



Informații personale

Nume / Prenume **Atanase Leonard Ionut**

Adresă

Telefon

E-mail

Naționalitate **Romana**

Data nașterii

Sex **Masculin**

Experiența profesională

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

Iunie 2017-prezent

Decan al Facultatii de Medicina Dentara - Profesor titular habilitat (Comisia de inginerie chimică, inginerie medicală, știința materialelor și nanomateriale)

- titular cursuri si LP: Materiale dentare; Chimia materialelor dentare; Biomateriale; Nanomateriale
- coordonarea activitatii didactice din cadrul Facultatii de Medicina Dentara
- coordonarea si organizarea activitatilor practice ale studentilor Facultatii de Medicina Dentara
- activitati de cercetare in domeniul biomedical

Universitatea „Apollonia”, str. Pacurari, nr.11, Iasi, Romania

Invatamant si cercetare

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

2018-prezent

Coordonatorul Biroului de Relatii Internationale

-obtinerea cartei ERASMUS si implementarea programului ERASMUS+ in Universitatea „Apollonia” din Iasi prin depunerea proiectelor de mobilitate in cadrul programele KA103 si KA107

- stabilirea de parteneriate cu universitati din Franta, Belgia, Norvegia, Islanda, Argentina, Mauritius, Maroc, Egipt, Algeria, Tunisia, Cambogia, Vietnam, Grecia, Brazilia, Turcia, Moldova, Ucraina.
- Universitatea „Apollonia”, str. Pacurari, nr.11, Iasi, Romania

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Tipul activității sau sectorul de activitate

Decembrie 2015-Iunie 2017

Conferentiar asociat

- activitati pedagogice in cadrul Facultatii de Medicina Dentara
- coordonarea si organizarea activitatilor practice ale studentilor Facultatii de Medicina Dentara
- activitati de cercetare in domeniul biomedical

Universitatea „Apollonia”, str. Pacurari, nr.11, Iasi, Romania

Invatamant si cercetare

Perioada

Funcția sau postul ocupat

Activități și responsabilități principale

Numele și adresa angajatorului

Noiembrie 2014-Decembrie 2015

Inginer dezvoltare

- activitati de cercetare in domeniul chimiei macromoleculare cu aplicatii in cosmetica,
- publicarea de articole in reviste cu factor de impact ISI,
- dezvoltarea unui brevet.
- incadrarea si coordonarea studentilor de la master si licenta.

Aquitaine Science Transfert, 162, avenue du Docteur Albert Schweitzer, Pessac, Franta

Tipul activității sau sectorul de activitate

Cercetare si dezvoltare industrială

Perioada

Iulie 2010-Martie 2013

Funcția sau postul ocupat

Cercetator universitar

Activități și responsabilități principale

- activitati de cercetare fundamentala si aplicata in domeniul chimiei macromoleculare,
- publicarea de articole in reviste cu factor de impact ISI,
- incadrarea si coordonarea studentilor de la master si licenta.

Numele și adresa angajatorului

Université de Haute Alsace, Mulhouse, Franta

Tipul activității sau sectorul de activitate

Invatamant universitar si cercetare

Educație și formare

Perioada

2019-2021

Calificarea / diploma obținută

Master: Managementul si administrarea afacerilor

Numele și tipul instituției de învățământ

Facultatea de Design Industrial si Managementul Afacerilor, Universitatea Tehnica „Gh. Asachi” Iasi, Romania

Perioada

Octombrie 2018

Calificarea / diploma obținută

Atestat de abilitare pentru conducere de doctorat in chimia materialelor

Numele și tipul instituției de învățământ

Université de Haute Alsace, Mulhouse, Franta

Perioada

Octombrie 2006 – Mai 2010

Calificarea / diploma obținută

Doctorat in chimia materialelor: „*Contribution à l'étude des complexes Poly(vinyle alcool - vinyle acétate)/tensioactifs anioniques: caractéristiques colloïdales des nanogels et extension aux copolymères à blocs*”

Disciplinele principale studiate / competențe profesionale dobândite

- abilitati si aptitudini necesare lucrului intr-un mediu multicultural cu studenti de diferite nationalitati,
- pregatirea si planificarea, impreuna cu profesorul titular, a subiectelor si temelor de cercetare,
- sustinerea de seminarii si conferinte in prezenta membrilor laboratorului dar si a partenerilor din Industrie.

