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| INFORMAŢII PERSONALE | Savu Lorand |
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|  | Str. Dealului nr. 3 Bl F3 Ap 53, 060875, Bucuresti, Romania |
| +40732123301+40722629566 |
| [lorand\_savu@yahoo.com](http://?) |
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| Yahoo: lorand\_savu,Skype:lorand\_savu |
| Sexul M| Data naşterii 24/07/1966| Naţionalitatea Română |

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| LOCUL DE MUNCA | PROFESOR UNIVERSITAR la Departamentul DISCIPLINELOR PRECLINICE,  Facultatea DE MEDICINA Universitatea Titu Maiorescu  Disciplinelei:GENETICA,BIOLOGIE CELULARA SI MOLECULARA |

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| EXPERIENŢA PROFESIONALĂ |  |

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| Scrieţi datele (de la - până la) | Din august 2000 până în prezent  Director |  |  |  |
| Genetic Lab  Capitan Aviator Nicolae Drossu nr 9 Ap , Bucuresti  Sector 1, cod 012071,  Telefon: 0213371582  Mobil: +40732123304; +0747225341  Fax: 0214131423  Email: office@geneticlab.ro  Web: www.geneticlab.ro  Tipul sau sectorul de activitate  Sănătate  Principalele activităţi şi responsabilităţi  Coordonarea tuturor activitatilor din laborator prin sefii departamentelor si a departamentelor auxiliare.  Achizitia consumabilelor si reactivilor.  Dezvoltarea si validarea unor noi metode de laborator, evaluarea si initierea de noi tipuri de analize.  Training pentru utilizare kiturilor si aparaturii pentru colaboratori, training pentru personal.  Departament Biologie moleculară:  Competenta: extractii ADN/ARN, PCR, Real-Time PCR, RT PCR, RT Real-Time PCR, analiza de fragmente in sistem capilar, secventiere ADN; MLPA, RFLP  Analize de laborator:  - diagnostic prenatal rapid QF-PCR;  - testarea paternitatii;  - virusologie: hepatita B, C, D, HIV, CMV, HPV, EBV, Parvoviris B19, Toxoplasma gondii, hepes simplex I si II;  - mutatii genice: microdeletii cromozom Y, BRCA1 si 2, A1AT, fibroza chistica, FVL, FII, MTHFR  - diverse: HLA B27, RHD genotipare;  Departament imunologie - analize de laborator:  - metoda ELISA;  - metoda chemiluminiscenta;  Proiecte de cercetare: 25 |  |  |  |
| Din august 1998-2000  Sef Lucrari  USAMVB Timisoara  Calea Aradului Timisoara  Tipul sau sectorul de activitate  Invatamant si cercetare agricola.  Competenta:  Principalele activităţi şi responsabilităţi  Activitate didactica; Cursul de Biotehnoloe si Metode de analiza in Laborator. Pregatire studenti la lucrari practice, lucrari de diploma. Cercetare pe Agrobacterium tumefaciens  Din august 1996-2004  Director  DEXTER COM SRL  Str; Popa Rusu nr 9  Tipul sau sectorul de activitate  Comert  Principalele activităţi şi responsabilităţi  Coordonarea tuturor activitatilor  Competenta:  Activitati administrative, logistica, service. Pregatirea agentilor de vanzari. Documentare licitatii, pregatire licitatii  Din 1991-1998  Cercetator  Institutul de Biologie Bucuresti Academia Romana  Splaiul Independentei 296  Tipul sau sectorul de activitate  Cercetare  Principalele activităţi şi responsabilităţ  Cercetare Laboratorul de Inginerie Genetica   |  |  | | --- | --- | | EDUCAŢIE ŞI FORMARE |  | |  |  |  |
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| Scrieţi datele (de la - până la) | Din octombrie 1991-1999  Doctor in biologie moleculara |  |
| Institutul de Biologie Bucuresti, Academia Romana | |
| * Biologie Moleculara   Titlul tezei: Studiul biochimic si genetic al bacteriei entomopatogene Bacillus thuringiensis | |
| Scrieţi datele (de la - până la) | Din octombrie 1985-1989  Licenta in biochimie |  |
| Facultatea de Biologie - Universitatea din Bucuresti | |
| * Biochimie | |

