

# Vasilis Tsilidis

## Curriculum Vitae

✉ [vtsilidis@outlook.com](mailto:vtsilidis@outlook.com)  
🌐 [vtsilidis.netlify.app](https://vtsilidis.netlify.app)

### Education

- 2019–2021 **M.Sc. in Applied Mathematics (with Distinction)**, *Hellenic Open University*, Patras  
Thesis Title: [Mathematical Modelling of Immune Response in Breast Cancer](#)
- 2013–2018 **B.Sc. in Mathematics**, *National and Kapodistrian University of Athens*, Athens

### 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](https://doi.org/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](https://doi.org/10.1016/j.jtbi.2021.111001).

### Talks

- 29/8/2022– **Mathematical Biology on the Mediterranean Coast, 3rd Edition**, *FORTH*,  
6/9/2022 Crete, Greece
- 26/2/2022– **Research Directions and Perspectives in Mathematics, 4th Edition**, *Hellenic*  
27/2/2022 *Open University*, Online Conference

### Participation in Conferences, Workshops, Schools

- 4/7/2023– **Partial Differential Equations in Applied Mathematics: a hybrid conference**  
5/7/2023 **in honour of Ioannis Stratis**, *National and Kapodistrian University of Athens*,  
Athens, Greece
- 19/7/2021– **Multi-Scale Modeling for Pattern Formation in Biological Systems**, *Institut*  
23/7/2021 *Mittag-Leffler*, Online Summer School
- 25/5/2021– **Mathematical Biology on the Mediterranean Coast**, *FORTH Institue*, Heraklion,  
27/5/2021 Greece
- 1/7/2019– **NCSR Demokritos 54th Summer School**, *NCSR Demokritos*, Athens, Greece  
11/7/2019

---

## 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

---

## Computer skills

- Certificate in Computer Science, Department of Mathematics, NKUA
- *Operative systems*: Windows, Linux
- *Programming Languages*: Java, Julia, Mathematica, Matlab, Python