Numele și tipul instituției de învățământ

Université de Haute Alsace, Mulhouse, Franta

Perioada

Septembrie 2005 – Iulie 2006

Calificarea / diploma obținută

Master: chimie macromoleculara

Disciplinele principale studiate / competențe profesionale dobândite

- sinteza compusilor macromoleculari prin fotopolimerizare,
- caracterizarea moleculara si coloidală a polimerilor.

Numele și tipul instituției de învățământ

Université de Haute Alsace, Mulhouse, Franta

Perioada

Septembrie 2000 – Iulie 2005

Calificarea / diploma obținută

Inginer chimist

Disciplinele principale studiate / competențe profesionale dobândite

- sinteza si tehnologia compusilor macromoleculari,
- fizico-chimia polimerilor.

Numele și tipul instituției de învățământ

Universitatea Tehnica „Gh. Asachi”, Facultatea de Chimie Industrială, Iasi, Romania

Perioada

Septembrie 1996 – Iulie 2000

Calificarea / diploma obținută

Bacalaureat

Disciplinele principale studiate / competențe profesionale dobândite

- chimie,
- biologie.

Numele și tipul instituției de învățământ

Grup Scolar Industrial de Industrie Alimentara, Roman, Romania

Aptitudini și competențe personale

Limba maternă

Romana

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (*)

Franceza

Engleza

Înțelegere		Vorbire		Scriere
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
C1	C1	C1	C1	C1
B1	B1	B1	B1	C2

(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și abilități sociale	<ul style="list-style-type: none"> - Capacitate foarte bună de analiză și sinteză, - Atenție la detalii, - Rezistență mare la stres și la presiune generată de termene limită, - Profesionalism.
Competențe și aptitudini organizatorice	<ul style="list-style-type: none"> - Capacitate de lucru în echipă, - Inițiativă, - Asigurarea și respectarea unui planning.
Competențe și aptitudini tehnice	<ul style="list-style-type: none"> - Polimerizare radicalică controlată Raft-Madix, - Click-chemistry, - Prepararea și caracterizarea emulsiilor, - Caracterizare coloidală, - Dynamic Light Scattering (DLS), - Nuclear Magnetic Spectroscopy (NMR), - Size Exclusion Chromatography (SEC), - Differential Scanning Calorimetry (DSC), - Reologie. - Drug delivery systems - Polysaccharides
Competențe și aptitudini de utilizare a calculatorului	<ul style="list-style-type: none"> - Microsoft Office, - Internet Explorer.
Alte competențe și aptitudini	- Realizarea și coordonarea de colaborări de cercetare cu parteneri industriali.
Permis(e) de conducere	Categoria B

