

CURRICULUM VITAE

NAME: Anica Dricu

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EDUCATION, DIPLOMAS AND TRAINING

2007, Docent in Experimental Oncology, University of Medicine “Karolinska Institutet”, Stockholm, Sweden , supervisor Prof. Olle Larsson.

2003, Course in “Pedagogical leadership”, LIME, University of Medicine “Karolinska Institutet”, Stockholm, Sweden

2003, Course in “Problem Based Learning”, LIME, University of Medicine “Karolinska Institutet”, Stockholm, Sweden

2001, Course in “Mass Spectrometry”, Södertorns Högskola, Stockholm, Sweden

1999, Course in “General Pathology”, University of Medicine “Karolinska Institutet”, Stockholm, Sweden

1997, PhD, Experimental Pathology, University of Medicine “Karolinska Institutet”, Stockholm, Sweden

1985, Master of Engineering, Polytechnic University of Bucharest, Faculty of Chemical Engineering, Romania.

AREA OF EXPERTISE

Expertise in: Clinical Biochemistry, Molecular Oncology, Experimental Pathology, Cellular and Molecular Biology, Immunopathology, Stem Cell Research, Proteomic

Expertise in licentiate, PhD and postdoctoral supervising

Expertise in university teaching

PI or collaborator of several work packages in various national and EU projects

Evaluator for several national and international research grants and strategic research projects

Project management experience and a performance in building institutional relations in multicultural environments: Sweden (Karolinska Institutet and Karolinska University Hospital from Stockholm), Finland (Haartman Institute from Helsinki), USA (Pittsburgh University from Pittsburgh), Romania (University of Medicine and Pharmacy of Craiova, Emergency Hospital Bagdasar-Arseni from Bucharest, Fundeni Clinical Institute Bucharest, “Victor Babes” National Institute of Pathology (INCDVB) from Bucharest , Clinical Hospital of Neuropsychiatry from Craiova), Austria (Institute for Neuroscience, Innsbruck, Medical University from Innsbruck)

Knowledge about EU Research Framework Programmes by participation to research projects and by attending courses

Expertise in evaluation of research grants and strategic research projects Ad hoc reviewer of several medical journals (Scientific Reports, Oncotargets, Plos One, Frontiers etc)

Experience in facilitating public-private cooperation, including pivotal players implicated in healthcare research, such as universities, hospitals, small and medium-sized enterprises (SMEs) etc to accelerate the acquisition of new knowledge.

Excellent skills in Swedish language, good skills in English language

ACADEMIC AND RESEARCH POSITIONS AND APPOINTMENTS

2009-present, Professor, Head of the Biochemistry Unit, Faculty of Medicine, University of Medicine and Pharmacy of Craiova, Romania

2001-2008, Associate Professor, Department of Oncology Pathology, Cancer Centrum Karolinska, Unit of Radiation Medicine, University of Medicine Karolinska Institute, Stockholm, Sweden

2001, Postdoctoral researcher, Department of Oncology Pathology, Immunopathology Laboratorium, University of Medicine “Karolinska Institutet”, Stockholm, Sweden and Department of Oncology Pathology, Haartman Institute, Finland.

1999, Postdoctoral resercher, Department of Pathology, Unit of Cellular and molecular pathology, University of Medicine Karolinska Institute, Stockholm, Sweden

1997, PhD in Experimental Pathology, University of Medicine Karolinska Institute, Stockholm, Sweden.

COMMITTEE AND ADMINISTRATIVE SERVICE

National

2011-2016, Member of the National Council for the Attestation of Academic Titles, Diplomas and Certificates (CNATDCU), Bucharest.

2010-2016, Representative of The National Authority for Scientific Research in the Administrative Council of the National Institute for Research and Development in Pathology and Biomedical Sciences “Victor Babes“, Bucharest.

