Vasilis Tsilidis

Curriculum Vitae

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Education

2023– **Ph.D. in Mathematical Biology**, *University of Patras*, Patras, Greece

2019–2021 **M.Sc. in Applied Mathematics (with Distinction)**, *Hellenic Open University*, Patras, Greece
Thesis Title: Mathematical Modelling of Immune Response in Breast Cancer

2013–2018 **B.Sc. in Mathematics**, *National and Kapodistrian University of Athens*, Athens, Greece

Publications

[1] Vasiliki Bitsouni, Nikolaos Gialelis, and Vasilis Tsilidis. A Mathematical Study of the Role of tBregs in Breast Cancer. *Bulletin of Mathematical Biology*, 84(10):112, October 2022. `doi:10.1007/s11538-022-01054-y`.

[2] Vasiliki Bitsouni and Vasilis Tsilidis. Mathematical modeling of tumor-immune system interactions: the effect of rituximab on breast cancer immune response. *Journal of Theoretical Biology*, 539:111001, April 2022. `doi:10.1016/j.jtbi.2021.111001`.

Talks

29/8/2022–
6/9/2022 **Mathematical Biology on the Mediterranean Coast, 3rd Edition**, *FORTH Institute*, Crete, Greece

26/2/2022–
27/2/2022 **Research Directions and Perspectives in Mathematics, 4th Edition**, *Hellenic Open University*, Online Conference

Participation in Conferences, Workshops, Schools

4/7/2023–
5/7/2023 **Partial Differential Equations in Applied Mathematics: a hybrid conference in honour of Ioannis Stratis**, *National and Kapodistrian University of Athens*, Athens, Greece

19/7/2021–
23/7/2021 **Multi-Scale Modeling for Pattern Formation in Biological Systems**, *Institut Mittag-Leffler*, Online Summer School

25/5/2021–
27/5/2021 **Mathematical Biology on the Mediterranean Coast**, *Online Conference*

1/7/2019–
11/7/2019 **NCSR Demokritos 54th Summer School**, *NCSR Demokritos*, Athens, Greece

Work Experience

14/4/2022–13/3/2023 **Master Sergeant**, *Administration Company of the Presidential Guard*, Athens, Greece
Managed a company of 80 members, by determining the daily duties of its soldiers.

2019–2022 **Tutor for high school and undergraduate students**, *Athens, Greece*

Languages

English Fluent
Greek Native

Computer skills

o Certificate in Computer Science, Department of Mathematics, NKUA

o *Operating systems*: Windows, Linux

o *Programming Languages*: Java, Julia, Matlab, Python, MySQL, Wolfram Language