Informații suplimentare

Articole	<p>43. T. Riaz, N. Khenoussi, D.M. Rata, <u>L.I. Atanase</u>, D.C. Adolphe, C. Delaite. "Blend electrospinning of poly(ϵ-caprolactone) and poly(ethylene glycol-400) nanofibers loaded with Ibuprofen as a potential drug delivery system for wound dressings". <i>AUTEX Research Journal</i> (IF = 1.0), 2021, <i>accepted</i></p> <p>42. A.N. Cadinoiu, D.M. Rata, <u>L.I. Atanase</u>, C.T. Mihai, S.E. Bacaita, M. Popa. „Formulations Based on Drug Loaded Aptamer-Conjugated Liposomes as a Viable Strategy for the Topical Treatment of Basal Cell Carcinoma—In Vitro Tests”. <i>Pharmaceutics</i> (IF = 4.421) 2021, 13(6), 866</p> <p>41. N. Baranov, M. Popa, <u>L.I. Atanase</u>, D.L. Ichim. "Biopolymer-based drug delivery systems for the treatment of periodontitis", <i>Molecules</i> (IF = 3.267), 2021, <i>accepted</i></p> <p>40. C.E. Iurciuc-Tincu, <u>L.I. Atanase</u>, C. Jerome, V. Sol, P. Martin, M. Popa, L. Ochiuz. "Polysaccharides-Based Complex Particles' Protective Role on the Stability and Bioactivity of Immobilized Curcumin", <i>Int. J. Mol. Sci.</i> (IF = 4.556), 2021, 22, 3075.</p> <p>39. <u>L.I. Atanase</u>. "Micellar drug delivery systems based on natural biopolymers", <i>Polymers</i>, (IF=3.426), 2021, 13, 477.</p> <p>38. D.M. Rata, A.N. Cadinoiu, <u>L.I. Atanase</u>, M. Popa, C.T. Mihai, C. Solcan L. Ochiuz, G.Vochita, "Topical formulations containing aptamer-functionalized nanocapsules loaded with 5-fluorouracil - An innovative concept for the skin cancer therapy", <i>Mat. Sci. Eng.: C</i>, (IF= 4.95), 2021, 119, 111591.</p> <p>37. S. Salhi, J. Mahfoudh, <u>L.I. Atanase</u>, M. Popa, C. Delaite. "Random poly(ϵ-Caprolactone-L-alanine) by direct melt copolymerization". <i>Polym. Int.</i> (IF=2.574), 2020, 69, 1161-1168.</p> <p>36. C. Mihalache, D.M. Rata, A.N. Cadinoiu, X. Patras, E.V. Sindilar, S.E. Bacaita, M. Popa, <u>L.I. Atanase</u>, O.M. Daraba. "Bupivacaine-loaded chitosan hydrogels for topical anesthesia in dentistry". <i>Polym. Int.</i> (IF=2.574), 2020, 69, 1152-1160.</p> <p>35. C.E. Iurciuc-Tincu, L.I. Atanase, L. Ochiuz, C. Jerome, V. Sol, P. Martin, M. Popa. "Curcumin-loaded polysaccharides-based complex particles obtained by polyelectrolyte complexation and ionic gelation. I-particles obtaining and characterization". <i>Int. J. Biol. Macromol.</i> (IF=4.784). 2020, 147, 629-642.</p> <p>34. C.E. Iurciuc-Tincu, M.S. Cretan, V. Purcar, M. Popa, O.M. Daraba, <u>L.I. Atanase*</u>, L. Ochiuz. "Drug delivery system based on pH-sensitive biocompatible poly(2-vinyl pyridine)-b-poly(ethylene oxide) nanomicelles loaded with curcumin and 5-Fluorouracil". <i>Polymers</i> (IF = 3.164), 2020, 12, 1450.</p> <p>33. O.M. Daraba, A.N. Cadinoiu, D.M. Rata, <u>L.I. Atanase*</u>, G. Vochita."Antitumoral drug-loaded</p>
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- biocompatible polymeric nanoparticles obtained by non-aqueous emulsion polymerization", *Polymers* (IF = 3.164), 2020, 12, 1018.
32. A.N. Cadinoiu, D.M. Rata, L.I. Atanase, O.M. Daraba, D. Gherghel, G. Vochita, M. Popa. "Aptamer-functionalized liposomes as a potential treatment for Basal Cell Carcinoma", *Polymers* (IF = 3.164), 2019, 11, E1515.
31. J. Winninger, D.M. Iurea, L.I. Atanase*, S. Salhi, C. Delaite, G. Riess. "Micellization of novel biocompatible thermo-sensitive graft copolymers based on poly(ϵ -caprolactone), poly(N-vinylcaprolactam) and poly(N-vinylpyrrolidone)", *Eur. Polym. J.* (IF=3.62), 2019, 119, 74-82.
30. L.I. Atanase*, G. Riess. "Micellization of poly(2-vinylpyridine)-b-poly(cyclohexyl methacrylate) (P2VP-b-PCHMA) block copolymers and their interpolymer complex formation in non-aqueous medium", *J. Colloid Interface Sci.* (IF = 5.09), 2019, 549, 171-178.
29. D. Rata, A. Cadinoiu, L.-I. Atanase, E. S. Bacaita, C. Mihalache, O. Daraba, M. Popa. "In vitro behaviour of Aptamer-Functionalized Polymeric Nanocapsules Loaded with 5-Fluorouracil for Targeted Therapy", *Mat. Sci. Eng. C* (IF=4.95), 2019, 103, 109828.