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| COMPETENΤE PERSONALE |  |

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| Limba maternă | Romana | | | | |
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| Alte limbi străine cunoscute | ΙNΤELEGERE | | VORBIRE | | SCRIERE |
| Ascultare | Citire | Participare la conversaţie | Discurs oral |  |
| ENGLEZA | C2 | C2 | B1 | B1 | C2 |
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| MAGHIARA | B1 | B1 | A1 | A1 | A1 |
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|  | Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat  [Cadrul european comun de referinţă pentru limbi străine](http://?) | | | | |

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| Competenţe organizaţionale/manageriale | Coordonarea activitatilor din cadrul unui laborator de diagnostic structurat in domenii distincte: biologie moleculara, citogenetica, imunologie si biochimie si de asemenea a departamentelor auxiliare.  Achizitia consumabilelor si reactivilor. |

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| Competenţă digitală | AUTOEVALUARE | | | | |
| Procesarea informaţiei | Comunicare | Creare de conţinut | Securitate | Rezolvarea de probleme |
|  | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat | Utilizator experimentat |
|  | Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat  [Competențele digitale - Grilă de auto-evaluare](http://?) | | | | |
|  | Competenta in utilizarea pachetului Microsoft Office. | | | | |

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| Permis de conducere | Permis categoria B |

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| INFORMAΤII SUPLIMENTARE |  |

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| Membru al asociaţiilor profesionale:  Publicaţii  Proiecte | Societatea Romana de Genetica Medicala – SRGM  Societatea Romana de Biochimie  Asociatia de Genetica din Romania  Anexa  Anexa |

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| ANEXE |  |

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|  | Anexa – Activitate stiintifica |

Proiecte:

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| **Programul/Proiectul** | **Funcţia** | **Perioada:** | **Valoareafinantarii** | **Sursa de finantare** |
| Improvment of the Quality, Naturalness and Shelf-Life of Food Products by the Use of Selected Bacteriocins From Lactic Acid Bacteria | Responsabil | 1994-1997 | 125.000 EURO | FP3INCOPERNICUS |
| Improvement of the Quality, Naturalness and Shelf-Life of Food Products by the Use of Selected Bacteriocins From Lactic Acid Bacteria | Responsabil | 1997-2000 | 64.000 EURO | FP4INCOPERNICUS |
| Molecular Analysis and Mechanistic Elucidation of the Functionality of Probiotics and Prebiotics in the Inhibition of Pathogenic Microorganisms to Combat Gastrointestinal Disorders and to Improve Human Health | Responsabil | 2001-2005 | 100.000 RURO | FP5 |
| A „system in a microfluidic package aproach for focused diagnostic DNA microchips. | Responsabil | 2007-2010 | 125.000 EURO | MNT-ERA |
| Screening for and isolation and purification of novel bacteriocins from dairy lactic acid bacteria isolated from fermented foods with a potential to inhibit pathogenic bacteria | membru | 2001-2004 | 45.000 EURO | Bilateral Romania – Flanders |
| Biodiversity and prebiotic effects of heteropolysaccharides produced by thermophilic lactic acid bacteria | membru | 2003-2006 | 30.000 EURO | Bilateral Romania – Flanders |
| Diagnosticul prenatal si postnatal rapid al trisomiilor 21, 18 si 13 prin PCR. | Responsabil | 2003-2005 | 1.000.0000.000 Lei | Viasan |
| Micro-chip pentru identificarea ADN | Responsabil | 2003-2005 | 2.500.000.000 Lei | Matnantech |
| Elaborarea unui kit de diagnostic molecular al tuberculozei pentru detectia diferentiala prin PCR a micobacteriilor | Director de proiect | 2004-20006 | 1.2000.000.000 Lei | Viasan |
| Terapia genetica angiogenetica in ischemia cronica severa a membrelor inferioare | Responsabil | 2004-2006 | 1.500.000.000 Lei | Viasan |
| Genetica proceselor de imbatranire asociata cu modificarile endocrine, metabolice si cognitive la om | Responsabil | 2006 – 2008 | 2.500.000.000 lei | CEEX |
| Protectia sanatatii prin dezvoltarea de noi instrumente complexe de tip < laborator pe un chip | Responsabil | 2005-2008 | 2.000.0000.000 | CEEX |
| Promovarea competentelor romanesti pentru cooperarea europeana in micro-nano-biosisteme | Responsabil | 2005-2007 | * + 1. Lei | CEEX |
| Sistem microfluidic integrat pentru analiza *in vitro* a fluidelor biologice cu aplicatii in diagnoza si tratament medical | Responsabil | 2005-2008 | 2.500.000.000 lei | CEEX |
| Elemente cheie în strategia de control a virozelor respiratorii la suine prin identificarea diferenţelor etiopatogenetice asociate patotipurilor virale circulante in România | Responsabil | 2005-2008 | 1.000.000.000. Lei | CEEX |
| Studiul mecanismelor moleculare ale pancreatitei cronice comparativ cu adenocarcinomul ductal | Responsabil | 2007 –2010 | 1.500.000.000 Lei | CNMP |
| Dezvoltare de biosenzori bazati pe acizi nucleici pentru evaluarea si monitorizarea unor agenti toxici cu aplicatii in bioterorism | Responsabil | 2007 –2010 | 3.300.000.000 Lei | CNMP |
| Optimizarea diagnosticului precoce in adenocarcinomul prostatic la pacienti cu sindrom metabolic prin corelarea factorilor genetici, anatomopatologici si biochimici | Responsabil | 2007 – 2010 | 2.500.000.000 Lei | CNMP |
| Studiul polimorfismului genetic la soiurilor de vita de vie cultivate pentru stabilirea amprentei genetice a vinurilor | Responsabil | 2007 –2010 | 7.500.000.000 Lei | CNMP |
| Tratamentul complicatiilor vasculare periferice in diabetul zaharat si in arteriopatiile nondiabetice utilizand terapia genica angiogenetica | Responsabil | 2007 –2010 | 100.000 RON | CNMP |
| Surditateanonsindromica la copil - diagnostic clinic si molecular Membru | Responsabil | 2008-2011 | 388.966 RON |  |
| SistemInteligent de Asistare Automata a  Diagnosticului in Cancerul Cervical | Responsabil | 2015-2017 | 750.000 RON | PCCA |
| Platformaintegrata de genotiparemultiplexata a HPV -Multiplexgen | Responsabil | 2015-2017 | 400.000 RON | PCCA |
| Semnificatia biologica a reinsertiilor locale obtinute prin mobilizarea unor transpozoni artificiali in regiunile cromozomale 68 si 100 de la drosophila melanogaster | membru | 2007-2009 | 600.000 RON | PNII |
| EXPLORAREA FUNCTIONALA A GENEI ARP-LIKE DE LA DROSOPHILA MELANOGASTER, STUDIU CU  IMPLICATII IN INVESTIGAREA UNOR TUMORI SOLIDE UMANE  EXPLORAREA FUNCTIONALA A GENEI ARP-LIKE DE LA DROSOPHILA MELANOGASTER, STUDIU CU  IMPLICATII IN INVESTIGAREA UNOR TUMORI SOLIDE UMANE  Explorarea functionala a genei arp-like de la drosophila melanogaster, studiu cu implicatii in investigarea unor tumori solide umane | membru | 2009-2011 | 250.0000 RON | PNII |

**Lista Publicatii *Lorand Savu***

Site: [http://www.researcherid.com/ViewProfileSearch.action](http://?)