University

2012-present, Director of Doctoral School, University of Medicine and Pharmacy, Craiova, Romania

2009-2019, Member of The Council of Department of Functional Sciences, University of Medicine and Pharmacy, Faculty of Medicine, University of Medicine and Pharmacy of Craiova, Romania

2009-present, Head of the Biochemistry Unit, University of Medicine and Pharmacy, Faculty of Medicine, University of Medicine and Pharmacy of Craiova, Romania

MENTORING ACTIVITIES

2001-2002, member in a international programm “Graduate Rotation Program” for biomedical students, University of Medicine Karolinska Institute, Stockholm, Sweden

2002-2008, Main Supervisor for PhD students and postdoctoral researchers at University of Medicine Karolinska Institute, Stockholm, Sweden

2004-2007, Supervisor for PhD students in the FP5 program "European Postgraduate Training Network, under the coordination of the University of Medicine Karolinska Institute, Stockholm.

2010-present, Main Supervisor for licentiate students at University of Medicine and Pharmacy of Craiova, Romania. (Ordinul Ministrului Nr. 4631/2010)

TEACHING ACTIVITY

Medical students

2000-2003, Modern Pathology, course for medical students at University of Medicine “Karolinska Institutet”, Stockholm, Sweden

2000-2008, regularly lecture on modern pathology, cell signalling, tumour biology, apoptosis for medical students and PhD students, University of Medicine “Karolinska Institutet”, Stockholm, Sweden

2006-2007, organizing academic course “Research Methodology”, for medical students at Faculty of medicine, University of Medicine and Pharmacy of Craiova, Romania

2008-present organizing Biochemistry course for medical students at Faculty of medicine, University of Medicine and Pharmacy of Craiova, Romania

PhD students

2012-present, organizing academic doctoral courses at Faculty of medicine , University of Medicine and Pharmacy of Craiova, Romania

1. Design and management of scientific grants
2. Stem Cell Research: Impact on Public Health Human Cell and Tissue Culture
3. Human cell cultures. Methods and applications

Clinicians and medical specialists

2002, postgraduate courses for medical oncologists at University of Medicine “Karolinska Institute”, Stockholm, Sweden

2012-present, organizing postgraduate courses for different types of clinicians and medical specialists at Faculty of medicine, University of Medicine and Pharmacy of Craiova, Romania:

1. Stem Cells: Current research and treatment directions
2. New diagnostic techniques, potential applications in medical biochemistry
3. The management of human tissues and cells biobanks

REVIEWER ACTIVITY

1997-present, Ad hoc reviewer of several manuscripts

2018, member in the international teams of expert-evaluators, for assessment of NATIONAL INSTITUTE FOR CHEMICAL-PHARMACEUTICAL R&D (ICCF BUCHAREST) activities, in view of the certification of their R&D capacity and performance levels, carried out by the National Authority for Scientific Research of the Romanian Government, with the help of the RDI Advisory Council and the independent experts.

2015-2017 Expert reviewer in EEA grants monitoring

2014-2015, Expert position in the project "Strategic partnership for increasing the quality of scientific research in medical universities by granting doctoral and postdoctoral scholarships - DocMed.net_2.0". HRD / 159 / 1.5 / 136 893

2012, Expert evaluator for the implementation stage for the European Research Council (ERC) - like project

2012, member in the international teams of expert-evaluators, for assessment of Romanian institutions performing R&D activities, in view of the certification of their R&D capacity and performance levels, carried out by the National Authority for Scientific Research of the Romanian Government (ANCS - www.ancs.ro) with the help of the RDI Advisory Council and the independent experts (National Institute of Research & Development for Biological Sciences, Bucharest).

2012, member in the international teams of expert-evaluators, for assessment of Romanian institutions performing R&D activities, in view of the certification of their R&D capacity and performance levels, carried out by the National Authority for Scientific Research of the Romanian Government (ANCS - www.ancs.ro) with the help of the RDI Advisory Council and the independent experts (NATIONAL INSTITUTE FOR CHEMICAL-PHARMACEUTICAL R&D).