28. I.P. Merlusca, C. Ibanescu, C. Tuchilus, M. Danu, L.I. Atanase, I.M. Popa. "Characterization of neomycin-loaded xanthan-chitosan hydrogels for topical applications". *Cellulose Chem. Technol.* (IF= 0.857), 2018, 53, 709-719.
27. L.I. Atanase*, G. Riess. „Self-Assembly of block and graft copolymers in organic solvents: An overview of recent advances", *Polymers* (IF = 2.935), 2018, 10, 62.
26. C.E. Iurciuc (Tincu), A. Savin, L.I. Atanase, M. Danu, P. Martin, M. Popa, "Encapsulation of *Saccharomyces cerevisiae* in hydrogel particles based gellan ionically cross-linked with zinc acetate", *Powder Technol.* (IF = 3.230), 2018, 325, 476-489.
25. L.I. Atanase*, C. Larraya, F.F. Tranchant, M. Save, "Rational design of tetrahydrogeraniol-based hydrophobically modified poly(acrylic acid) as emulsifier of terpene-in-water transparent nanoemulsions", *Eur. Polym. J.* (IF = 3.531), 2017, 94, 248-258.
24. C.E. Iurciuc (Tincu), A. Savin, L.I. Atanase, M. Danu, P. Martin, M. Popa., "Physico-chemical characteristics and fermentative activity of the hydrogel particles based on polysaccharides mixture with yeast cells immobilized, obtained by ionotropic gelation", *Food Bioprod. Process.* (IF = 2.744), 2017, 104, 104-123.
23. L.I. Atanase*, J. Desbrieres, G. Riess, „Micellization of synthetic and polysaccharides-based graft copolymers in aqueous media", *Prog. Polym. Sci.*(IF = 26.383), 2017, 73, 32-60.
22. C.E. Iurciuc, C. Peptu, A. Savin, L.I. Atanase, K. Souidi, G. Mackenzie, M. Patrick, G. Riess, M. Popa, "Microencapsulation of baker's yeast in gellan gum beads used in repeated cycles of glucose fermentation", *Int. J. Polym. Sci* (IF = 1.718), 2017, Article ID 7610420.
21. L.I. Atanase*, J.P. Lerch, S. Caprarescu, C.E. Iurciuc (Tincu), G. Riess, "Micellization of pH-sensitive poly(butadiene)-block-poly(2 vinylpyridine)-block-poly(ethylene oxide) triblock copolymers : Complex formation with anionic surfactants", *J. Appl. Polym. Sci.* (IF = 1.9), 2017, 134, 45313-45321.
20. J.P. Lerch, L.I. Atanase*, G. Riess, "Adsorption of non-ionic ABC triblock copolymers: surface modification of TiO₂ suspensions in aqueous and non-aqueous medium", *Appl. Surface Sci.* (IF = 4.439), 2017, 419, 713-719.
19. J.P. Lerch, L.I. Atanase*, V. Purcar, G. Riess. „Self-aggregation of poly(butadiene)-b-poly(2-vinylpyridine)-b-poly(ethylene oxide) triblock copolymers in heptane studied by viscometry and dynamic light scattering", *Comptes Rendu Chimie* (IF = 1.877), 2017, 20, 724-729.
18. S. Caprarescu, R. Ianchis, A.L. Radu, A. Sarbu, R. Somoghi, B. Trica, E. Alexandrescu, C.I. Spataru, R.C. Fierascu, D. Ion-Ebrasu, S. Preda, L.I. Atanase, D. Donescu, „Synthesis, characterization and efficiency of new organically modified montmorillonite polyethersulfone membranes for removal of zinc ions from wastewaters", *Appl. Clay Sci.* (IF = 3.641), 2017, 137, 135-142.
17. M.P. Vasiliu, L. Sachelarie, L.E. Dartu, E. Folescu, L. Atanase, A. Zaharia, „Surface state studies and biocompatibility of PMMA", *J. Biomim. Biomat. Biomed. Eng.*, 2016, 28, 57-65
16. S. Caprarescu, A. R. Miron, V. Purcar, A.L. Radu, A. Sarbu, D. Ion-Ebrasu, L.I. Atanase, M. Ghiurea, „Efficient removal of indigo carmine from dye by a separation process", *Water Sci. Technol.* (IF = 1.247), 2016, DOI: 10.2166/wst.2016.388
15. C. Petcu, V. Purcar, R. Ianchis, C.I. Spataru, M. Ghiurea, C.A. Nicolae, H. Stroescu, L.I. Atanase, A.N. Frone, B. Trica, D. Donescu, „Synthesis and characterization of polymer-silica hybrid latexes and sol-gel-derived films", *Appl. Surface Sci.* (IF = 4.439), 2016, 389, 666-672
14. L.I. Atanase*, S. Bistac, G. Riess, „Effect of poly(vinyl alcohol-co-vinyl acetate) copolymer blockiness on the dynamic interfacial tension and dilational viscoelasticity of polymer/anionic surfactant complex at the water/1-chlorobutane interface", *Soft Matter* (IF = 3.889), 2015, 11, 2665-2672