**Researcher ID: S-8150-2016**

**https://scholar.google.com/citations?user=VxU1CocAAAAJ&hl=en**

**Capitole de carte:**

1. Chapter 12: A Different Approach for Cellular Oncogene Identification Came from Drosophila Genetics. Magdalena LM and **Savu L**. Oncogene and Cancer - From Bench to Clinic, Dr. Yahwardiah Siregar (Ed.), InTech, Pages: 271 Published: 2013. **ISBN 978-953-51-0858-0.**

**Carti publicate**

1. Lorand Savu. Tehnici de Biotehnologie. Bucuresti. EdituraLibripres . 2000. ISBN 973-9080-16-2
2. Lorand Savu. Diagnostic Molecular. Metode de Laborator. Bucuresti. Editura Ars Docendi 2017. ISBN 978-973-558-969-1

**Articole:**

**2017**

**1.**Frequency of ADRB2, APOA2 FABP2 and PPARG genotypes in the general population as overweight markers.**I**onica Consuel-Severus; Lorand Savu.. Romanian Biotechnological Letters. **Impact Factor: 0.351. ISSN 1224 – 5984** In press. [http://www.rombio.eu/archives.htm](http://?)

**2.** Microarray and surface plasmon resonance experiments for HPV genotyping on au-supports. Romanian journal of information Science and technology Volume 20, number 4, 2017, 426–439

**2016**

1. Electrophysiology, immunophenotype, and gene expression characterization of senescent and cryopreserved human amniotic fluid stem cells. Iordache F, Constantinescu A, Andrei E, Amuzescu B, Halitzchi F, **Savu L,** Maniu H. Journal of Physiological Sciences Volume: 66 Issue: 6 Pages: 463-476 Published: 2016 **Times Cited: 2.Impact Factor 2.165. ISSN: 1880-6562.**
2. The Noninvasive Fetal RHD Genotyping from Cell-Free Fetal DNA Circulating in Maternal Blood: A Feasible Tool in Clinical Practice of Mother-Fetus Rh Incompatibility in Romania. Maria IA, Dragomir C, Severin E, Schipor S, Mierloi D, Ratiu AC, Badila M, Ionescu M, Dinu A, Dragos S**, Savu L.** Romanian Biotechnological Letters Volume: 21 Issue: 4 Pages: 11729 Published: 2016 **Impact Factor : 0.381. ISSN 1224 – 5984.**
3. The Relationship of eNOS, p22 phox, CETP and ESR1 Gene Polymorphisms Related to Endocrine-Metabolic Parameters and Metabolic Syndrome in Postmenopausal Women-A Sample Population Based Study. Ianas O, Manda D, Rosca R, Vladoiu R,Oros S, Popa O, Covic M, Heltiatu C, Sima A, **Savu L**, Giurcaneanu M, Dumitrache C. British Journal of Medicine and [Medical Research](http://?) Volume: 15 Issue: 7 Pages: 1-17 Published: 2016. **Impact Factor : 0.381**. **ISSN: 2231-0614.**

**2015**

1. Detection of the GJB2 gene mutations in two children with hearing impairment Dragomir C, Ionescu A, **Savu L,** Severin E. Revista Romana De Medicina De Laborator Volume: 23 Issue: 4 Pages: 495-499 Published: 2015. **Impact Factor 0.143. ISSN:2284-5623.**
2. Letter to the Editor: Detection of the GJB2 gene mutations in two children with hearing impairment Dragomir C, Ionescu A**, Savu L**. Severin E. Revista Romana de Medicina de Laborator Volume: 23 Issue: 4 Pages: 495-499 Published: 2015. **Impact Factor 0.143. ISSN:2284-5623.**
3. GJB2 Gene Testing, Etiologic Diagnosis and Genetic Counseling in Romanian Persons With Prelingual Hearing Loss. Dragomir C, Stan A, Stefanescu DT, Sarafoleanu C, Severin E, **Savu L.** International Journal of Clinical Pediatrics Volume: 4 Issue: 1 Pages: 121-126 Published: 2015. **Impact Factor. 1.64. ISSN: 1927- 1255.**

**2014**

1. eNOS, p22 phox, CETP and ER [alpha] gene polymorphisms related to metabolic-endocrine parameters in postmenopausal women with metabolic syndrome: a population based study Ianas O, Manda D, Vladoiu S, Popa O, Rosca R, Oros S, Covic M, Heltianu C, Sima A, **Savu L,** Giurcaneanu M.BioScientificaVolume: 23 Issue: 4 Pages: 495-499 Published: 2015.**ISSN: 0022-0795**.

