

INFORMATII PERSONALE

Lucia / MOLDOVAN

+40-21 220 0882 +40-726257780

moldovanlc@yahoo.com

Data nasterii 18 iulie 1952

EXPERIENTA PROFESIONALA

Ian 2001 - prezent

Cercetator stiintific grad I,

Sef Departament Biologie Celulara si Moleculara (2001-2017)

Numele institutiei: Institutul National de C&D pentru Stiinte Biologice (INCDSB), Splaiul Independentei 296, 060031, Bucuresti, Romania)

Activitati si responsabilitati principale:

Manager de proiecte de cercetare-dezvoltare:

PN II – 62059 CARTBIOTEH, CEEX CALIST 6114, BIOTECH 3312, VIASAN 472, CNC SIS Grant 81, BIOTECH 48

Responsabil de proiect pentru 12 contracte in CEEX, Programe de Cercetare PN I si PN II

Membre in Consiliul Stiintific al INCDSB

Competente stiintifice in:

Biochimia si patologia matricei extracelulare

Dezvoltarea de scaffold-uri pe baza componente ale matricei extracelulare cu aplicatii in ingineria tisulara

Prepararea de extracte naturale si biomateriale pentru medicina regenerativa

Tehnici de extractie si purificare a componentelor matricii extracelulare din tesuturi animale si a compusilor biologic activi din extracte vegetale

Testarea in vitro a biocompatibilitatii biomaterialelor si a dispozitivelor medicale in conformitate cu regulile europene

Tehnici biochimice de caracterizare a componentelor extrase: cromatografie (schimb de ioni, TLC, HPLC), electroforeza (orizontala, verticala), zimografie, western-blotting, UV-VIS, spectrometrie

Aria de activitate Cercetare si Dezvoltare in stiinte naturale si inginerie (cod CAEN 7219)

Aug 1984 - Dec 2000

Cercetator stiintific

Numele institutiei: Institutul National de C&D pentru Stiinte Biologice (INCDSB), Splaiul Independentei 296, 060031, Bucuresti, Romania)

Activitati si responsabilitati principale:

Responsabil de proiect, activitate de inovare

Membre in Consiliul Stiintific al INCDSB

Aria de activitate Cercetare si Dezvoltare in stiinte naturale si inginerie (cod CAEN 7219)

Aug 1977 - Iul 1984

Inginer chimist

Numele institutiei: Fabrica de Medicamente Biofarm, Bucuresti

Activitati si responsabilitati principale:

Sef de Laborator pentru prepararea si conditionarea de medicamente injectabile

Aria de activitate Productie de formule farmaceutice (cod CAEN 2120)

EDUCATIE SI FORMARE

18-19 Iunie 2001

Calificari obtinute: CEFOR IV – Centru de Formare Post-Universitarain Domeniul Stiintelor Vietii

Numele institutiei de invatamant sau formare: Ambasada Frantei in Romania si Universitatea Bucuresti

Disciplinele principale studiate sau competente dobandite: Stiintele Vietii

Sept 1992 - Dec 1998

Calificare obtinuta: Doctorat in Biologie
Numele institutiei de invatamant sau formare: Universitatea Bucuresti, Facultatea de Biologie

Disciplinele principale studiate sau competente dobandite: Cercetari fundamentale si aplicate de biologie si biochimie a matricei extracelulare de la nivelul corneei

5-9 Iun 1995

Calificare obtinuta: Scoala de Vara Glicostiinta: Glicobiologie si Glicotehnologie, Iasi

Numele institutiei de invatamant sau formare: Ambasada Frantei in Romania

Disciplinele principale studiate sau competente dobandite: Tehnici in Glicobiologie si Glicotehnologie

Sept 1972 - Iun 1977

Calificare obtinuta: Licenta in Chimie
Numele institutiei de invatamant sau formare: Institutul Technic "Gh. Asachi" Iasi, Facultatea de Chimie Industriala, Specializarea Chimie Organica

Disciplinele principale studiate sau competente dobandite: Chimie organica

APTITUDINI SI COMPETENTE PERSONALE

Limba materna

Romana

Limbi straini cunoscute (*)

	INTELEGERE		VORBIRE		SCIERE
	Ascultare	Citire	Participare la conversatie	Discurs oral	
Engleza	B2 UTILIZATOR INDEPENDENT	B1 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT	B1 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT
Franceza	B1 UTILIZATOR INDEPENDENT	B1 UTILIZATOR INDEPENDENT	B1 UTILIZATOR INDEPENDENT	A2 UTILIZATOR BAZAA2	UTILIZATOR BAZA

