



Curriculum vitae Europass

Informații personale

Nume / Prenume

DIACONU, CARMEN - CRISTINA

Domeniul ocupațional

Cercetare biomedicala

Experiența profesională

Perioada	2018-prezent
Funcția sau postul ocupat	Director
Activități și responsabilități principale	Coordonare activitate institut de cercetare al Academiei Române, coordonare programe de cercetare, proiecte de cercetare in domeniul bio-medical, formare cercetatori, masteranzi, doctoranzi in domeniul medicinei moleculare, biologiei celulare si moleculare, imunologiei, virusologiei, chimiei medicale, si biochimiei.
Numele și adresa angajatorului	Institutul de Virusologie Stefan S. Nicolau, sos Mihai Bravu 285, Bucuresti
Tipul activității sau sectorul de activitate	Cercetare in virusologie, patologii moleculare si celulare, epidemiologie genetica, imunologie
Perioada	2016-2018
Funcția sau postul ocupat	Director adjunct
Activități și responsabilități principale	Coordonare programe de cercetare, proiecte de cercetare in domeniul bio-medical, formare cercetatori, masteranzi, doctoranzi si rezidenti in domeniul medicinei moleculare, biologiei celulare si moleculare, imunologiei, virusologiei, chimiei medicale, si biochimiei.
Numele și adresa angajatorului	Institutul de Virusologie Stefan S. Nicolau, sos Mihai Bravu 285, Bucuresti
Tipul activității sau sectorul de activitate	Cercetare in virusologie, patologii moleculare si celulare, epidemiologie genetica, imunologie
Perioada	2012-2018
Funcția sau postul ocupat	cercetator stiintific I/ sef departament
Activități și responsabilități principale	Coordonare departament, proiecte de cercetare in domeniul bio-medical, formare cercetatori si rezidenti
Numele și adresa angajatorului	Institutul de Virusologie Stefan S. Nicolau, sos Mihai Bravu 285, Bucuresti
Tipul activității sau sectorul de activitate	Cercetare in virusologie, patologii moleculare si celulare, epidemiologie genetica, imunologie
Perioada	2007-2012
Funcția sau postul ocupat	cercetator stiintific II/ sef departament
Activități și responsabilități principale	Coordonare departament, proiecte de cercetare in domeniul bio-medical, formare cercetatori si rezidenti
Numele și adresa angajatorului	Institutul de Virusologie Stefan S. Nicolau, sos Mihai Bravu 285, Bucuresti
Tipul activității sau sectorul de activitate	Cercetare in virusologie, biologie moleculare si celulare, epidemiologie genetica, imunologie

Perioada 2005-2007
 Funcția sau postul ocupat Colaborator stiintific FNRS (Fonds National de la Recherche Scientifique) + postdoctoral associate
 Activități și responsabilități principale Cercetare stiintifica, proiecte de cercetare, formare studenti PhD
 Numele și adresa angajatorului Ludwig Institute for Cancer Research, Universitatea Catolica Louvain, Facultatea de Medicina, Avenue Hippocrate 74, 75+1, Brussels, Belgia
 Tipul activității sau sectorul de activitate medicina experimentală, medicina moleculară

Perioada 1994 -2005
 Funcția sau postul ocupat Cercetator stiintific/ CSIII
 Activități și responsabilități principale Cercetare stiintifica, proiecte de cercetare
 Numele și adresa angajatorului Institutul de Virusologie Stefan S. Nicolau, sos Mihai Bravu 285, Bucuresti
 Tipul activității sau sectorul de activitate cercetare in domeniul bio-medical, viroze emergente

Perioada 1993 - 1994
 Funcția sau postul ocupat Biochimist, sef proiect biotehnologii
 Activități și responsabilități principale Proiecte de cercetare biotehnologica
 Numele și adresa angajatorului BIOING SA, Bucuresti
 Tipul activității sau sectorul de activitate Institut privat de bioinginerie, biotehnologie si protectia mediului

Educație și formare

Perioada 1994-2001
 Calificarea / diploma obținută Doctor in chimie
 Disciplinele principale studiate / competențe profesionale dobândite Teza: Interactiunea heminei cu diferite biomolecule si structuri biologice; Implicatii terapeutice. Coordonator : Academician Prof. Dr. Victor E Sahini
 Numele și tipul instituției de învățământ / furnizorului de formare *Universitatea Bucuresti/Facultatea de Chimie*
 Nivelul în clasificarea națională sau internațională ISCED 7