	<p>13. <u>L.I. Atanase*</u>, J.-P. Lerch, G. Riess, „Gelation and water dispersibility of nonaqueous emulsions stabilized by a PBut-P2VP-PEO triblock copolymer”, <i>Colloids Surfaces A</i> (IF = 2.829), 2015, 464, 89-95</p> <p>12. <u>L.I. Atanase*</u>, J. Winninger, C. Delaite, G. Riess, „Micellization and demicellization of amphiphilic poly(vinyl acetate)-graft-poly(N-vinyl-2-pyrrolidone) graft copolymers in the presence of sodium dodecyl sulfate”, <i>Colloids Surfaces A</i> (IF = 2.829), 2014, 461, 287-294</p> <p>11. <u>L.I. Atanase*</u>, G. Riess, „PEG 400/paraffin oil non-aqueous emulsions stabilized by PBut-block-P2VP block copolymers”, <i>J. Appl. Polym. Sci.</i> (IF = 1.9), 2014, 131, 41390</p> <p>10. <u>L.I. Atanase</u>, G. Riess, „Stabilization of non-aqueous emulsions by poly(2-vinylpyridine)-b-poly(butadiene) block copolymers”, <i>Colloids Surfaces A</i> (IF = 2.829), 2014, 458, 19-24</p> <p>9. <u>L.I. Atanase*</u>, G. Riess, „Water-dispersible non-aqueous emulsions stabilized by a poly(butadiene)-b-poly(vinylpyridine) block copolymer”, <i>Comptes Rendus Chimie</i> (IF = 1.877), 2014, 17, 310-315</p> <p>8. <u>L.I. Atanase*</u>, J. Winninger, C. Delaite, G. Riess, „Reversible addition-fragmentation chain transfert synthesis and micellar characteristics of biocompatible amphiphilic poly (vinyl acetate)-graft-poly(N-vinyl-2-pyrrolidone) copolymers”, <i>Eur. Polym. J.</i> (IF = 3.531), 2014, 53, 109-117</p> <p>7. <u>L.I. Atanase</u>, G. Riess, „Block copolymer stabilized non-aqueous biocompatible sub-micron emulsions for topical applications”, <i>Int. J. Pharm.</i> (IF = 3.862), 2013, 448, 339-345</p> <p>6. <u>L.I. Atanase</u>, G. Riess, „Micellization of pH-stimulable poly(2-vinylpyridine)-b-poly(ethylene oxide)copolymers and their complexation with anionic surfactants”, <i>J. Colloid Interface Sci.</i> (IF = 5.09), 2013, 395, 190-197</p> <p>5. <u>L.I. Atanase</u>, O. Glaied, G. Riess, „Crystallization kinetics of PCL tagged with well-defined positional triazole defects generated by click-chemistry”, <i>Polymer</i> (IF = 3.483), 2011, 52, 3074-3081</p> <p>4. <u>L.I. Atanase</u>, G. Riess, „Thermal cloud point fractionation of poly(vinyl alcohol-co-vinyl acetate): Partition of nanogels in the fractions”, <i>Polymers</i> (IF = 2.935), 2011, 3, 1065-1075</p> <p>3. <u>L.I. Atanase</u>, G. Riess, „Block copolymers as polymeric stabilizers in non-aqueous emulsion polymerization”, <i>Polym. Int.</i> (IF = 2.352), 2011, 60, 1563-1573</p> <p>2. <u>L.I. Atanase</u>, G. Riess, „Poly(vinyl alcohol-co-vinyl acetate) complex formation with anionic surfactants: particle size of nanogels and their disaggregation with sodium dodecyl sulfate”, <i>Colloids Surfaces A.</i> (IF = 2.829), 2010, 355, 29-36</p> <p>1. <u>L.I. Atanase*</u>, V. Boscher, T. Lasuye, B. Stasik, G. Riess, „Colloidal characteristics of vinyl alcohol-vinyl acetate copolymers by complex formation with sodium dodecyl sulphate”, <i>Rev. Roum. Ch.</i> (IF = 1.412), 2009, 54(7), 577-581</p>