**2013**

1. Confirmation of diagnosis in Romanian children with DFNB1 related hearing loss Dragomir C, Stan Stan A; Stefanescu DT, **Savu L**, Sarafoleanu C, Toma A, Severin E. American Journal of Molecular Biology Volume: 3 Issue: 04 Pages: 229 Published: 2013. **Impact factor: 0.25. ISSN: 2161-6620.**

**2012**

1. Downregulation of hsp22 gene expression in Drosophila melanogaster from sites located near chemical plants. Magdalena LM, Coipan EC, Vladimirescu AF, **Savu L,** Costache M, Gavrila L. Genetics and Molecular Research Volume: 11 Issue: 1 Pages: 739-745 Published: 2012 **Times Cited: 3**. **Impact factor 0.74. ISSN:1676-5680.**
2. The utility of molecular techniques for better prenatal diagnosis services in Romania. Stan A, Dragomi C, Tudor D, **Savu L**, Severin E. Romanian Biotechnological Letters Volume: 17 Issue: 4 Pages: 7515-7524 Published: 2012. **Impact Factor : 0.363. ISSN 1224 – 5984.**
3. Mesencephalic astrocyte-derived neurotrophic factor from *Drosophila melanogaster* is both a structural and a functional ortholog of human Manf gene Magdalena M, **Savu L,** Kiss I. Febs Journal Volume: 279 Pages: 489 Published: 2012 **. Impact Factor : 4.25. ISSN: 1742-464X, 1742-4658.**
4. Sex Chromosomes Mosaicism Detection by Quantitative Fluorescent PCR Based Technique. Stan A, Dragomir C, Tudor D, Stefanescu D, Severin E, **Savu L.**[Journal of US-China Medical Science](http://?)Pages: 101-103 Published: 2012. **Impact factor: 0.573. ISSN 1548-6648.**

**2011**

1. Prenatal Screening for the 35delG GJB2, Del (GJB6-D13S1830), and Del (GJB6-D13S1854) Mutations in the Romanian Population. Dragomir C, Stan A, Stefanescu DT, **Savu L,** Severin E. Genetic Testing and Molecular Biomarkers, Volume: 15 Issue: 11 Pages: 749-753 Published: 2011 **Times Cited: 4**. **Impact factor 0.74.ISSN: 1945-0257.**
2. Insertional hotspots of artificial P transposons are tagged by consensus motifs in various genomic sequences of Drosophila melanogaster. Ecovoiu AA, Ratiu AC, Graur M, **Savu L**. Romanian Biotechnological Letters Volume: 16 Issue: 3 Pages: 6162-6169 Published: 2011, **Times Cited: 2. Impact factor 0.52. ISSN 1224 – 5984.**
3. Detection of Human Papilloma Viruses Using Nanostructurated Silicon Support in Microarray Technology Simion M, **Savu L,** Radoi A, Kusko M, Adina B. Journal of Nanoscience and Nanotechnology Volume: 11 Issue: 10 Pages: 9102-9109 Published: 2011 **Times Cited: 1. Impact Factor:1.57. ISSN:0957-4484.**
4. Deletions and structural alterations of chromosome region 89B13 from Drosophila melanogaster, by induced transposition of P{EP}EP3171 element. Magdalena LM**, Savu L,** Costache M, Kiss I. Romanian Biotechnological Letters Volume: 16 Issue: 3 Pages: 6153-6161 Published: 2011.**Impact Factor : 0.349**. **ISSN 1224 – 5984.**
5. P{EP}EP3171 element remobilization in Drosophila melanogaster induced both DmManf and CG14879 mutant alleles. Magdalena LM, **Savu L,** Kiss I. Febs Journal Volume: 278 Pages: 464 Published: 2011. **Impact Factor : 3.79. ISSN: 0014-5793.**
6. DFNB1 markers associated with congenital hearing loss in newborns Severin E,; Dragomir C, Stan A,Stefanescu TD, Toma A, Sarafoleanu C, Savu L. Journal of Medical Genetics Volume: 48 Pages: S67 Published: 2011. **Impac Factor: 6.365. ISSN:1468-6244.**