2010-present, expert evaluator of the evaluation team at The Executive Unit for Financing Higher Education, Research, Development and Innovation (*UEFISCDI*):
Postdoctoral research projects PN-III-P1-1.1-PD,
Research projects to stimulate young independent teams PN-III-P1-1.1-TE, Executive Unit for Complex projects carried out in RDI consortia (PCCDI)
Demonstration experimental project (PED)
Transfer to the economic operator (PTE)
Complex projects (PC)

2010-present, Member of the evaluation team at The Romanian Agency for Quality Assurance in Higher Education (ARACIS)

LANGUAGE SKILLS

Excellent skills in Swedish language
Good skills in English language

SCIENTIFIC RECORDS

H-Index, 20 (web of science); **Citations** : 943 (web of science)

Research grants

Principal investigator for 11 research grants at University of Medicine “Karolinska Institute”, Stockholm, Sweden
Principal investigator for 4 research grants at University of Medicine and Pharmacy of Craiova, Romania
Team member in several Swedish and EU research grants at University of Medicine “Karolinska Institute”, Stockholm, Sweden

Editorial Boards

2020-present, Member in Editorial Board of International Journal of Molecular Science
2016-present, Review Editor at the Editorial Board of Frontiers in Endocrinology Journal
2011-present, Member in Editorial Board of TheScientificWorldJournal,
2005-2008, Member in Editorial Board of Journal of Cellular and Molecular Medicine
2004-present, Member in Editorial Board of Current Health Sciences Journal

Author or co-author of several publications in international peer-reviewed journals:

(Cancer Research (IF=9.1), Oncogene (IF=6.8), Cancer Letters (IF=6.491), British Journal of Cancer (IF=5.416), Carcinogenesis (IF=5.3), Oncotarget (IF=5.1), International Journal of Molecular Sciences(IF=4.18), Scientific Reports, Dis Model Mech (IF=4), Biochim Biophys Acta (IF= 3.68), Journal of Biological Chemistry (IF=4.1), Glycobiology (IF=4.2), Experimental Cell Research (IF=3.2), FEBS Letters (IF=3), Journal of Neurooncology (IF= 3.1), Mol Cell Endocrinology (IF= 3.859), Expert Opin Biol Ther. (IF=3.585) etc

