

Списък с научните трудове
на гл.ас. д-р инж. Данчо Любенов Даналев
излезли след придобиване на научната и образователна
степен „доктор”

A. В западни списания с импакт фактор

1. L. Vezenkov, **D. Danalev**, B. Grigorova, Synthesis of new analogues of antistasin and ghilantens, *Collection of Czechoslovak Chemical Communications*, 2003, 6, 115-118 (i.f. 1.062)
2. **D. Danalev**, L. Vezenkov, B. Grigorova, Design, synthesis and structure-activity relationship of a series of fragment analogues of antistasin (ATS) and ghilantens (GLS), *Bioorg&Med. Chem. Lett.*, 2005, 15, 4217-4220 (i.f. 2.333)
3. **D. Danalev**, L. Yotova, L. Vezenkov, Investigation of kinetic parameters *in vitro* of serine proteinases included in the blood coagulation cascade, **Protein & Peptide Letters**, 2006, 13 (6), 535-537 (i.f. 0.78)
4. **D. Danalev**, M. Koleva, D. Ivanova, L. Vezenkov, N. Vassilev, Synthesis of two peptide mimetics as markers for chemical changes of wool's keratin during skin unhairing process, *Protein & Peptide Letters*, 2008, 15 (4), 341-345 (i.f. 1.10)
5. L. Vezenkov, M. Georgieva, **D. Danalev**, Tch. Ivanov, G. Ivanova, Synthesis and characterization of new galanthamine derivatives comprising peptide moiety, *Protein & Peptide Letters*, 2009, 16 (9), 1024-1028 (i.f. 1.281)
6. I. Ivanov, L. Vezenkov, **D. Danalev**, New peptide analogues of β -secretase inhibitor OM 99-2, modified in P₃-position, *Collection of Czechoslovak Chemical Communications* 2009, 11, 47-50 (i.f. 0.879)
7. S. Vezenkov and **D. Danalev**, From molecule to sexual behavior: The role of the neuropeptide Proctolin in acoustic communication in the male grasshopper *Chorthippus biguttulus*, *European Journal of Pharmacology* (2009) 216, 57-60 (i.f. 2,787).
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9. I. Minchev, **D. Danalev**, L. Vezenkov, L. Nikolaeva-Glomb, A. Galabov, An original strategy for Gln containing peptide synthesis using SPPS and Glu(OH)-1-OAll, *International Journal of Peptide Research and Therapeutics*, 2010, 16(3), 233-238 (i.f. 1,1)
10. S. Bayryamov, **D. Danalev**, N. Vassilev, Ribozymomimetic chemical synthesis of peptide bond using phosphorous acid /oxirane mediators, *Phosphorus, Sulfur, and Silicon and the Related Elements*, 2011, 186 (2), 338-344 (i.f. 0.692)
11. **Dancho Danalev**, Laurent Legentil, Richard Daniellou, Caroline Nugier-Chauvin and Vincent Ferrières, Direct access to new β -D-galactofuranoconjugates: Application to the synthesis of S-galactofuranosyl-L-cysteine and serine, *Tetrah. Lett.*, 2011, 52, 1121-1123 (i.f. 2.66)
12. **D. Danalev**, N. Lubin-Germain, S. Serfaty, J.Y. LeHuerou, J. Augé, J. Uziel, P. Griesmar, Titan based hybrid organic-inorganic gels comprising carbohydrate moiety, *Phosphorus, Sulfur, and Silicon and the Related Elements*, 2011, 186(11):2216-2225 (i.f. 0.692)
13. L. Vezenkov, J. Sevalle, **D. Danalev**, T. Ivanov, A. Bakalova, M. Georgieva and F. Checler, Galanthamin based hybrid molecules with acetylcholinesterase, butyrylcholinesterase and γ -secretase inhibition activities, *Curr. Alz. Res.*, 2011, accepted (i.f. 4.953)

Б. Патенти, авторски свидетелства и внедрявания

1. Везенков, Любомир Т; Георгиева, Мария Г; **Даналев, Данчо Л**; Иванов, Чавдар Б; Бакалова, Анастасия Т; Христов, Крум К; Митев, Ваньо И. Производни на галантамина, методи за тяхното получаване и използването им. № на патентната заявка е BG 110141 от 23. 05. 2008
2. Vezenkov L., Georgieva M., **Danalev D.**, Ivanov, Tchavdar B., Bakalova A., Hristov K., Danchev N., Mitev V., New galanthamine derivatives containing peptide fragment, useful as active substances for prophylaxis and treatment of neurodegenerative disease e.g. senile dementia and Alzheimer's disease – 2008, EP2123328-B1
3. **Даналев Д.**, Везенков Л. - Технология за производство на L-carnitine таблетна форма – 2008, фирма БиоМеда, Пловдив
4. Бърдаров В., **Даналев Д.**, Везенков Л. – Внедряване на метод IEC 1998 за определяне на фуранови производни в отработени трансформаторни масла за нуждите на Националната Електрическа Компания.

