

**СПИСЪК НА НАУЧНИ ПУБЛИКАЦИИ НА ВЕЛИЗАР СТЕФАНОВ ШИВАРОВ  
КЪМ 05.07.2018 ПО ДАННИ ОТ GOOGLE SCHOLAR, WEB OF SCIENCE И SCOPUS,  
ПРЕДОСТАВЕНИ ЗА УЧАСТИЕ В КОНКУРС ЗА АКАДЕМИЧНА ДЛЪЖНОСТ „ДОЦЕНТ”  
(4.3. Биологически науки (Генетика – фармакогенетика и епигенетика)/ДВ бр. 44/29.05.2018)**

**АВТОРЕФЕРАТ ЗА ПРИДОБИВАНЕ НА ОНС „ДОКТОР”**

Номер	Описание
1.	Проучвания върху механизма на действие на ензима активационно-индуцируема цитидиндеаминаза (AID) при процесите на изотипно превключване и соматични хипермутации на имуноглобулиновите гени.
	Защитена на 04.10.2011 г. в Национален център по заразни и паразитни заболявания, София, България

**ПУБЛИКАЦИИ В РЕЦЕНЗИРАНИ СПИСАНИЯ**

Номер	Публикация	IF	Цитирания
1.†	Tanev D, Peteva P, Fairbanks L, Marinaki A, Ivanova M, Alaikov T, <b>Shivarov V</b> . Beware of the Uric Acid: Severe Azathioprine Myelosuppression in a Patient With Juvenile Idiopathic Arthritis and Hereditary Xanthinuria. <i>J Clin Rheumatol</i> . 2018 Jun 18. [Epub ahead of print].	1.661	0
2.†	Alaikov T, Angelova S, Hristova J, Ivanova M, Shivarov V. A case of very rare co-occurrence of POEMS syndrome and JAK2 V617F positive MPN. <i>J Hematopathol</i> (2018) 11: 23.	0.447	0
3.†	<b>Shivarov V</b> , Gueorguieva R, Ivanova M, Stoimenov A. Incidence of second solid cancers in mastocytosis patients: a SEER database analysis. <i>Leuk Lymphoma</i> . 2018 Jun;59(6):1474-1477.	2.644	0
4.†	<b>Shivarov V</b> , Ivanova M. Nodular lymphocyte predominant Hodgkin lymphoma in USA between 2000 and 2014: an updated analysis based on the SEER data. <i>Br J Haematol</i> . 2017 Jul 24. [Epub ahead of print].	5.128	0
5.†	Pavlov I, Hadjiev E, Alaikov T, Spassova S, Stoimenov A, Naumova E, <b>Shivarov V</b> , Ivanova M. Calreticulin Mutations in Bulgarian MPN Patients. <i>Pathol Oncol Res</i> . 2018 Jan;24(1):171-174.	1.935	1
6.	Alaikov T, Ivanova M, <b>Shivarov V</b> . EPAS1 p.M535T mutation in a Bulgarian family with congenital erythrocytosis. <i>Hematology</i> . 2016 Dec;21(10):619-622.	1.244	2
7.	<b>Shivarov V</b> , Dolnik A, Lang KM, Krönke J, Kuchenbauer F, Paschka P,	7.702	1

\*Включени в дисертационен труд за придобиване на ОНС „Доктор”.

†Последен публикуван IF за 2016 г.

