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[ResearchGate](#)

## Research Experience

2024 Jan - present	<b>Institute of Molecular Biology and Biotechnology (IMMB-FORTH)</b> Heraklion, Greece <i>Group Leader (Comparative Genomics Lab)</i>
2022 Dec - 2023 Dec	<b>University of Athens (NKUA)</b> Athens, Greece <i>Postdoctoral Principal Investigator (HFRI project)</i>
2021 Jan - 2023 Jun	<b>European Molecular Biology Laboratory (EMBL)</b> Developmental Biology Unit (Arendt lab) Heidelberg, Germany <i>Research Associate</i>
2020 Jan - 2020 Jun	<b>Berlin Institute for Advanced Study (WIKO)</b> Berlin, Germany <i>Fellow of The College for Life Sciences</i>
2017 Sep - 2019 Dec	<b>University of British Columbia (UBC)</b> Biodiversity Research Centre (Keeling lab) Vancouver, Canada <i>EMBO postdoctoral fellow</i>
2016 Nov - 2017 Jul	<b>American Museum of Natural History (AMNH)</b> Sackler Institute for Comparative Genomics (Kim lab) New York, US <i>Postdoctoral Research Scientist</i>
2011 Sep - 2016 Oct	<b>Centre for Genomic Regulation (CRG)</b> Bioinformatics and Genomics, (Gabaldón lab) Barcelona, Spain <i>PhD student</i>

## Selected Publications

- **Pittis AA**, Yañez-Guerra LA, Ruperti F, Musser JM, Cole AG, Marinković M, Thiel D, Huerta-Cepas J, Technau U, Jékely G, Arendt D. From promiscuity to specialization: Prebilaterian origin of biogenic amine neurotransmission (*under submission*).
- Irwin NAT, **Pittis AA**, Richards TA, Keeling PJ. (2022) Systematic evaluation of horizontal gene transfer between eukaryotes and viruses. *Nat Microbiol.* 7:327-336.
- **Pittis AA**, Goh V, Cebrian-Serrano A, Wettmarshausen J, Perocchi F, Gabaldón T. (2020) Discovery of EMRE in fungi resolves the true evolutionary history of the mitochondrial calcium uniporter. *Nat Commun.* 11:4031.
- Burns JA, **Pittis AA**, Kim E. (2018) Gene-based predictive models of trophic modes suggest Asgard archaea are not phagocytotic. *Nat Ecol Evol.* 2:697-704.
- **Pittis AA**, Gabaldón T. (2016) Late acquisition of mitochondria by a host with chimaeric prokaryotic ancestry. *Nature.* 531:101-104.