



Nikoletta ROKA

Nationality: Greek **Date of birth:** 13/10/1972 **Phone number:** (+30) 6973715577

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Home: Ipsilántou 162-164, 18535 Pireas (Greece)

ABOUT ME

PhD Chemist

WORK EXPERIENCE

Adult Trainer - Department of Pharmacy Assistants

Superior Vocational Training School (ΔΙΕΚ) [05/03/2024 – Current]

City: Megara | Country: Greece

Courses:

- Analytical Chemistry (Laboratory Course).
- Pharmaceutical Analysis - Quality Control.
- Cosmetics: Synthesis and Quality Control.
- Research Methodology.

Forensic Scientist and QC Analyst

National Organization for Medicines (EOF) [01/06/2022 – 11/07/2023]

City: Athens | Country: Greece

- Analysis of medicines seized by the Greek Authorities.
- Quality Control test of Greek market's medicines.

EDUCATION AND TRAINING

PhD in Chemistry

Department of Chemistry, National and Kapodistrian University of Athens, Greece [2023]

- First Honor's Degree.
- PhD thesis: "**Amphiphilic block copolymers based on N-vinyl pyrrolidone: Synthesis via RAFT, thermal properties and micellization behavior in selective solvents.**".
- Supervisor Professor Pitsikalis Marinos.
- The thesis is co-financed by Greece (IKY) and the European Union (MIS-5000432).

Master's Degree «Polymer Science and its applications in Industry»

Department of Chemistry, National and Kapodistrian University of Athens, Greece [2017]

- Honor's Degree (9.11/10).
- Master thesis: "Statistical Copolymers of N-Vinyl Pyrrolidone: Synthesis via RAFT Polymerization, Monomer Reactivity Ratios and Thermal Properties".

Bachelor Degree in Chemistry

Department of Chemistry, Aristotle University of Thessaloniki, Greece [2014]

- BSc thesis: "Synthesis of 2-acetyl-1-pyrroline, the principal rice flavor component".
- The Thesis was carried out under the ERASMUS program at the University of Ghent in Belgium with scholarship from the State Scholarships Foundation (IKY) (15/9/94-14/2/95).

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English -Certificate in ESOL International (C2), NOCN**French- Certificat Pratique de langue Française**
Level 3, 2023. **Université de Sorbonne (C1), 1992.**

LISTENING C2 READING C2 WRITING C2

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

ECDL Certificate in Microsoft Office / Chem-Office / ORIGIN / MestReNova / Blind Typing System / UCert
Certificate as Secretarial support executive

PUBLICATIONS

Scopus Statistics (04/02/2025): 79 Citations, 7 Documents, 5 h-index.

[2024]

Block Copolymers of Poly (N-Vinyl Pyrrolidone) and Poly (Vinyl Esters) Bearing n-alkyl Side Groups via Reversible Addition-Fragmentation Chain-Transfer Polymerization: Synthesis, Characterization, and Thermal Properties

Roka, N., Papazoglou, T. P., & Pitsikalis, M., *Polymers*, 16(17), 2447. DOI: 10.3390/polym16172447.

[2023]

Synthesis and Micellization Behavior of Amphiphilic Block Copolymers of Poly (N-vinyl Pyrrolidone) and Poly (Benzyl Methacrylate): Block versus Statistical Copolymers

Nikoletta Roka & Marinos Pitsikalis. *Polymers*, 15(9), 2225. DOI: 10.3390/polym15092225

[2022]

Recent Advances in the Synthesis of Complex Macromolecular Architectures Based on Poly(N-vinyl pyrrolidone) and the RAFT Polymerization Technique

Nikoletta Roka,..., and Marinos Pitsikalis. *Polymers*, 14, no. 4: 701. DOI: 10.3390/polym14040701

[2021]

Thermal Stability and Kinetics of Thermal Decomposition of Statistical Copolymers of N-Vinylpyrrolidone and Alkyl Methacrylates Synthesized via RAFT Polymerization

Gikarakis et al. *Journal of Chemistry*. DOI: 10.1155/2021/6633052

[2019]

Statistical copolymerization of N-vinyl-pyrrolidone and alkyl methacrylates via RAFT: reactivity ratios and thermal analysis

Mitsoni et al. Journal of Polymer Research, 26: 118, 1-12. DOI: 10.1007/s10965-019-1776-7

[2017]

Statistical copolymers of N-vinylpyrrolidone and benzyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties and kinetics of thermal decomposition

Roka et al. Journal of Macromolecular Science/A, 55:3, 222. DOI: 10.1080/10601325.2017.1403858

[2017]

Statistical copolymers of N-vinylpyrrolidone and 2-(dimethylamino)ethyl methacrylate via RAFT: Monomer reactivity ratios, thermal properties and kinetics of thermal decomposition

Roka et al. Journal of Polymer Science/A, 55: 3776. DOI: 10.1002/pola.28763

NETWORKS AND MEMBERSHIPS

Association of Greek Chemists from 2014

ORCID ID: 0000-0001-9404-6285

Scopus Author ID: 57195978588

CONFERENCES AND SEMINARS

[12/12/2021 – 16/12/2021] Athens

Poly(N-Vinyl pyrrolidone) based amphiphilic block copolymers: Synthesis via RAFT, Thermal properties and Association behavior in dilute solutions

12th Hellenic Polymer Society International Conference, Oral Presentation

[09/06/2019 – 14/06/2019] Hersonissos, Heraklion, Crete, Greece

N-Vinylpyrrolidone based statistical and block copolymers via RAFT polymerization: association behavior in dilute solution by dynamic light scattering and viscometry

European Polymer Congress, Poster Presentation

[30/09/2018 – 03/10/2018] Ioannina, Greece

Synthesis of N- vinylpyrrolidone based copolymers via RAFT polymerization

12th Hellenic Polymer Society International Conference, Poster Presentation

RESEARCH INTERESTS

Synthesis of polymers with complicated architectures

Characterization of polymers

Chemical Modification of polymers – Organic Synthesis

RECOMMENDATIONS

Name: Pitsikalis Marinos | Professor, Department of Chemistry, National and Kapodistrian University of Athens

Email: pitsikalis@chem.uoa.gr

Name: Iatrou Hermis | Professor, Department of Chemistry, National and Kapodistrian University of Athens

Email: iatrou@chem.uoa.gr

Name: Violakis Vassilis | Head of the Laboratories Division, National Organization for Medicines (EOF)

Email: violakis@eof.gr