	Gaidzik VI, Döhner H, Schlenk RF, Döhner K, Bullinger L. MicroRNA expression-based outcome prediction in acute myeloid leukemia: novel insights through cross-platform integrative analyses. <i>Haematologica</i> . 2016 Nov;101(11):e454-e456.		
8.	Ivanova M, <b>Shivarov V</b> , Pavlov I, Lilakos K, Naumova E. Clinical Evaluation of a Novel Nine-Gene Panel for Ion Torrent PGM Sequencing of Myeloid Malignancies. <i>Mol Diagn Ther</i> . 2016 Feb;20(1):27-32.	1.909	4
9.	<b>Shivarov V</b> , Gueorguieva R, Ivanova M, Tiu RV. ASXL1 mutations define a subgroup of patients with acute myeloid leukemia with distinct gene expression profile and poor prognosis: a meta-analysis of 3311 adult patients with acute myeloid leukemia. <i>Leuk Lymphoma</i> . 2015 Jun;56(6):1881-3.	3.093	4
10.	<b>Shivarov V</b> , Ivanova M, Naumova E. Rapid Detection of DNMT3A R882 Mutations in Hematologic Malignancies Using a Novel Bead-Based Suspension Assay with BNA(NC)Probes. <i>PLoS One</i> . 2014 Jun 10;9(6):e99769.	3.534	6
11.	<b>Shivarov V</b> . TRUE gene silencing for hematologic malignancies. <i>Leuk Res</i> . 2014 Jul;38(7):729.	2.351	1
12.	<b>Shivarov V</b> , Bullinger L. Expression profiling of leukemia patients: key lessons and future directions. <i>Exp Hematol</i> . 2014 Aug;42(8):651-60.	2.475	25
13.	<b>Shivarov V</b> , Ivanova M, Tiu RV. Mutated calreticulin retains structurally disordered C terminus that cannot bind Ca(2+): some mechanistic and therapeutic implications. <i>Blood Cancer J</i> . 2014 Feb 21;4:e185.	3.467	19
14.	<b>Shivarov V</b> , Ivanova M, Hadjiev E, Naumova E. Novel Multiplex Bead-Based Assay for Detection of IDH1 and IDH2 Mutations in Myeloid Malignancies. <i>PLoS One</i> . 2013 Sep 30;8(9):e76944.	3.73	3
15.	<b>Shivarov V</b> , Dimitrova P, Vassilev T. Complex downstream effects of nuclear export inhibition in B-cell lymphomas: a possible role for activation-induced cytidine deaminase (AID). <i>Haematologica</i> . 2013 Sep;98(9):e111-3.	5.868	2
16.	<b>Shivarov V</b> , Gueorguieva R, Stoimenov A, Tiu R. DNMT3A mutation is a poor prognosis biomarker in AML: Results of a meta-analysis of 4500 AML patients. <i>Leuk Res</i> . 2013 Nov;37(11):1445-50.	2.692	47
17.	<b>Shivarov V</b> , Stoimenov A, Spassov B, Angelova S, Niagolov M, Ivanova M. Patient-specific microRNA expression profiles as a marker for minimal residual disease in acute myeloid leukemia. <i>Hematology</i> . 2014 Jan;19(1):18-21.	1.253	4
18.	<b>Shivarov V</b> , Ivanova M, Yaneva S, Petkova N, Hadjiev E, Naumova E. Quantitative bead-based assay for detection of JAK2 exon 12 mutations. <i>Leuk Lymphoma</i> . 2013 Jun;54(6):1343-4.	2.301	7
19.	Gu X, <b>Shivarov V</b> , Strout MP. The role of activation-induced cytidine deaminase in lymphomagenesis. <i>Curr Opin Hematol</i> . 2012 Jul;19(4):292-8.	4.111	25
20.	Angelova S, Zechev J, Stoimenov A, Spassov B, Romanova M, <b>Shivarov V</b> . A novel t(7;21)(q32;q22) translocation disrupting the RUNX1 gene in an adult patient with acute myeloid leukemia. <i>Leuk Lymphoma</i> . 2011	2.58	1