(*) Nivelul Cadrelui European Comun de Referinta Pentru Limbi Straine

Competențe și abilități sociale

 Munca in echipa: Experienta vasta in conducerea de echipe de cercetare, in dezvoltarea de proiecte de cercetare, membru in parteneriate de cercetare
 Membru al Societatii Romane de Biochimie si Biologie Moleculara (afiliata FEBS)
 Membru al Societatii Romane de Biomateriale (afiliata ESB)
 Membru al Platformei Europene de Nanomedicine

Competențe și aptitudini organizatorice

 Lider de Grup si Sef de Departament timp de 16 ani
 1990-2017- Manager/Responsabil de proiect a 10 proiecte nationale si 11 proiecte consortiu complexe, cu coordonarea a 2-5 parteneri

Competențe și aptitudini tehnice

Bune abilitati de operare a echipamentelor de cercetare

Competențe și aptitudini de
utilizare a calculatorului

AUTO-EXAMINARE				
Procesarea Informației	Comunicare	Creare de continut	Siguranța	Rezolvare de probleme
B2 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT	B2 UTILIZATOR INDEPENDENT

Programe Microsoft Office (Word, Excel, PowerPoint)

Alte abilitati Contabilitate

INFORMATII SUPLIMENTARE

Publicatii	154 articole stiintifice – 67 articole ISI (vezi lista)
Citari	514
Prezentari	12 capitole de carte (vezi lista)
Brevete de inventie	25 brevete de inventie (vezi lista)
h-index	12
Premii	Premii obtinute la activitati de inovare: 12 medalii pentru brevete la World Exhibition of Inventions and Innovations Research Eureka – Bruxelles, International Exhibition of Inventions Geneva, International Fair of Inventions 2000 Genius Budapesta
Membru	Reviewer: Romanian Biotechnological Letters
Certificari	Evaluator teze de doctorat (Universitatea Bucuresti-2008; 2009; 2011; 2015; 2016; 2018; Universitatea Tehnica Gh. Asachi Iasi-2005; Institutul de Chimie Macromoleculara Petru Poni-2008; Universitatea Politehnica Bucuresti 2015)
	Consultant pentru practica studentilor la Universitatea Bucuresti, Facultatea de Biologie (1998-2011)

LISTA DE PUBLICATII

I. Articole ISI selectate

1. Tatia R., Zalaru C., Craciunescu O., **Moldovan L.**, Oancea A., Calinescu I., 2019, Optimization of Triterpene Saponins Mixture with Antiproliferative Activity, Applied Sciences, 9(23), 516.
2. Gaspar-Pintilieșcu A., Stefan L., Anton E., Berger D., Matei C., Negreanu-Pirjol T., **Moldovan L.**, Physicochemical and Biological Properties of Gelatin Extracted from Marine Snail Rapana venose, Marine Drugs, 17 (10), 589.
3. Voicescu M, Ionescu S, Manoiu VS, Anastasescu M, Craciunescu O, **Moldovan L**, 2019, Synthesis and biophysical characteristics of riboflavin/HAS protein system on silver nanoparticles, Mat Sci Eng C 96: 30-40
4. Craciunescu O, Gaspar-Pintilieșcu A, Seciu AM, **Moldovan L**, Zarnescu O, 2019, Structure and cytocompatibility of a porous biomimetic material for oral tissue wound healing, physica status solidi (a) 216.11: 1800638
5. Gaspar-Pintilieșcu A, Seciu AM, Miculescu F, **Moldovan L**, Ganea E, Craciunescu O, 2018, Enhanced extracellular matrix synthesis using collagen dressings loaded with *Artemisia absinthium* plant extract, Journal of Bioactive and Compatible Polymers 33.5: 516-528
6. Zarnescu O, Craciunescu O, Seciu AM, Stanciuc AM, **Moldovan L**, 2018, Collagen-chondroitin 4-sulfate-fibronectin scaffold: characterization and *in vitro* biocompatibility, Journal of Biotechnology 280 S91
7. Zalaru C, Dumitrascu F, Draghici C, Tarcomnicu I, Tatia R, **Moldovan L**, Chifiriuc MC, Lazar V, Marinescu M, Nitulescu MG, Ferbinteanu M, 2018, Synthesis, spectroscopic characterization, DFT study and antimicrobial activity of novel alkylaminopyrazole derivatives, Journal of Molecular Structure, 1156, 12-21

