

## A. PERSONAL INFORMATION

Family name, First name: **Moussis Vassilios**

Date of birth: **April 30<sup>th</sup>, 1974**

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Address: **Department of Chemistry, Section of Organic Chemistry and Biochemistry, University of Ioannina (UOI), Ioannina, Greece**

## B. EDUCATION

- 2007 **M.Sc**, Chemistry, University of Ioannina, Department of Chemistry, Section of Organic Chemistry and Biochemistry, Ioannina Greece (**finished with highest distinction**)
- 2005 **Postdoctoral Fellow**, University of Ioannina, Department of Chemistry, Section of Organic Chemistry and Biochemistry Ioannina Greece.
- 2005 **PhD**, Chemistry, University of Ioannina, Department of Chemistry, Section of Organic Chemistry and Biochemistry, Ioannina Greece (**finished with highest distinction**)
- 1997 **B.Sc**, Chemistry, University of Ioannina, Department of Chemistry, Ioannina Greece

## C. CURRENT POSITION(S)

- 2014- Laboratory Teaching Stuff, University of Ioannina, Department of Chemistry, Ioannina Greece
- 2014- Member of the Automated Organic Synthesis Unit, University of Ioannina, Ioannina Greece

## D. PUBLICATION RECORDS

**16 publications** in scientific International Journals. h-index (scopus):5&citations:68.

## E. SCIENTIFIC FIELDS - CURRENT RESEARCH INTERESTS

1. Determination of the structures of peptides and natural products in solution by the use of NMR and molecular dynamics calculations.
2. Semi-Preparative and Preparative RP-HPLC analytical techniques.
3. NMR Structural Studies and Analytical Applications in Organic and Inorganic Chemistry products.
4. Identification and quantitative evaluation of products by the use of high resolution one- and two- dimensional COSY, TOCSY, NOESY, ROESY, 1H-13C HSQC NMR.
5. Use of coupled methodologies of HPLC-MS Spectroscopy.

## F. FELLOWSHIPS AND RESEARCH PROJECTS

**Pythagoras II, Post doctoral research fellowship**, 2005-2006, Co-funded by the Greek Ministry of Education.

**Number of Research Projects participation: 14**

## G. SELECTED PUBLICATIONS

1. «Targeting oncogenic protein-protein interactions by diversity oriented synthesis and combinatorial chemistry approaches». Andreas G. Tzakos, Demosthenes Fokas, Charlie Johannes, **Vassilios Moussis**, Eleftheria Hatzimichael and Evangelos Briassoulis. *Molecules*, 16(6), 4408-4427, **2011**.
2. «Side reactions in the SPPS of Cys-containing peptides». Stathopoulos, P., Papas, S., Pappas, C., **Moussis, Vassilios**, Sayyad, N., Theodorou, V., Tzakos, A.G., Tsikaris, V. *Amino Acids*, 44 (5), 1357-1363, **2013**.
3. «Palmitoylated peptide, being derived from the carboxyl-terminal sequence of the integrin  $\alpha$ IIb cytoplasmic domain, inhibits talin binding to  $\alpha$ IIb $\beta$ 3». Alexia Gkourogiani, Marion Egot, Vassiliki Koloka, **Vassilios Moussis**, Vassilios Tsikaris, Eugenia Panou-Pomonis, Maria Sakarellos-Daitsiotis, Christilla Bachelot-Loza, Demokritos C. Tsoukatos *Platelets*, 25 (8), 619-627, 2014.
4. «Inhibition of  $\alpha$ IIb $\beta$ 3 Ligand Binding by an  $\alpha$ IIb Peptide that Clasps the Hybrid Domain to the  $\beta$ I Domain of  $\beta$ 3» Wen Hwa Lee, Elisabeth Schaffner-Reckinger, Demokritos C. Tsoukatos, Kelly Aylward, **Vassilios Moussis**, Vassilios Tsikaris, Paraskevi Trypou, Marion Egot, Dominique Baruch, Nelly Kieffer, Christilla Bachelot-Loza, *PLoS ONE*, 10(9): e0134952., 2015.
5. «Synergistic effect of peptide inhibitors derived from the extracellular and intracellular domain of  $\alpha$ IIb subunit of integrin  $\alpha$ IIb $\beta$ 3 on platelet activation and aggregation.» Alexia Gkourogiani, Klytaimnistra Kiouptsi, Vassiliki Koloka, **Vassilios Moussis**, Vassilios Tsikaris, Christilla Bachelot-Loza, Demokritos C. Tsoukatos. *Platelets* 29(1), 34-40, 2018.
6. «Intracellular targets: A multiple cargo transporting molecule.» Papadopoulos C, Fotou E, **Moussis V**, Ntoyhaniari A, Zografou S, Maltaba V, Kouklis P, Christoforidis S, Tsikaris V. *J Pept Sci*. 27(11):e3359, 2021.
7. «Multidrug Resistance Protein 4 (MRP4/ABCC4): A Suspected Efflux Transporter for Human's Platelet Activation.», Angelis I, **Moussis V**, Tsoukatos DC, Tsikaris V. *Protein Pept Lett.*;28(9):983-995,2021.

8. «Influence of dietary olive paste flour on the performance and oxidative stress in chickens raised in field conditions» E. Fotou, V. Moulasioti, I. Angelis, V. Tsiouris, A. Patsias, C. Tellis, **V. Moussis**, M.E. Boti, D. Tsoukatos. J Hellenic Vet Med Soc, vol. 72, no. 3, pp. 3239–3248, Oct. 2021.