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	Dec;52(12):2396-8.		
21.	Angelova S, Jordanova M, Spassov B, <b>Shivarov V</b> , Simeonova M, Christov I, Angelova P, Alexandrova K, Stoimenov A, Nikolova V. Amplification of c-MYC and MLL Genes as a Marker of Clonal Cell Progression in Patients with Myeloid Malignancy and Trisomy of Chromosomes 8 or 11, <i>Balk J Med Gen.</i> 2011 (14),2,17-24.	0.255	3
22.	<b>Shivarov V</b> , Ivanova M, Hadjiev E, Naumova E. Rapid quantification of JAK2 V617F allele burden using a bead-based liquid assay with locked nucleic acid-modified oligonucleotide probes. <i>Leuk Lymphoma.</i> 2011 Oct;52(10):2023-6.	2.58	6
23.	Angelova S, Spassova S, Toshkov S, <b>Shivarov V</b> . Chromosomal translocation t(9;22)(p24;q11) appears to be recurrently associated with myeloid malignancy with aggressive course. <i>Leuk Lymphoma.</i> 2011 Sep;52(9):1809-10.	2.58	4
24.	Dimitrova P, Vassilev T, <b>Shivarov V</b> . Inhibition or overactivation of AICDA to eliminate pathologic B cell clones? Comment on the article by Hsu et al. <i>Arthritis Rheum.</i> 2011 Oct;63(10):3174-5.	7.866	2
25.	Ivanova MI, <b>Shivarov VS</b> , Hadjiev EA, Naumova EJ. Novel multiplex bead-based assay with LNA-modified probes for detection of MPL exon 10 mutations. <i>Leuk Res.</i> 2011 Aug;35(8):1120-3.	2.923	16
26.*	<b>Shivarov, V.</b> , Shinkura, R., Doi, T., Begum, NA, Nagaoka, H., Okazaki, I., Ito, S., Nonaka, T., Kinoshita, K., Honjo, T. Molecular mechanism for generation of anti-body memory. <i>Phil. Trans. R. Soc. B.</i> 2009 Mar 12;364(1517):569-75.	5.117	28
27.*	<b>Shivarov, V.</b> , Shinkura, R., Honjo, T. Dissociation of in vitro DNA deamination activity and physiological functions of AID mutants. <i>Proc Natl Acad Sciences.</i> 2008 Oct 14;105(41):15866-71 .	9.38	34
28.	Ivanova, M., Ruiqing, J., Matsushita, M., Ogawa, T., Kawai, S., Ochiai N., <b>Shivarov, V.</b> , Maruya, E., Saji, H. MBL2 SNPs diversity among four ethnic groups as revealed by a bead-based liquid array profiling. <i>Hum Immunology.</i> 2008 Dec;69(12):877-84.	3.061	15
29.	<b>Shivarov, V.</b> , Stoimenov, A., Galabova, I., Balatzenko, G., Guenova, M. Very early onset of an acute myeloid leukemia in an adult patient with B-cell lympho-blastic leukemia. <i>Int J Lab Haematol.</i> 2009 Feb;31(1):106-13.	1.168	6
30.	<b>Shivarov, V.</b> , Nikolova, V., Balatzenko, G., Guenova, M. Microgranular relapse of typical hypergranular promyelocytic leukemia. <i>Leuk Lymphoma.</i> 2006 Dec;47(12):2661-3.	1.559	1
31.	<b>Shivarov, V.</b> , Dimitrov, J., Guenova, M. Lymphoid neoplasms in Bulgaria accord-ing to the WHO classification (2001). The experience of the National Center of Haematology. <i>Haematologica.</i> 2005 Dec;90(12 Suppl): ELT07	4.575	5
32.	Jelev, L., <b>Shivarov, V.</b> , Surchev, L, Bilateral variations of the psoas major and the iliacus muscles and presence of an undescribed variant muscle - accessory iliopsoas muscle. <i>Ann Anat.</i> 2005 July; 187 (3):281-286.	0.427	34
<b>Общо</b>		<b>101.62</b>	<b>305</b>

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#### ПАТЕНТИ

Номер	Описание
1.	<b>Полезен модел BG1777(U1):</b> Средство за директно определяне на мутации в екзон 12 на човешкия JAK2 ген в проби от кръв или костен мозък. Изобретатели: Милена Иванова, Елисавета Наумова и <b>Велизар Шиваров</b> .
2.	<b>Полезен модел: BG1494U1:</b> Средство за in vitro определяне на W515A/K/L/R мутации на MPL гена в кръвни проби. Изобретатели: Милена Иванова и <b>Велизар Шиваров</b> .
3.	<b>Полезен модел: BG1481U1:</b> Средство за директно определяне на JAK2 V617F мутация в кръвна проба. Изобретатели: Милена Иванова, Елисавета Наумова и <b>Велизар Шиваров</b> .

#### ДРУГИ

Номер	Описание
1.	Генова М, Вълков И, Христова С, Балаценко Г, Шиваров В. Методични насоки за диагностика на тумори на лимфоидната тъкан. Версия 1.1 от 09.03.2007. ( <a href="http://bulgarian-hematology.com/bg/metodichni-ukazania.html">http://bulgarian-hematology.com/bg/metodichni-ukazania.html</a> )

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