

Zissi Georgia

Tel. : (+30) 2610 962383

E-mail: gdzissi@upatras.gr

Laboratory Teaching Staff (E.DI.P), Department of Pharmacy, University of Patras, Greece.

Student office hours:

Tuesday 12.00-13.00

Wednesday 10.00-12.00

Thursday 9.00-10.00

Education

1991: Diploma in Chemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece.

2000: Ph.D. Department of Chemical Engineering, University of Patras, Greece.

2014: M.Sc. Department of Pharmacy, University of Patras, Greece.

Professional training and academic appointments

5/2003-today: Department of Pharmacy, University of Patras

3/2003-5/2003: Ministry of Agriculture, Athens Veterinary Foundations Center

2000-2003: Postdoctoral researcher, ICEHT-FORTH

4/2002-8/2002: Temporary Lecturer, Department of Chemistry, University of Patras

2/2001-8/2001: Post doctoral researcher at CRMHT-CNRS, Orleans, France

Research interests

Use of spectroscopic methods for the determination of the structural and dynamic properties of inorganic compounds and pharmaceutical substances. Chemistry of rare earth compounds. Synthesis and physicochemical investigation of ionic compounds in the solid, liquid and glassy state.

Current teaching activities

Undergraduate Courses:

General and Inorganic Chemistry (1st Semester), Analytical Chemistry Laboratory (2nd Semester), Physical Pharmacy Laboratory (4th Semester), Pharmaceutical Biotechnology Laboratory (5th Semester), Pharmacognosy I Laboratory (6th Semester), Pharmacognosy II Laboratory (7th Semester)

Awards

FORTH-ICE/HT Fellowship for Ph.D. studies

Large Scale Facility TMR Fellowships for short period visits and collaboration at

CNRS, Orleans, for research and training in the field of High Temperature NMR

Postdoctoral Fellowship (Conseil Regional du Centre, France) for 6 months research at CNRS, Orleans, France.

Daresbury Laboratory Synchrotron Radiation Source Fellowship for research in the area of EXAFS spectroscopy (Warrington, United Kingdom).

Selected publications

1. Zissi, G. D.; Chrissanthopoulos, A.; Papatheodorou, G. N., 'Vibrational modes and structure of the LaCl_3 - CsCl melts', *Vibrational Spectroscopy* 40(1), 110-117 (2006).
2. Zissi, G. D.; Papatheodorou, George N., 'Composition and temperature induced changes on the structure of molten ScCl_3 -CsCl mixtures', *Physical Chemistry Chemical Physics* 6(18), 4480-4489 (2004).
3. G. D. Zissi and G. N. Papatheodorou, 'Seven-coordinated scandium (III) chloroions in ScCl_3 -CsCl molten mixtures at 600-900 °C', *J. Chem. Soc. Dalton Trans.* 13, 51 (2002).
4. G. D. Zissi and C. Bessada, ' ^{27}Al NMR spectra of the RECl_3 - AlCl_3 (RE = Y, La) Glasses and Melts' *Zeitschrift für Naturforschung A* 56, 697 (2001).
5. G.D. Zissi and S. N. Yannopoulos, 'Dynamic light scattering study of the liquid \leftrightarrow glass transition for the GdCl_3 - 3AlCl_3 glass-forming mixture', *Physical Review E* 64, 051504 (2001).
6. S. Sen, G.D. Zissi and G.N. Papatheodorou, 'Local structure around Gd in $\text{GdAl}_3\text{Cl}_{12}$ glass and supercooled liquid: a Gd LIII-edge EXAFS study', *Journal of Physics Condensed Matter* 12(12), 2885 (2000).