8. Voicescu M, Ionescu S, Nistor CL, Craciunescu O, Tatia R, **Moldovan L**, Teodorescu VS, 2017, Synthesis, physicochemical characterization and cytotoxic properties of riboflavin loaded Myrj52-silver nanoparticles, *New Journal of Chemistry*, **41**, 5533-5541
9. Lacatusu I, Badea G, Popescu M, Bordei N, Istrati D, **Moldovan L**, Seciu AM, Panteli MI, Rasit I, Badea N, 2017, Marigold extract, azelaic acid and black caraway oil into lipid nanocarriers provides a strong anti-inflammatory effect in vivo, *Industrial Crops and Products*, **109**, 141-150
10. Voicescu M, Neacsu G, Beteringhe A, Craciunescu O, Tatia R, **Moldovan L**, 2017, Antioxidant and cytotoxic properties of riboflavin in PEG/BSA systems, *Chemical Papers*, **71**, 1107-1117
11. Petrescu A.-M., **Moldovan L**, Zarnescu O, 2016, Morphology and ultrastructure of the somatic cells in *Astacus leptodactylus* ovary, *Journal of Morphology*, **277**(1), 118-127
12. Gaspar A, Constantin D., Seciu A-M, **Moldovan L**, Craciunescu O, Ganea E., 2016, Human adipose-derived stem cells differentiation into epidermal cells and interaction with human keratinocytes in co-culture, *Turkish Journal of Biology*, **40**(5), 1111-1120
13. Seciu Ana-Maria, Oancea Anca Olguta, Gaspar Alexandra, **Moldovan Lucia**, Craciunescu Oana, Stefan Laura, Petrus Valentin Marius, Georgescu Florentina, 2016, Water use efficiency on cabbage and cauliflower treated with a new biostimulant composition, *Agriculture and Agricultural Science Procedia*, **10**, 475-484, DOI: 10.1016/j.aaspro.2016.09.019
14. Dulamea AO, Sirbu-Boeti MP, Bleotu C, Dragu D, **Moldovan L**, Lupescu I, Comi G, 2015, Autologous mesenchymal stem cells applied on the pressure ulcers had produced a surprising outcome in a severe case of neuromyelitis optica, *Neural Regeneration Research*, **10**(11), 1841-1845
15. Voicescu M, Craciunescu O, **Moldovan L**, Anastasescu M, Angelescu DG., Teodorescu VS., 2015, Physicochemical characterization and in vitro cytotoxic effect of 3-hydroxyflavone in a silver nanoparticles complex, *Journal of Fluorescence*, **25**(5), 1215-1223
16. Badea P, Petrescu A, **Moldovan L**, Zarnescu O, 2015, Structural heterogeneity of intraluminal content of the prostate: a histochemical and ultrastructural study, *Microscopy and Microanalysis*, **21**(2), 368-376
17. Dulugiac M, **Moldovan L**, Zarnescu O, 2015, Comparative studies of mesenchymal stem cells derived from different cord tissue compartments – The influence of cryopreservation and growth media, *Placenta*, **36**(10), 1192-1203
18. Craciunescu O., Gaspar A., Trif M., Moisei M., Oancea A., **Moldovan L.**, Zarnescu O., 2014, Preparation and characterization of a collagen-liposome-chondroitin sulfate matrix with potential application for inflammatory disorders treatment, *Journal of Nanomaterials*, vol. 2014, Article ID 903691, 9 pages, <http://dx.doi.org/10.1155/2014/903691>
19. Gaspar A., Craciunescu O., Trif M., Moisei M., **Moldovan L.**, 2014, Antioxidant and anti-inflammatory properties of active compounds from *Arnica montana* L., *Romanian Biotechnological Letters*, **19**(3), 9353-9365
20. Zalaru C., Crisan C.C., Calinescu I., Moldovan Z., Tarcomnicu I., Litescu S.C., Tatia R., **Moldovan L.**, Boda D., Iovu M., 2014, Polyphenols in *Coreopsis tinctoria* Nutt. Fruits and the plant extracts antioxidant capacity evaluation, *Central European Journal of Chemistry*, **12**(8), 858-867
21. Stancu E.C., Stanciu A.M., Vizireanu S., Luculescu C., **Moldovan L.**, Achour A., Dinescu G., 2014, Plasma functionalization of carbon nanowalls and its effect on attachment of fibroblast-like cells, *Journal of Physics D: Applied Physics*, **47**(26), doi:10.1088/0022-3727/47/26/265203
22. Batalu D., Stanciu A.-M., **Moldovan L.**, Aldica G., Badica P., 2014, Evaluation of pristine and Eu2O3-added MgB2 ceramics for medical applications : hardness, corrosion resistance, cytotoxicity and antibacterial activity, *Materials Science and Engineering: C*, **42**, 350-361
23. Craciunescu O., **Moldovan L.**, Moisei M., Trif M., 2013, Liposomal formulation of chondroitin sulphate enhances its antioxidant and anti-inflammatory potential in L929 fibroblast cell line, *Journal of Liposome Research*, **23**(2), 145-153
24. Zarnescu O., Stavri S., **Moldovan L.**, 2013, Inhibition of caudal fin regeneration in *Corydoras aeneus* by lithium chloride, *Micron*, **46**, 66-75
25. Craciunescu O., **Moldovan L.**, Roseanu A., Moisei M., Gaspar A., Stanciu A.-M., Constantin D., Trif M., 2012, Lipid vesicles entrapping bioactive agents protect chondrocyte cells against hydrogen peroxide-induced inflammation, *Romanian Journal of Biochemistry*, **49**(2), 139-152
26. Craciunescu O., Constantin D., Gaspar A., Toma L., Utoiu E., **Moldovan L.**, 2012, Evaluation of antioxidant and cytoprotective activities of *Arnica montana* L. and *Artemisia absinthium* L. ethanolic extracts, *Chemistry Central Journal*, **6**, doi: 10.1186/1752-153X-6-97
27. Mihai R., Florescu I.P., **Moldovan L.**, Oancea A., Stanciu A.M., The characterization of natural and synthetic polymers used for nervous conduits manufacture, *Annals of Plastic Surgery and Reconstructive Microsurgery*, Issue 3 / 2011
28. Mihai R., Florescu I.P., **Moldovan L.**, Oancea A., Giuglea C., 2011, An overview on nervous conduits and stem cells association, *Therapeutics, Pharmacology and Clinical Toxicology*, **XV**(3), 181-184
29. Gaspar A., **Moldovan L.**, Constantin D., Stanciu A.M., Sarbu Boeti P.M., Efrimescu I.C., 2011, Collagen-based scaffolds for skin tissue engineering, *Journal of Medicine and Life*, **4**(2), 172-177