**2010**

1. Estrogen receptor alpha Pvull and Xbal gene polymorphisms and age-related changes in estradiol levels Lanas O, Manda D, **Savu L**, Vladoiu S, Popa O, Rosca R. Endocrine Journal Volume: 57 Pages: S541 Published: 2010. **Impact Factor 1.895. ISSN: 0918-8959.**
2. Genetic Testing for Congenital Nonsyndromic Deafness (DFNB1) Severin E, Dragomir C, Stan A,Albu C, Stefanescu DT, **Savu L.** Journal of Medical Genetics Volume: 47 Pages: S60 Published: 2010 **. Impact Factor 7.037. ISSN1: 468-6244.**
3. The Genetic Variations that cause Down syndrome and Associated Oro-Dental Disorders. Severin E, Stan A; Solonaru S, **Savu L,** Stanciu D. Journal of Medical Genetics Volume: 47 Pages: S39 Published: 2010. **Impact Factor 7.037. ISSN1: 468-6244.**
4. Sex specific association between estrogen receptor alpha PvuII and XbaI gene polymorphisms and hormones. Vladoiu S, Ianas O, Manda D, **Savu L**, Rosca R. Endocrine [Abstracts](http://?) (2010) 22 P741. **ISSN 1479-6848.**
5. Polymorphisms in the estrogen receptor α gene and reproductive axis in women. Ianas O, Manda D, **Savu L,** Vladoiu S, popa O, Rosca R, Iordachescu C. Endocrine Abstracts: 22 P489. Published 2010. **ISSN 1470-3947.**
6. Electrochemical Investigation of Porous Silicon/Gold System in Biological Electrolyte Simion, M, Miu M, Cortojan L, Kleps I, **Savu L**, Danila M, Brugaru A. ECS [Transactions](http://?) Volume: 25 Issue: 31 Pages: 59-68 Published: 2010. **ISSN: 1938-6737.**

**2009**

1. Mapping of Multiple P{lacW} Insertions into the Germline of Drosophila melanogaster. Ecovoiu A, Ratiu A, Graur M, **Savu L**. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and [Biotechnologies](http://?); Vol 66, No 1-2 Published: 2009**.Impact Factor: 2.037.ISSN: 2049-1891.**
2. Non-invasive fetal sex determination from maternal plasma: impact on Romanian clinical practice of X-linked disorders. Stan A, Dragomir C, Severin E, Badila M, Tudor D, Rujan I, Attila R, Visanoiu I, Stefanescu D, **Savu L**. Romanian Biotechnological Letters Volume: 18 Issue: 2 Pages: 8153 Published: 2013**. Impact Factor: 0.351. ISSN 1224 – 5984.**
3. Mobilization of P {EP} EP3313 Artificial Transposon in the Germline of *Drosophila melanogaster*, Graur M, Ratiu A, Ecovoiu A, **Savu L**. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. [Animal Science and Biotechnologies](http://?) Volume: 66 Issue: 1-2 Published: 2009. **. Impact Factor: 2.037. ISSN: 2049-1891.**
4. Association study of the estrogen receptor alfa gene polymorphism and age-dependent endocrine changes in a Romanian population. Ianas O, Manda D, **Savu L,**Vladoiu S, Popa O, Rosca R, Joja O.Endocrine Abstracts (2009) 20 P670. **ISSN 1470-3947.**