Proiecte de cercetare	<p>12. Coordonator proiect: JINR (Dubna)-Romania: „Investigation by scattering techniques of drug loaded polymeric nanoparticles” (JINR Dubna, 2021-2022, 2300 USD)</p> <p>11. Director proiect Romania-Walonia (Belgia) (PN-III-CEI-BIM-PBE-2020-0007): “Continuous flow preparation of biocompatible and biodegradable particles for the controlled release of a drug” (2021-2022)</p> <p>10. Director proiect: Tinere echipe (TE) PN-III-P1-1.1-TE-2019-0664: “Design and “in vitro” assessment of novel biocompatible and biodegradable polyester block copolymers based on poly(ethylene adipate) and poly(ε-caprolactone) as drug delivery systems” (2020-2022)</p> <p>9. Key person – membru: Collaborative research projects Romania-Norvegia: “Active targeted drug delivery systems based on peptide-functionalized magnetic nanoparticles for the treatment of inner ear diseases” (2020-2023)</p> <p>8. Coordonator grant: JINR (Dubna)-Romania: „Preparation and characterization of liposomes loaded with antimicrobial natural-based active principles” (2020-2021)</p> <p>7. Coordonator proiect: JINR (Dubna)-Romania: “Investigation by scattering techniques of the structural changes of some nanosized drug delivery systems upon encapsulation of different active principles” (2019-2020, 1500 USD)</p> <p>6. Director proiect de mobilitate Romania-Norvegia (2018)</p> <p>5. Director proiect: Tinere echipe (TE): PN-III-P1-1.1-TE-2016-0532 - “Biomaterials obtained from drug-loaded non-aqueous emulsions” (2018-2020)</p> <p>4. Membru: Proiecte de cercetare exploratorie (PCE): PN-III-P4-ID-PCE-2016-0613 - “Topical nanoparticle formulations with aptamer for the treatment of basal cell carcinoma” (2017-2019)</p> <p>3. Director de proiect: proiect intern Universitatea “Apollonia”: “Nanoparticulate systems based on poly(2-vinyl pyridine) -poly(ethylene oxide) copolymers loaded with active substances for biomedical applications” (2016-2018)</p> <p>2. Coordonator: proiect Romania-Walonia (Belgia): “Nanoparticles based on chitosan functionalized with aptamer for targeting tumor cells” (2017-2018)</p> <p>1. Director de proiect: proiect intern Universitatea “Apollonia”: “Synthesis and characterization of poly(mircen)-b-poly (itaconic acid) copolymers: Cosmetic and Biomedical Applications” (2015-2016)</p>
Brevete	<p>WO2016059349, 2016, “Amphiphilic Acrylic Copolymers, Preparation Method, And Transparent Fragrance Product” Alves Marie-Hélène [Fr]; Save Maud [Fr]; Billon Laurent [Fr]; Gombart Emilie [Fr]; Tranchant Jean-François [Fr]; Atanase Léonard I [Ro]; Lvmh Rech [Fr]; Univ Pau Et Des Pays De L Adour [Fr]; Centre Nat Rech Scient [Fr]</p>