30. **Moldovan L.**, Gaspar A., Toma L., Craciunescu O., Saviuc C., 2011, Comparison of polyphenolic content and antioxidant capacity of five Romanian traditional medicinal plants, *Revista de Chimie*, **62**(3), 299-303
31. Craciunescu O., Tardei Ch., **Moldovan L.**, Zarnescu O., 2011, Magnesium substitution effect on porous scaffolds for bone repair, *Central European Journal of Biology*, **6**(3), 301-311
32. Stanciuc A.M., Gaspar A., **Moldovan L.**, Saviuc C., Popa M., Marutescu L., 2011, In vitro antimicrobial activity of Romanian medicinal plants hydroalcoholic extracts on planktonic and adhered cells, *Roumanian Archives of Microbiology and Immunology*, **70**(1), 11-14
33. Zarnescu O., Craciunescu O., **Moldovan L.**, 2010, Collagen-chondroitin sulphatehydroxyapatite porous composites: a histochemical and electron microscopy approach, *Microscopy and microanalysis*, **16**(2), 137-142
34. Stancu E.C., Ionita M.D., Vizireanu S., Stanciuc A.M., **Moldovan L.**, Dinescu G., 2010, Wettability properties of carbon nanowalls layers deposited by a radiofrequency plasma beam discharge, *Materials Science and Engineering B-Advanced, Functional Solid-State Materials*, **169**(1-3), 119-122
35. Mihele D., **Moldovan L.**, Mihele D., Darmanescu D., Georgescu S.R., 2010, Determination on cell cultures of the proliferative action of some semisolid preparations for topical use with Amygdali oleum, *Farmacia*, **58**(1), 102-107
36. Craciunescu O., **Moldovan L.**, Tardei Ch., Sbarcea G., 2010, Carbodiimide crosslinked nanocomposite materials designed for bone tissue regeneration, *Materiale Plastice*, **47**(1), 59-63
37. Crivoi F., Stefan L., **Moldovan L.**, Vasile C., 2009, New biocompatible materials by PVA/HC and biological polymers, *Journal of Optoelectronics and Advanced Materials*, **11**(3), 356-365.
38. Raschip IE, **Moldovan L.**, Stefan L., Oancea A., Vasile C., 2009, Compatibility and cytotoxicity testing of some new biomaterials based on polyurethane and hydroxypropylcellulose blends, *Optoelectronics and Advanced Materials – Rapid Communications*, **3**(12), 1336 – 1342
39. **Moldovan L.**, Craciunescu O., Oprita E.I., Balan M., Zarnescu O., 2009, Collagenchondroitin sulfate-hydroxyapatite porous composites: preparation, characterization and in vitro biocompatibility testing, *Romanian Biotechnological Letters*, **14**(3), 4459-4466
40. **Moldovan L.**, Craciunescu O., Zarnescu O., Macocinschi D., Bojin D., 2008, Preparation and characterization of new biocompatibilized polymeric materials for medical use, *Journal of Optoelectronics and Advanced Materials*, **10**(4), 942-947
41. **Moldovan L.**, Craciunescu O., Balan M., Gaspar A., Gherghina E., 2008, The purification, physico-chemical characterization and bioactivity of polysaccharides from *Viscum album*, *Revista de Chimie*, **59**(9), 1022-1025
42. Oprita EI, **Moldovan L.**, Craciunescu O., Zarnescu O., 2008, In vitro behaviour of osteoblast cells seeded into a COL/TCP composite scaffold, *Central European Journal of Biology*, **3**(1), 31-37
43. Trif M., **Moldovan L.**, Moisei M., Craciunescu O., Zarnescu O., 2008, Liposomes entrapped chondroitin sulphate: Ultrastructural characterization and in vitro biocompatibility, *Micron*, **39**(7), 1042-1045
44. Craciunescu O., Stefan L., Balan M., **Moldovan L.**, 2007, Evaluation of the radioprotective activity of new green tea-collagen materials, *Journal of Optoelectronics and Advanced Materials*, **9**(8), 2602-2607
45. Oprita EI, **Moldovan L.**, Craciunescu O., Buzgariu W., Tardei Ch., Zarnescu O., 2006, A bioactive collagen-beta tricalcium phosphate scaffold for tissue engineering, *Central European Journal of Biology*, **1**(1), 61-72