**2008**

1. Transposition of P{lacW}(gammaCop057302) into the germline of Drosophila melanogaster correlates with retaining of the original insertion. Ratiu AC, Ecovoiu A, Graur M, **Savu L,** Gavrila L. Romanian Biotechnological Letters, Volume: 13 Issue: 5 Pages: 3889-3897 Published: 2008**.Impact factor 0.52.ISSN: 2049-1891.**
2. Microfluidics Silicon Structure for Electrophoresis Separation of DNA Fragments Simion M, Kleps I, Craciunoiu F, **Savu L,** Miu M, Bragau A. Sensor Letters Volume: 6 Issue: 4 Pages: 585-589 Published: 2008. **Impact Factor : 1.160**. ISSN 1546-198X.
3. Clinical trial with VEGF165 and HGF in patients with severe terminal chronic lower limb ischaemia. Anghel A, Mut-Vitcu B, **Savu L**, Marian C, Seclaman E, Iman R, Neghina AM, Dragulescu SI. Human Gene Therapy Volume: 19 Issue: 10 Pages: 1111 Published: 2008. **Impact factor 4.104.ISSN: 1043-0342.**
4. CG6199(LH2a) lethal allele from Drosophila melanogaster is a candidate model for investigations on Ehlers-Danlos syndrome. Graur M, Ecovoiu A, Ratiu AC, **Savu L,**Gavrila L. Romanian Biotechnological Letters Volume: 13 Issue: 6 Pages: 4066-4073 Published: 2008. **Impact factor 0.381. ISSN 1224 – 5984.**

**2007**

1. Nanoporous silicon matrix used as biomaterial. Simion M, Kleps I, Neghina T, Angelescu A, Miu M, Bragaru A, Danila M, Condac E, Costache M, **Savu L.** Journal of Alloys and Compounds, Volume: 434 Pages: 830-832 Published: 2007 **Times Cited: 16**. **Impact factor 1.40. ISSN: 0925-8388.**
2. Clinical improvement after treatment with VEGF(165) in patients with severe chronic lower limb ischaemia. Anghel A, Mut-Vitcu B, **Savu L,** Marian C, Seclaman E, Iman R, Neghina AM, Dragulescu SI. [Genomic Medicine](http://?) Volume: 1 Issue: 1-2 Pages: 47-55 Published: 2007 **Times Cited: 0. Impact factor 0.42. ISSN 1871-7934.**

**2006**

1. Development of technology for silicon test device for genetic analyses Simion M, Kleps I, Craciunoiu F, **Savu L**, Kusko M, Bragaru A. 2006 International Semiconductor Conference, Vols 1 and 2 Pages: 215-218 Published: 2007. **ISBN 1- 4244-0109-7.**
2. Silicon chip technology - Electrophoretic DNA analisys. Simion M, Kleps I, Craciunoiu, F, **Savu L**, Kusko M, Bragau A. Romanian Journal of Information Science and Technology Volume: 10 Issue: 1 Pages: 35-41 Published: 2007. **Impact Factor 0.34.ISSN: 1453-8245.**
3. Development of Technology for Silicon Test Device for Genetic Analyses. Simion M, Kleps I, Craciunoiu F, **Savu L**, Kusko M, Bragau A. 2006 International Semiconductor Conference, Vols 1 and 2 Pages: 215-218. **ISBN 1- 4244-0109-7.**

**2005**

1. Bioanalytical silicon micro-devices for DNA.Simion M, Kleps I, Ignat T, Condac E, Craciunoiu F, Angelescu A, Miu M, Bragaru A, Costache M**, Savu L.** Cas 2005: International Semiconductor Conference Volume: 1-2 Pages: 235-238 Published: 2005 **Times Cited: 1.ISBN 1- 4244-0109-7.**
2. Bioanalytical silicon micro-devices for DNA. Crciunoiu F, Angelescu A, Kusko M, Bragau A, Costache M. **Savu L.** Proceedings of the International Semiconductor Conference CAS, Volume: 1, Published: 2005 **Times Cited: 1. ISBN 1- 4244-0109-7.**
3. Non-invasive foetal gender determination by PCR amplification of foetal DNA in maternal plasma. Badila M, Ofiteru A, Stefanescu DT, Albu DF, **Savu L**. Romanian Journal of Genetics Volume: 1 Pages: 25-26 Published: 2005. **ISSN:1841-2513.**

**2004**

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