Publications

1. Receptor tyrosine kinase targeting in glioblastoma: performance, limitations and future approaches . Alexandru Oana, Horescu Cristina, Sevastre Ani Simona, Cioc Catalina Elena, Baloi Carina, Oprita Alexandru, **Anica Dricu**. Contemp Oncol. 2020; 24 (1): 55–66
2. Matrix Gla Protein in Meningiomas: An Immunohistochemical Study. SIMONA ROXANA GHEORGHE, LIGIA GABRIELA TATARANU, **ANICA DRICU**, CIPRIAN NICOLAE SILAGHI, CEES VERMEER, ALEXANDRA MARIOARA CRACIUN. Rev. Chim., 71 (3), 2020, 425-432 425
<https://doi.org/10.37358/RC.20.3.8016>
3. The Cytotoxic Effect of Rtk's Inhibitors on Glioblastoma Cells. A Mathematical Model for Treatment Protocols Optimization. Corina Brandusa, Bogdan-Ionel Vatu, Stefana Oana Purcaru, Stefan-Alexandru Artene, Sandra Alice Buteica, Daniela Elise Tache, Cristian Adrian Silosi, Citto Iulian Taisescu, Oana Alexandru, Olivian Puiu Stovicek, Alin Demetrian, **Anica Dricu**. Rev. Chim, Year 2020, Volume 71, Issue 2, 115-120
4. Benefits of Nanomedicine for Therapeutic Intervention in Malignant Diseases. Ani-Simona Sevastre, Cristina Horescu , Stefania Carina Baloi, Catalina Elena Cioc, Bogdan Ionel Vatu, Cristian Tuta, Stefan Alexandru Artene, Maria Mihaela Danciulescu, Stefania Tudorache and Anica Dricu. Coatings 2019, **9**(10), 628;
<https://doi.org/10.3390/coatings9100628>
5. Platelet-Derived Growth Factor Receptor and Ionizing Radiation in High Grade. Glioma Cell Lines. Oana Alexandru, Ani-Simona Sevastre, Juan Castro, Stefan-Alexandru Artene, Daniela Elise Tache, Oana Stefana Purcaru, Veronica Sfredel, Ligia Gabriela Tataranu and Anica Dricu Int. J. Mol. Sci. 2019, 20(19), 4663;
<https://doi.org/10.3390/ijms20194663>
6. Assessment of efficacy of dendritic cell therapy and viral therapy in high grade glioma clinical trials. A meta-analytic review. Vatu BI, Artene SA, Staicu AG, Turcu-Stiolica A, Folcuti C, Dragoi A, Cioc C, Baloi SC, Tataranu LG, Silosi C, **Dricu A**. J Immunoassay Immunochem. 2019;40(1):70-80. doi: 10.1080/15321819.2018.1551804. Epub 2018 Nov 30. Review.
7. The role of imaging techniques in diagnosing pancreatic cancer. Lorena Sas, Oana Taisescu, Citto Iulian Taisescu, Stefan-Alexandru Artene, Gindrovel Dumitra, Stefania Tudorache, Anica Dricu, Teodor Sas. Chemistry Magazine, volume 1 2019, May
8. Accuracy of Imaging Investigations in Pancreatic Cancer Diagnosis. Lorena Sas, Oana Taisescu, Stefan-Alexandru Artene, **Anica Dricu**, Theodor Sas, Dumitra Gindrovel, Citto Iulian Taisescu. Chemistry Magazine vol. 70, No. 4 , 2019
9. In vitro antineoplastic activity of dye compounds on human glioblastoma cells. Oana Alexandru, Ada Maria Georgescu, Alexandra Dragoi, Marius Eugen Ciurea, Citto iulian Taisescu, Ligia Gabriela Tataranu, Corina Brindusa, Mihai Virgil Boldeanu, Stefana Oana Purcaru, Cristian Adrian Silosi, Alin Demetrian, Anica Dricu. Chemistry Magazine vol 70♦ no. 1, 2019
10. Comparative effect of immunotherapy and standard therapy in patients with high grade glioma: a meta-analysis of published clinical trials. Artene SA, Turcu-Stiolica A, Ciurea ME, Folcuti C, Tataranu LG, Alexandru O, Purcaru OS, Tache DE, Boldeanu MV, Silosi C, Dricu A. Sci Rep. 2018 Aug 7;8(1):11800. doi: 10.1038/s41598-018-30296-x.