II. Capitele de carte selectate

1. Anca Oancea, **Lucia Moldovan**, Oana Craciunescu, G.L. Radu, 2001, Physicochemical and biochemical characterization of polysaccharides, in *Tendinte Actuale in Biotehnologie* (coordonator G.L. Radu), Ed. Ilex, p. 267-295. (Rom)
2. **Lucia Moldovan**, Florentina Gatea, Valentina Alexandru, Oana Craciunescu, Raluca Buiculescu, Elvira Gille, 2004, Polyphenolic secondary metabolites. Methods of qualitative and quantitative analysis, in *Tehnici experimentale in bioanaliza* (coordonator G.L. Radu), Ed. Ilex, p. 120-151. (Rom)
3. Oana Craciunescu, **Lucia Moldovan**, G.L. Radu, 2005, Characterization of elastin for use in synthetic polymer biocompatibilization, in *Tehnici Experimentale in Bioanaliza* (coordonator G.L. Radu), Ed. Ilex, II, p. 224-252. (Rom)
4. Elena Iulia Oprita, Oana Craciunescu, Valentina Alexandru, G.L. Radu, **Lucia Moldovan**, 2005, Analysis of interaction of cells with implantable materials, in *Tehnici Experimentale in Bioanaliza* (coordonator G.L. Radu), Ed. Ilex, II, p. 149- 176. (Rom)
5. **Moldovan L.**, Craciunescu O., Zarnescu O., Popescu M.C., Lungu M., Radu G.L., 2007, Current and perspective techniques for *in vitro* testing of the biocompatibility of collagenic biomaterials for medical use, in *Tehnici Experimentale in bioanaliza* (coordonator G.L. Radu), Ed. Printech, vol. V, p. 250-279. (Rom)
6. Pascu MC, Lungu M, Bumbu GG, **Moldovan L.**, Darie H., Vasile C., 2003, Bioartificial polymeric materials based on soft PVC/natural polymer blends: III. Soft PVC/hydrolyzed collagen blends containing graft copolymers as reactive compatibilizers, in *Biochemistry and Chemistry: Research and Development*, G.E. Zaikov and V.M.M. Lobo (eds.), Ed. Nova Science Publishers, Inc., p. 49-72