<p>Carti si capitol de carti</p>	<ol style="list-style-type: none"> 1. <u>L.I. Atanase</u>, „<i>Etude des complexes PVA/tensioactifs anioniques: Caracteristiques colloïdales des nanogels et extension aux copolymères a blocs</i>”, Editions universitaires europeennes, 2011, ISBN (978-613-1-53919-0) 2. <u>L.I. Atanase</u> and G. Riess, „<i>Colloidal and surfactant properties of poly(vinyl acetate-co-vinyl alcohol) copolymers</i>” in „<i>Acetate: Versatile building block of biology and chemistry</i>”, Ed: D.A. Sanders, Nova Science Pub Inc, 2013, p.97-142. 3. C.E. Iurciuc (Tincu), <u>L.I. Atanase</u>, M. Popa, “<i>Physicochemical and Biological Properties of Carboxymethyl Cellulose</i>” in “<i>Carboxymethylcellulose: Properties, Applications and Effectiveness</i>”, Ed. I.H. Mondal. Nova Science Pub Inc, 2019, chapter 5. ISBN: 978-1-53614-742-1 4. A.N. Cadinoiu, D.M. Rata, <u>L.I. Atanase</u>, “<i>Biocompatible injectable polysaccharide materials for drug delivery</i>” in “<i>Polysaccharide Carriers for Drug Delivery</i>”, Eds: S. Maiti and S. Jana, Elsevier, 2019, 127-148. 5. D.M. Rata, A.N. Cadinoiu, <u>L.I. Atanase</u>, V. Burlui, “<i>Polysaccharide-based orodental delivery systems</i>” in “<i>Polysaccharide Carriers for Drug Delivery</i>”, Eds: S. Maiti and S. Jana, Elsevier, 2019, 685-711. 6. L.I. Atanase. “<i>Micellar drug delivery systems based on amphiphilic block and graft polysaccharides</i>” in “<i>Tailor-made and functionalized biopolymer systems for drug delivery and biomedical applications</i>”. Eds. H. Bera, B. Layek, J. Singh. Elsevier, 2021, cap. 11, 351-382. (ISBN: 978-0-12-821437-4)
<p>Conferinte orale internationale</p>	<ol style="list-style-type: none"> 1. «<i>Etude des interactions poly (vinyle alcool)-tensioactifs anioniques</i>» - Franco-Romanian Symposium on Polymers (CFR 8), 2007, Saint Martin-d'Hères, France; Authors : <u>L.I. Atanase</u>, G. Riess 2. «<i>Méthodes des synthèses de copolymères à blocs amphiphiles PVA-b-PVAc</i>» - Franco-Romanian Symposium on Polymers (CFR 9), 2009, Alba Iulia, Romania; Authors: <u>L.I. Atanase</u>, M. Hamcerencu, O. Glaied, C. Delaite, G. Riess. 3. «<i>Synthèse et propriétés physico-chimiques de copolymères greffés biocompatibles à base de PVAc</i>» - Franco-Romanian Symposium on Polymers (CFR 10), 2011, Douai, France; Authors : <u>L.I. Atanase</u>, J. Winninger, C. Delaite, G. Riess 4. «<i>Emulsions non-aqueuses biocompatibles stabilisées par des copolymères à blocs</i>» - Club Emulsion, 2015, Pau, France; Authors : <u>L.I. Atanase</u>, G. Riess 5. «<i>Relation structure-propriétés de copolymères amphiphiles intégrant des synthons biosourcés</i>», <i>Compamphi</i>, 2016, Bordeaux, France; Authors: <u>L. Atanase</u>, M.H. Alves, L. Billon, S. Chen, L. Etchenausia, A. Lespes, V. Pellerin, M. Save 6. «<i>Non-aqueous emulsions with cosmetic and biomedical applications</i>», International Conference of University “Apollonia”, 2017, Iasi, Romania; Authors : <u>L.I. Atanase</u>, G. Riess, 7. «<i>Development of amphiphilic graft copolymers</i>», 7th Organic Chemistry Conference, 2017, Hammamet, Tunisia; Authors: J. Winninger, <u>L.I. Atanase</u>, C. Delaite, G. Riess. 8. «<i>Stability studies and release of curcumin immobilized in particles based in polysaccharides</i>», International Conference of University “Apollonia”, 2018, Iasi, Romania; Authors: C.E. Iurciuc, <u>L.I. Atanase</u>, P. Martin, M. Popa. 9. «<i>5-Fluorouracil-loaded nanovectors used in anticancer therapy</i>», International Conference of University “Apollonia”, 2018, Iasi, Romania; Authors: D.M. Rata, A.N. Cadinoiu, <u>L.I. Atanase</u>, C.G. Mandric, M. Popa. 10. «<i>pH-sensitive block copolymers micelles as possible vehicles for delivery of anionic drugs</i>», . International Conference of University “Apollonia”, 2018, Iasi, Romania; Authors: <u>L.I. Atanase</u>, A.N. Cadinoiu, D. Rata, M. Popa 11. «<i>Small unilamellar vesicles for basal cell carcinoma therapy</i>», International Conference of University “Apollonia”, 2018, Iasi, Romania; Authors: A.N. Cadinoiu, D. Rata, <u>L.I. Atanase</u>, M. Popa. 12. «<i>Self-assembly of Biocompatible Copolymers in Organic Media</i>», Symposium of Drug Delivery Systems (SDDS), 2018, Saint Petersburg, Russia; Authors: <u>L.I. Atanase</u>, A.N. Cadinoiu, D. Rata, G. Riess.
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	Bucuresti, Romania; Authors: L.I. Atanase, L. Romila, M. P. Vasiliu, D. Tomița, C. Mihalache, N. Baranov.