11. Recent challenges with stem cell banking. **A. Dricu**. Expert Opinion on Biological Therapy. 2018 Apr;18(4):355-358, DOI: 10.1080/14712598.2018.1445715.
12. The Influence of EGFR Inactivation on the Radiation Response in High Grade Glioma. Alexandru O, Purcaru SO, Tataranu LG, Lucan L, Castro J, Folcuți C, Artene SA, Tuță C, **Dricu A**. Int J Mol Sci. 2018 Jan 12;19(1).
13. coRibavirin-induced Anemia in Patients with Chronic Hepatitis C Virus Infection. Citto Iulian Taisescu, Alin Demetrian, Viorel Biciusca, **Anica Dricu**, Stefan Alexandru Artene, Catalina Cioc, Oana Taisescu. REV.CHIM.(Bucharest). 69, No. 12, 2018.
14. Enhanced response of melanoma cells to MEK inhibitors following unbiased IGF-1R down-regulation. Suleymanova N, Crudden C, Worrall C, **Dricu A**, Girnita A, Girnita L. Oncotarget. 2017 Jul 17; 8(47):82256-82267. doi: 10.18632/oncotarget.19286. eCollection 2017 Oct 10.
15. Serum Biomarkers for Discrimination between Hepatitis C-Related Arthropathy and Early Rheumatoid Arthritis. Siloși I, Boldeanu L, Biciușcă V, Bogdan M, Avramescu C Taisescu C, Padureanu V, Boldeanu MV, **Dricu A**, Siloși CA. Int J Mol Sci. 2017 Jun 19;18(6). pii: E1304. doi: 10.3390/ijms18061304.
16. Ligustrum vulgare hydroalcoholic extract induces apoptotic cell death in human primary brain tumour cells. Ligia Gabriela Tătăranu, Ada Maria Georgescu, Sandra Alice Buteică Isabela Siloși George Dan Mogoșanu, Ștefana Oana Purcaru, Oana Alexandru, Olivian Puiu Stovicek, Corina Brîndușa, Monica Doșa, Citto Iulian Taisescu, **Anica Dricu**. Farmacia, 2017, vol. 65, 5
17. Dendritic cell immunotherapy vs bevacizumab plus irinotecan in recurrent malignant glioma patients: a survival gain analysis. Stefan-Alexandru Artene, Adina Turcu-Stiolica, Richard Hartley, Marius Eugen Ciurea, Oana Daianu, Corina Brindusa, Oana Alexandru, Ligia Gabriela Tataranu, Oana Purcaru and **Anica Dricu**. Onco Targets Ther. 2016 Nov 4;9:6669-6677. eCollection 2016.
18. Temozolomide and targeted therapy against epidermal growth factor receptor in glioma. Oana Daianu, Ada Maria Georgescu, Marius Eugen Ciurea, Oana Alexandru, Stefan-Alexandru Artene, Ligia Gabriela Tataranu, Oana Stefana Purcaru, Daniela Elise Tache, Maria-Mihaela Danciulescu, Oana Taisescu, Roxana Folcuti, **Anica Dricu**. Int J Clin Exp Med 2016;9(8):15249-15261, ISSN: 1940-5901, IF 1,075, scor relativ de influenta 0,306
19. Rationale and in vitro efficacy of Ligustrum vulgare hydroalcoholic extract for the treatment of brain tumors. George Dan Mogoșanu, Sandra Alice Buteica, Ștefana Oana Purcaru, Octavian Croitoru, Ada Maria Georgescu, Serban Florentina, Ligia Gabriela Tătăranu, Oana Alexandru, **Anica Dricu**. IJCEP 2016
20. The effect of curcumin on low-passage glioblastoma cells in vitro. Alexandru O, Georgescu AM, Ene L, Purcaru SO, Serban F, Popescu A, Brindusa C, Tataranu LG, Ciubotaru V, **Dricu A**. J Cancer Res Ther. 2016 Apr-Jun;12(2):1025-32. doi: 10.4103/0973-1482.167609. PMID: 27461692
21. Epidermal growth factor, latrophilin, and seven transmembrane domain-containing protein 1 marker, a novel angiogenesis marker. Serban F, Artene SA, Georgescu AM, Purcaru SO, Tache DE, Alexandru O, **Dricu A**. Onco Targets Ther. 2015 Dec 16;8:3767-74. doi: 10.2147/OTT.S93843. eCollection 2015. Review. PMID: 26719704
22. Targeting the VEGF and PDGF signaling pathway in glioblastoma treatment. Popescu AM, Alexandru O, Brindusa C, Purcaru SO, Tache DE, Tataranu LG, Taisescu C, **Dricu A**. Int J Clin Exp Pathol. 2015 Jul 1;8(7):7825-37. eCollection 2015. PMID: 26339347