7. Trif M., Moisei M., Craciunescu O., Chelu F., Zarnescu O., Roseanu A., **Moldovan L.**, 2010, Lipid-based Nanoparticles as Carriers for Intracellular Drug Delivery in *Nanostructuring and nanocharacterization*, series in *Micro and Nanoengineering*, M. Zaharescu, Ciurea M., Kleps I. & Dascalu D. (eds.), Editura Academiei Romane, vol. 16, p. 257-271.
8. Craciunescu O., **Moldovan L.**, 2011, Cap. 13 - Designing bio-inspired composite materials for medical applications in *Nanocomposites and Polymers with Analytical Methods*, John Cuppoletti (ed.), InTech, Rijeka, Croatia, pp. 309-334, ISBN: 978-953-307-352-1 <http://www.intechopen.com/articles/show/title/designing-bio-inspired-compositematerials-for-medical-applications>
9. Dinescu G., Stancu E.C., Ionita E.R., Teodorescu M.V., Ionita M.-D., Stanciuc A.M., **Moldovan L.**, Cold expanding plasma sources for processing of biomaterials surfaces in *Biomaterials and Plasma Processing*, 17/68-85, Editura Universitatii A.I. Cuza Iasi, 2011, ISBN 978-973-703-543-1

III. Brevete selectate

1. Lacatusu I, Badea N, Badea G, Moldovan L, Panteli IM, Rasi I, Popescu M, Bordei N, Stan R, Istrati D, Meghea A, Nanotransportori lipidici incarcati cu principii active vegetale si sintetice, ce furnizeaza un efect anti-inflamator amplificat, OSIM, RO131955 / 30.05.2019.
2. Elena Iulia Oprita, Oana Craciunescu, Lucia Moldovan, Hidrogeluri bistratificate pe baza de componente ale matricei extracelulare si polizaharide folosite in vindecarea osteocondrala, OSIM, RO131951 (A0)/ 30.06.2017.
3. Florescu I., Mihai R., Lungu M., Moldovan L., Zarnescu O., Coroiu V., Utoiu E., Stanciuc A.M., Procedeu de obtinere a unui conduct de ghidare nervoasa pentru regenerarea nervilor periferici si conducte nervoase obtinute prin acest procedeu, RO 127812 B1 din 30.04.2015.
4. **Moldovan L.**, Craciunescu O., Trif M., Zarnescu O., Moisei M., Gaspar A., Material biocompatibil poros cu rol in stimularea regenerarii cartilajului si procedeu de obtinere, RO 127486 B1, 29.03.2013.
5. Craciunescu O., **Moldovan L.**, Tardei Ch., Oprita E.I., Zarnescu O., Suport compozit poros pentru tratarea defectelor osoase si procedeu de obtinere, RO 126014 B1, 30.08.2013.
6. Lungu M, **Moldovan L.**, Craciunescu O, Zarnescu O, Vasile C, 2011, Biocompatible material composition and process for preparing the same, Patent RO 123177 B1/2011.
7. **Moldovan L.**, Lungu M, Craciunescu O, 2010, Biocompatible laminated material based on polyurethane and natural polymers and process for preparing the same, Patent RO 123117 B1/2010.
8. Mihaela Trif, Magdalena Moisei, **Lucia Moldovan**, Oana Craciunescu, Otilia Zarnescu, 2010, Pharmaceutical composition based on glycosaminoglycans for preventing and treating affections of articular cartilage and process for preparing the same, Patent RO 122949 B1/2010.
9. **Lucia Moldovan**, Valentina Alexandru, Oana Craciunescu, Veronica Lazar, Carmen Balotescu, 2009, Hydrogel made of natural components for the regeneration of damaged dermic tissue, Patent RO 122181 B1/2009..
10. **Lucia Moldovan**, Anca Oancea, Maria Caloianu, Lidia Constantinescu, Oana Craciunescu, Florin Oancea, 2000, Veterinary injectable solution comprises a hydrolysate of collagen and keratin based formulation also incorporating sodiumbicarbonate, Patent RO115692 B1/2000.
11. Maria Caloianu, **Lucia Moldovan**, R. Iordachel, Theodora Vâlsanescu, Oana Craciunescu, Marinela Bunea, Gh. Bobe, 2000, Cosmetic anti-seborrhea face mask, Patent RO 115937 B1/2000.
12. **Lucia Moldovan**, Maria Caloianu, Oana Craciunescu, R. Iordachel, Lidia Constantinescu, 2000, Natural polymeric material consists of a collagen, gelatin, glucosamine base and polypeptide mix of specific proportions, Patent RO 115693 B1/2000.

Data

18.12.2020

Semnatura

Dr. Lucia MOLDOVAN