В. Публикации в западни списания без импакт фактор

1. B. Grigorova, **D. Danalev**, L. Vezenkov, Structure-activity relationship of short analogues of antistasin (ATS) and ghilantens (GLS) including different basic amino acids in 109 position, *Peptides, Proceedings of the 28th European Peptide Symposium*, 2004, 908-909
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3. **D. Danalev** and L. Vezenkov, New fragment analogues of antistasin's (ATS) active site – design, synthesis and structure-activity relationship, *Peptides, Proceedings of the 29th European Peptide Symposium*, 2006, 148-149
4. **D. Danalev** and Lyubomir Vezenkov, New amide analogues of antistasin isoform 2 and 3, *Peptides, Proceedings of the 30th European Peptide Symposium*, 2008, 220-221
5. S. Bayryamov, **D. Danalev**, N. Vassilev, Efficient chemical synthesis of amides and peptides using phosphonic acid/alkylene oxide chemistry, *Peptides, Proceedings of the 30th European Peptide Symposium*, 2008, 130-131
6. I. Ivanov, **D. Danalev**, L. Vezenkov, Design And Synthesis Of New Peptide Mimetics With Potential β -secretase Inhibition Activity, *Peptides, Proceedings of the 30th European Peptide Symposium*, 2008, 240-241
7. **D. Danalev**, N. Lubin-Germain, J. Uziel, J. Augé, Synthesis of glycopeptides potential inhibitors of human rhinovirus 3C protease, *Peptides, Proceedings of the 31th European Peptide Symposium*, 2010, 92-93
8. **D. Danalev**, L. Vezenkov and N. Vassilev, Synthesis of tacrine analogues comprising peptide moiety, *Peptides, Proceedings of the 31th European Peptide Symposium*, 2010, 304-305
9. **D. Danalev**, Jean-Marie Ringiard, Stéphane Serfaty, Jean-Yves Le Huérou, Emmanuel Caplain, Lyubov K. Yotova, Pascal Griesmar, Synthesis of new polymer matrices including amino acids, *Peptides, Proceedings of the 31th European Peptide Symposium*, 2010, 70-71

Г. Публикации в български списания

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2. Investigation of the inhibiting effect of Phe-Ile-Arg-Pro-Lys-Arg-Lys on the serine proteinases included in the blood coagulation cascade, D. Danalev, L. Yotova, L. Vezenkov, *Bulgarian Chemical Communications, Volume 38, Number 1 (pp. 3–6) 2006*, Proceeding of 4th Bulgarian Peptide Symposium
3. Design, synthesis and anticoagulant studies of new antistasin isoform 2 and 3 analogues - D. L. Danalev and L. T. Vezenkov, Bulgarian Chemical Communications, 2009, Proceeding of the 5th Bulgarian Peptide Symposium, v. 41 (2), 99-103
4. Synthesis of two peptide mimetics as markers for chemical changes of wool's keratin during skun unhairing process and comparison of the wool quality obtained by ecological methods for skins unhairing - M. Koleva, D. Danalev, D. Ivanova, L. Vezenkov and N. Vassilev, Bulgarian Chemical Communications, 2009, Proceeding of the 5th Bulgarian Peptide Symposium, v. 41 (2), 160-164
5. Synthesis of model peptide substrates and investigation of the reaction of their phenylacetyl protecting group enzyme transformation by means of penicillin G acylase – D. Danalev and L. Yotova, Bulgarian Chemical Communications, 2009, Proceeding of the 5th Bulgarian Peptide Symposium, v. 41 (2), 122–126
6. New peptide mimetics with potential β -secretase inhibition activity – I. Ivanov, D. Danalev and L. Vezenkov, Bulgarian Chemical Communications, 2009, Proceeding of the 5th Bulgarian Peptide Symposium, v. 41 (2), 143-148
7. M. Evlogieva, D. Danalev, D. Tanev, L. Vezenkov, B. Damianova, Investigation of fatty acids composition in food additives using gas chromatography-mass spectrometry, 2010 *JUCTM*, , 45 (1): 87-92