23. Cancer stem cells: biological functions and therapeutically targeting. Ciurea ME, Georgescu AM, Purcaru SO, Artene SA, Emami GH, Boldeanu MV, Tache DE, **Dricu A**. *Int J Mol Sci*. 2014 May 9;15(5):8169-85. doi: 10.3390/ijms15058169. Review. PMID: 24821540
24. Biobanking in a constantly developing medical world. Artene SA, Ciurea ME, Purcaru SO, Tache DE, Tataranu LG, Lupu M, **Dricu A**. *ScientificWorldJournal*. 2013 Sep 23;2013:343275. doi: 10.1155/2013/343275. eCollection 2013. Review. PMID: 24174912
25. In vitro and in vivo effects of Fe₃O₄/salicylic acid magnetic nanoparticles on the human glioblastoma cells. S. A. Buteică, I. Mîndrilă, D.E. Mihaiescu, S.O. Purcaru, **A. Dricu**, C. Nicolicescu, J. Neamțu. *Digest Journal of Nanomaterials and Biostructures*. Vol. 9, No. 3. July –September 2014, p. 959-965 (IF 0,6)
26. Budiu RA, Diaconu I, Chrissluis R, Dricu A, Edwards RP, Vlad AM. A conditional mouse model for human MUC1-positive endometriosis shows the presence of anti-MUC1 antibodies and Foxp3+ regulatory T cells. *Dis Model Mech*. 2(11-12):593-603, Dis Model Mech.
27. 3. S-Adenosylmethionine - induced cytotoxicity in glioblastoma cells does not affect the IGF-1r methylation. Roxana Ola, Iulia D. Scorei, Ioana Berindan Neagoe, Ovidiu Bălăcescu, Mihai Bănicioiu, **Anica Dricu**. *Romanian Review of Laboratory Medicine*. Vol. 18, Nr. 3/4, September 2010
28. Carapancea M, Alexandru O, Fetea AS, Dragutescu L, Castro J, Georgescu A, Popa-Wagner A, Bäcklund ML, Lewensohn R, **Dricu A**. Growth factor receptors signaling in glioblastoma cells: therapeutic implications. *J Neurooncol*. 2009 Apr;92(2):137-47.
29. Carapancea M, Cosaceanu D, Budiu R, Kwiecinska A, Tataranu L, Ciubotaru V, Alexandru O, Banita M, Pisoschi C, Bäcklund ML, Lewensohn R, **Dricu A**. Dual targeting of IGF-1R and PDGFR inhibits proliferation in high-grade gliomas cells and induces radiosensitivity in JNK-1 expressing cells. *J Neurooncol*. 2007 Dec;85(3):245-54. Epub 2007 Jun 14. PMID: 17568996 [PubMed - indexed for MEDLINE]
30. Daria Cosaceanu, Raluca Budiu, Mia Carapancea, Juan Castro, Rolf Lewensohn and **Anica Dricu**. Ionizing radiation activates IGF-1R triggering a cytoprotective signaling by interfering with Ku-DNA-binding and by modulating Ku86 expression via a p38 kinase-dependent mechanism. *Oncogene*. 2007 Apr 16;26(17):2423-34.
31. Daria Cosaceanu, Mia Carapancea, Raluca Budiu, Hanna-Stina Martinsson, Maria Starborg, Maria Vrabete, Lena Kanter, Rolf Lewensohn and **Anica Dricu**. Comparison of three approaches for inhibiting Insulin-like Growth Factor I Receptor and their effects on NSCLC cell lines in vitro. *Growth Factors*, 2006; 00(0): 1–8, GGRF 17025, 3/4/2006, 208462
32. Cosaceanu D, Carapancea M, Castro J, Ekedahl J, Kanter L, Lewensohn R, **Dricu A**. Modulation of response to radiation of human lung cancer cells following insulin-like growth factor 1 receptor inactivation. *Cancer Lett*. 2005 May 26;222(2):173-81. Epub 2004 Nov 11.
33. Catrina SB, Lewitt M, Massambu C, **Dricu A**, Grunler J, Axelson M, Biberfeld P, Brismar K. Insulin-like growth factor-I receptor activity is essential for Kaposi's sarcoma growth and survival. *Br J Cancer*. 2005 Apr 25;92(8):1467-74.
34. **Dricu A**, Sergiu-Bogdan C, Brismar K, Biberfeld P, Andersson LC. A synthetic peptide derived from the human eosinophil-derived neurotoxin induces apoptosis in Kaposi's sarcoma cells. *Anticancer Res*. 2004 May-Jun;24(3a):1427-32.

