i>PhD student</i> (Edinburgh Napier University) <i>co-supervised with Dr. Sonja Rueckert</i>
09/2020 – 05/2024:	Ms. Sadiya Maxamhud	<i>PhD student</i> (GCDC PhD studentship)
09/2019 – 01/2024:	Mr. Jamie Newton	<i>PhD student</i> (Kent Health PhD studentship)
08/2019 – 03/2024:	Mr. Pedro Pinto	<i>PhD student</i> (H4DC)
05/2019 – 10/2019	Dr. Ruben Escolano	<i>short term PhD student</i> (EMBO fellowship)
09/2016 – 03/2021:	Dr. Emma Betts	<i>PhD student</i>
09/2015 – 11/2018:	Dr. Ronan Egan	<i>PhD student</i> <i>co-supervised with Dr. Tobias von der Haar</i>
09/2013 – 09/2017:	Dr. Christopher Miller	<i>PhD student</i>
09/2024 – current:	Ms. Abbey Ruffell	<i>MSc by Research student</i>
09/2024 – current:	Mr. Przemek Wieckowski	<i>MSc by Research student</i>
09/2024 – current:	Ms. Kalliopi Pantzi	<i>MSc by Research student</i>
09/2023 – 09/2024:	Ms. Maira Koutsaimani	<i>MSc by Research student</i>
09/2023 – 09/2024:	Mr. James Skerritt	<i>MSc by Research student</i> <i>co-supervised with Prof. Tobias von der Haar</i>
09/2023 – 09/2024:	Ms. Elizabeth Tikoisuva	<i>MSc by Research student</i>
09/2023 – 09/2024:	Ms. Abi Girl Sanda	<i>MSc by Research student</i>
09/2022 – 09/2023:	Mr. Anthony Allan-Cardoso	<i>MSc by Research student</i>
09/2022 – 09/2023:	Ms. Bethany Reynolds	<i>MSc by Research student</i> <i>co-supervised with Dr. Christopher Mullighan</i>
09/2022 – 09/2023:	Ms. Isabel Richards	<i>MSc by Research student</i>
09/2021 – 12/2022:	Mr. Robert Abbot	<i>MSc by Research student</i> (H4DC)
09/2020 – 03/2022:	Ms. Zoe King	<i>MSc by Research student</i> <i>co-supervised with Dr. Marina Ezcurra</i>
09/2020 – 03/2022:	Ms. Sumaiya Hoque	<i>MSc by Research student</i> (H4DC)
09/2018 – 08/2019:	Mr. Jamie Newton	<i>MSc by Research student</i> <i>co-supervised with Dr. Jose Ortega-Roldan</i>
09/2017 – 08/2019:	Ms. Shelly-Ann Fung	<i>MSc by Research student (part time)</i>
09/2016 – 08/2018:	Ms. Kayley Smith	<i>MSc by Research student (part time)</i>
09/2017 – 09/2018:	Ms. Tansy Vallintine	<i>MSc by Research student</i> <i>co-supervised with Dr. Wei-Feng Xue</i>
09/2017 – 09/2018:	Mr. Christopher Warren	<i>MSc by Research student</i>
11/2016 – 10/2017:	Mr. William Mosedale	<i>MSc by Research student</i>

09/2016 – 08/2017:	Mr. Alexander Bones	<i>MSc by Research student</i> <i>co-supervised with Prof. Martin Michaelis</i>
09/2016 – 08/2017:	Ms. Charlotte More	<i>MSc by Research student</i> <i>co-supervised with Prof. Martin Michaelis</i>
09/2016 – 08/2017:	Mr. Jake McGreig	<i>MSc by Research student</i> <i>co-supervised with Dr. Mark Shepherd (primary)</i>
09/2014 – 09/2017:	Mr. Luke Williams	<i>MPhil Research student</i> <i>co-supervised with Dr. Mark Wass (primary)</i>
09/2014 – 09/2015:	Mr. Christopher Raleigh	<i>MSc by Research student</i> <i>co-supervised with Dr. Mark Howard</i>