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# CURRICULUM VITAE

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## Aristidis G. Vrahatis, PhD Candidate

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### PERSONAL DATA

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<i>Date of Birth</i>	25/05/1987
<i>Place of Birth</i>	Kalamata, Greece
<i>Address</i>	Volou 63B
<i>Nationality</i>	Greek
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### EDUCATION

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<i>2006-2011</i>	Diploma in Computer Science, Department of Computer Engineering & Informatics, University of Patras, Greece.
<i>2011-2012</i>	MSc in Computer Science and Engineering, Department of Computer Engineering & Informatics, University of Patras, Greece.
<i>2012- now</i>	PhD Candidate in Department of Computer Engineering & Informatics

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## THESES

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*Diploma Thesis* Mammographic image analysis for microcalcification detection with Wavelet Transform and classification with Neural Networks and Support Vector Mach (SVM).

*Master Thesis* Fuzzy evolutionary clustering in large scale biological data

## PUBLICATIONS

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2013 **Aristidis G. Vrahatis**, Konstantina Dimitrakopoulou, Georgios N. Dimitrakopoulos, Kyriakos N. Sgarbas, Athanasios K. Tsakalidis and Anastasios Bezerianos, **Network-based modular markers of aging across different tissues**, *13th Mediterranean Conference on Medical and Biological Engineering and Computing (MEDICON 2013)*

Konstantina Dimitrakopoulou, **Aristidis G. Vrahatis**, Esther Wilk, Athanasios K. Tsakalidis and Anastasios Bezerianos, **OLYMPUS: An automated hybrid clustering method in time series gene expression. Case study: Host response after Influenza A (H1N1) infection**, *Computer Methods and Programs in Biomedicine*

Georgios N. Dimitrakopoulos, **Aristidis G. Vrahatis**, Konstantina Dimitrakopoulou, Athanasios K. Tsakalidis, Kyriakos Sgarbas and Anastasios Bezerianos, **Module-Based Cross-Tissue Pathway Identification in Aging**, *35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Osaka, Japan, 2-7/7/2013*

Konstantina Dimitrakopoulou, **Aristidis G. Vrahatis**, Georgios Dimitrakopoulos, Anastasios Bezerianos, **Aging Integromics: Module-based markers of heart aging from multi-omics data**, *The 15th International Conference on Biomedical Engineering (ICBME 2013)*

## RESEARCH INTERESTS

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Bioinformatics

Systems Medicine

Evolutionary Clustering in large-scale biological data

Network-based approaches in Systems Biology

## AWARDS

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3rd paper award in in MEDICON 2013 Conference at the Young Investigator Competition

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## COMPUTER SKILLS

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*Programming Languages*      Matlab, R, C, C++, Java

*Web Development*            HTML/XHTML, XML, PHP, Joomla, Drupal

*Mathematical Software*        Maple, Mathematica

*Operating Systems*            Linux, Windows