Postere	<ol style="list-style-type: none"> 1. «Polymérisation en suspension du chlorure de vinyle: «émulsions modèles» stabilisées par des complexes tensio-actifs macromoléculaires (PVA)/anioniques (SDS)» -Club Emulsion, 2006, Strasbourg, France 2.«Biocompatible polymeric surfactants based on PVA and PVAc. Colloidal characteristics of complex formation in the presence of sodium dodecyl sulphate » -7th World Surfactants Congress (CESIO), 2008, Paris, France 3.«Colloidal characteristics of vinyl alcohol-vinyl acetate copolymers: formation of polyelectrolyte complexes in the presence of sodium dodecyl sulphate »-7th International Conference Polymer-Solvent Complexes & Intercalates, 2008, Marrakech, Morocco 4.«Stabilisation d'émulsion chlorobutane/eau par des complexes PVA - tensioactifs anioniques» -Club Emulsion, 2008, Lyon, France 5.« Synthesis and crystalline properties of PVAc-b-PCL block copolymers based on click chemistry, ROP and RAFT polymerization», Aquitaine Conferences-Polymers, 2009, Bordeaux, France 6.« Emulsion Stabilization by Polymeric Surfactants and Their Complexes with SDS: Colloidal and Interfacial Viscoelastic Characteristics», -8th World Surfactants Congress (CESIO), 2011, Vienna, Austria 7.« Synthesis and colloidal properties of PVAc based amphiphilic biocompatible copolymers », -COPAMPHI 2012, Toulouse, France 8.«Biocompatible non-aqueous emulsions stabilized by block copolymers for drug delivery applications» - Formula VII, 2013, Mulhouse, France 9. « Terpene based macromolecular surfactants for styrene miniemulsion polymerization » - 29th Conference of the European Colloids and Interface Society, 2015, Bordeaux, France 10. «The influence of tannic acid on biocompatibility of chitosan-based nanoparticles», National Congress with Internat. Particip. of RSCB, the 34nd Annual Scientific Session of RSCB, 2016, Oradea, Romania 11. «Development of poly(ϵ-caprolactone)-g-poly(N-vinylcaprolactam) amphiphilic graft copolymers». International Conference of University "Apollonia", 2018, Iasi, Romania 12. «Functionalisation of chitosan with aptamer for targeted drug delivery», 3th International Conference on nanomaterials: Synthesis, Characterization and applications, 2018, Kottayam, India 13. «5-fluorouracil loaded PEGylated liposomes: potential application in the treatment of basal cell carcinoma», 3th International Conference on nanomaterials: Synthesis, Characterization and applications, 2018, Kottayam, India 14. «Biomaterial Properties Evaluation of Aptamer-Functionalized Polymeric Nanocapsules», 8th Annual International Symposium of Drug Delivery Systems, 2018, Sankt Petersburg, Russia 15. «Aptamer-Functionalized Liposomes - A New Attempt to Treat Basal Cell Carcinoma», 4th International Conference on Biomedical Polymers & Polymeric Biomaterials, 2018, Kraków, Poland 16. «Nanocapsules Based on Chitosan Carboxylate and Poly(N-Vinylpyrrolidone-alt-Itaconic Anhydride) - A Promising Alternative for the Basal Cell Carcinoma Treatment», 4th International Conference on Biomedical Polymers & Polymeric Biomaterials, 2018, Kraków, Poland 17. «Topical emulsions for transdermal active targeted drug delivery», European Polymer Congress, EPF 2019, Heraklion, Greece 18. «Polymeric Nanocapsules Loaded with 5-Fluorouracil for Targeted Cancer Therapy», European Polymer Congress, EPF 2019, Heraklion, Greece
Premii si onoruri	<p>2003 – Premiul intai "Inorganic Chemistry Competition", Facultatea de Chimie Industriala, Iasi, Romania</p> <p>2009 - Second place, Les Doctoriales d'Alsace, Mittelwihr, France</p> <p>2016 – Profesor invitat: Universite de Pau, Pau, France</p> <p>2018,2019 – Profesor invitat: Universite de Haute Alsace, Mulhouse, France</p>
Membru	<p>"International Polymer Colloid Group" (IPCG)</p> <p>"Chemistry Society of Romania" (SChR)</p> <p>"Romanian Biomaterials Society" (SRB)</p> <p>Editorial board of the journal "International Journal of Medical Dentistry"</p> <p>Organization committee of the "International Conference of the University Apollonia"</p> <p>Administration Council of the University "Apollonia", Iasi, Romania</p>
Referent	<p>ACS Applied Materials&Interfaces (IF = 8.097)</p> <p>ACS MacroLetters (IF = 6.131)</p> <p>Macromolecules (IF = 5.914)</p> <p>Journal of Colloids and Interface Science (IF = 5.09)</p> <p>Journal of Molecular Liquids (IF = 4.513)</p> <p>Applied Surface Science (IF = 4.439)</p> <p>Industrial&Engineering Chemistry Research (IF = 3.14)</p> <p>Polymers (IF = 2.935)</p> <p>Colloid and Surfaces A (IF = 2.829)</p> <p>Materials (IF = 2.728)</p> <p>Journal of Applied Polymer Science (IF = 1.9)</p> <p>Asia-Pacific Journal of Chemical Engineering (IF = 1.238)</p> <p>Microbiology Research Journal International</p> <p>Journal of Applied Life Sciences International</p> <p>ACS Omega</p>
Editorial	"International Journal of Medical Dentistry",

Board	"Nanoparticles Journal" "Applied Chemistry"
Guest Editor	Polymers (IF = 3.426) ; Polymer International (IF = 2.352); Molecules (IF = 3.060); International Journal of Molecular Science (IF = 4.183)

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Semnatara:

Atanase Leonard