35. Girnita L, Girnita A, Brodin B, Xie Y, Nilsson G, **Dricu A**, Lundeberg J, Wejde J, Bartolazzi A, Wiman KG, Larsson O. Increased expression of insulin-like growth factor I receptor in malignant cells expressing aberrant p53: functional impact. *Cancer Res.* 2000 Sep 15;60(18):5278-83.
36. Kanter-Lewensohn L, Girnita L, Girnita A, **Dricu A**, Olsson G, Leech L, Nilsson G, Hilding A, Wejde J, Brismar K, Larsson O. Tamoxifen-induced cell death in malignant melanoma cells: possible involvement of the insulin-like growth factor-1 (IGF-1) pathway. *Mol Cell Endocrinol.* 2000 Jul 25;165(1-2):131-7.
37. Girnita L, Wang M, Xie Y, Nilsson G, **Dricu A**, Wejde J, Larsson O. Inhibition of N-linked glycosylation down-regulates insulin-like growth factor-1 receptor at the cell surface and kills Ewing's sarcoma cells: therapeutic implications. *Anticancer Drug Des.* 2000 Feb;15(1):67-72.
38. Kanter-Lewensohn L, **Dricu A**, Girnita L, Wejde J, Larsson O. Expression of insulin-like growth factor-1 receptor (IGF-1R) and p27Kip1 in melanocytic tumors: a potential regulatory role of IGF-1 pathway in distribution of p27Kip1 between different cyclins. *Growth Factors.* 2000;17(3):193-202.
39. **Dricu A**, Kanter L, Wang M, Nilsson G, Hjertman M, Wejde J, Larsson O. Expression of the insulin-like growth factor 1 receptor (IGF-1R) in breast cancer cells: evidence for a regulatory role of dolichyl phosphate in the transition from an intracellular to an extracellular IGF-1 pathway. *Glycobiology.* 1999 Jun;9(6):571-9.
40. Wang M, Xie Y, Girnita L, Nilsson G, **Dricu A**, Wejde J, Larsson O. Regulatory role of mevalonate and N-linked glycosylation in proliferation and expression of the EWS/FLI-1 fusion protein in Ewing's sarcoma cells. *Exp Cell Res.* 1999 Jan 10;246(1):38-46.
41. Kanter-Lewensohn L, **Dricu A**, Wang M, Wejde J, Kiessling R, Larsson O. Expression of the insulin-like growth factor-1 receptor and its anti-apoptotic effect in malignant melanoma: a potential therapeutic target. *Melanoma Res.* 1998 Oct;8(5):389-97.
42. Wang M, Nilsson G, Carlberg M, **Dricu A**, Wejde J, Kreicbergs A, Larsson O. Specific and sensitive detection of the EWS/FLI1 fusion protein in Ewing's sarcoma by Western blotting. *Virchows Arch.* 1998 Feb;432(2):131-4.
43. Hjertman M, Wejde J, **Dricu A**, Carlberg M, Griffiths WJ, Sjoval J, Larsson O. Evidence for protein dolichylation. *FEBS Lett.* 1997 Oct 27;416(3):235-8.
44. **Dricu A**, Wang M, Hjertman M, Malec M, Blegen H, Wejde J, Carlberg M, Larsson O. Mevalonate-regulated mechanisms in cell growth control: role of dolichyl phosphate in expression of the insulin-like growth factor-1 receptor (IGF-1R) in comparison to Ras prenylation and expression of c-myc. *Glycobiology.* 1997 Jul;7(5):625-33.
45. Zhang J, **Dricu A**, Sjoval J. Studies on the relationships between 7 alpha-hydroxylation and the ability of 25- and 27-hydroxycholesterol to suppress the activity of HMG-CoA reductase. *Biochim Biophys Acta.* 1997 Feb 18;1344(3):241-9.
46. **Dricu A**, Carlberg M, Wang M, Larsson O. Inhibition of N-linked glycosylation using tunicamycin causes cell death in malignant cells: role of down-regulation of the insulin-like growth factor 1 receptor in induction of apoptosis. *Cancer Res.* 1997 Feb 1;57(3):543-8.

47. Carlberg M, **Dricu A**, Blegen H, Kass GE, Orrenius S, Larsson O. Short exposures to tunicamycin induce apoptosis in SV40-transformed but not in normal human fibroblasts. *Carcinogenesis*. 1996 Dec;17(12):2589-96.
48. Carlberg M, **Dricu A**, Blegen H, Wang M, Hjertman M, Zickert P, Hoog A, Larsson O..Mevalonic acid is limiting for N-linked glycosylation and translocation of the insulin-like growth factor-1 receptor to the cell surface. Evidence for a new link between 3-hydroxy-3-methylglutaryl-coenzyme a reductase and cell growth. *J Biol Chem*. 1996 Jul 19;271(29):17453-62.
49. Current and emerging EGFR therapies for glioblastoma. Artene SA, Tuță C, Dragoi A, Alexandru O, Stefana Oana P, Tache DE, Dănciulescu MM, Boldeanu MV, Siloși CA, **Dricu A**. *J Immunoassay Immunochem*. 2018;39(1):1-11.
50. β -arrestin 1 Overexpression Increases Temozolomide Resistance in Human Malignant Glioma Cells. ARTENE, S. A.; FOLCUTI, C.; DRICU, ANICA *Current Health Sciences Journal*. 2017, Vol. 43 Issue 2, p112-118. 7p.
51. Targeting EGFR in high grade gliomas induces cytotoxicity and apoptosis. GEORGESCU ADA MARIA, SERBAN FLORENTINA, ALEXANDRU OANA, ENE LAURENTIU, PURCARU STEFANA OANA, FOLCUTI ROXANA, DAIANU OANA, DOSA MONICA DANIELA, DANCULESCU MARIA MIHAELA, DRICU ANICA. *Annals of R.S.C.B.*, Vol. XX, Issue 1, 2015, pp. 27-33.
52. New perspectives in glioblastoma antiangiogenic therapy. Popescu AM, Purcaru SO, Alexandru O, Dricu A. *Contemp Oncol (Pozn)*. 2016;20(2):109-18. doi: 10.5114/wo.2015.56122. Epub 2015 Dec 8. Review. PMID: 27358588
53. Silencing of epidermal growth factor, latrophilin and seven transmembrane domain-containing protein 1 (ELTD1) via siRNA induced cell death in glioblastoma. Serban F, Daianu O, Tataranu LG, Artene SA, Emami G, Georgescu AM, Alexandru O, Purcaru SO, Tache DE, Danciulescu MM, Sfredel V, Dricu A. *J Immunoassay Immunochem*. Jul 5, 2016
54. NATURAL AND SYNTHETIC DYE COMPOUNDS: APPLICATIONS IN GLIOBLASTOMAS THERAPY. Oana Alexandru, Ada Maria Georgescu, Laurentiu Ene, Valerica Tudorica, Anica Dricu. *ROMANIAN JOURNAL OF NEUROLOGY—VOLUME XIV, NO. 2, 2015*
55. GROWTH FACTORS AND THE REGULATION OF TUMOUR ANGIOGENESIS. Corina Brindusa, Laurentiu Ene, Catalin Folcuti, Stefana Oana Purcaru, Maria Mihaela Danciulescu, Florentina Serban, Oana Daianu, Ligia Gabriela Tataranu, Citto Taisescu, Oana Alexandru and Anica Dricu. *Cunent Health Sciences Journal*. Supplement 7, 2016
56. Effect of VEGFR, PDGFR and PI3K/mTOR Targeting in Glioblastoma. STEFANA OANA PURCARU, DANIELA ELISE TACHE, FLORENTINA SERBAN, ROXANA MIHAELA FOLCUTI, ADA MARIA GEORGESCU, P. O .STOVICEK, MARIA-MIHAELA DANCULESCU, LIGIA GABRIELA TATARANU, ANICA DRICU. *Current Health Sciences Journal*, Vol. 41, No. 4, 2015
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