Perioada 1988-1993
 Calificarea / diploma obținută Licentiat in biochimie (5 ani)
 Disciplinele principale studiate / competențe profesionale dobândite Biochimie, biologie moleculară si celulară, genetica, fiziologie, metabolism, enzimologie, proteine si acizi nucleici, chimie, fizica, biofizica
 Numele și tipul instituției de învățământ / furnizorului de formare Universitatea Bucuresti/Facultatea de Chimie
 Nivelul în clasificarea națională sau internațională ISCED 6

Aptitudini și competențe personale

Limba(i) maternă(e) **Româna**
 Limba(i) străină(e) cunoscută(e) Engleza, Germana, Franceza

Autoevaluare
 Nivel european (*)

Limba Engleza

Înțelegere				Vorbire				Scriere	
Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
C1	Utilizator experimentat	C1	Utilizator experimentat	C1	Utilizator experimentat	C1	Utilizator experimentat	C1	Utilizator experimentat

Limba Franceza	B1	Utilizator independent	B1	Utilizator independent	A2	Utilizator elementar	A2	Utilizator elementar	A2	Utilizator elementar
Limba Germana	B1	Utilizator independent	C1	Utilizator experimentat	A2	Utilizator elementar	A2	Utilizator elementar	A2	Utilizator elementar

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Competențe și abilități sociale	Experiența în echipe multinaționale prin participarea la multiple cursuri practice și proiecte colaborative desfășurate în Ungaria (2 ani), Germania (mai multe stagii de 1-3 luni), Belgia (3 luni + stagiul postdoctoral 2,5 ani), Marea Britanie, SUA. Am consolidat această experiență în echipa din care fac parte în România, prin colaborări naționale și internaționale.
Competențe și aptitudini organizatorice	Experiența în managementul institutului (aprox 70 angajați), programelor de cercetare, departamentului pe care l-am coordonat (11 cercetători, 11 asistenți și pers. auxiliari) și prin conducerea unor proiecte de cercetare naționale și internaționale cu echipe de până la 20 de cercetători (VIASAN, CEEEX, PNCDII, Proiecte bilaterale, Proiecte POC, Horizon 2020, etc); experiența în organizarea de cursuri, simpozioane, ateliere de lucru.
Competențe și aptitudini tehnice	Utilizarea, evaluarea performanțelor și deșurarea echipamentelor de laborator (microscopie optică, fluorescență, confocal; citometru de flux, termociclere, secvențiator, spectrometru de masă, etc)
Competențe și aptitudini de utilizare a calculatorului	O foarte bună stăpânire a aplicațiilor software pe sisteme de operare MacOS și WINDOWS (aplicații grafice, statistice, editare, etc.)
Alte competențe și aptitudini	- expert - evaluator al corpului de evaluatori ai Ministerului Educației și Cercetării (CNCSIS, PNCDI), Comisiei Europene ; membru în Comisia de Medicină CNATDCU, membru în comitete editoriale/referent la diferite publicații științifice
Informații suplimentare	<p>Premii:</p> <ul style="list-style-type: none"> - Premiul de Excelență Medicină Academică 2014, pentru cercetare fundamentală, București. - Premiul de Excelență Herbert Berler-Barbu al Fundației Nicolae Cajal, la Simpozionul Acad. Nicolae Cajal, ed 2014, București. - Premiul Ștefan S Nicolau al Academiei Române, pentru o suită de 11 articole științifice, 2005 - Premiul pentru cea mai valoroasă lucrare în domeniul Virusologiei (II) la <i>AI IV-lea Simpozion Acad. Nicolae Cajal</i>, 26-28 martie 2008, București, pentru lucrarea: Utilizarea vectorilor retrovirali în screeningul preclinic de librării moleculare, CC. Diaconu, A. Dusa, S N. Constantinescu. - Nominalizarea la premiile Amedeo Prize 2008 pentru publicații remarcabile în medicină - pentru articolul: Staerk J, Kallin A, Royer Y, Diaconu CC, Dusa A, Demoulin JB, Vainchenker W, Constantinescu SN. JAK2, the JAK2 V617F mutant and cytokine receptors. <i>Pathol Biol (Paris)</i>. Elsevier, 55(2):88-91, 2007) - Premii CNCSIS/UEFISCDI pentru rezultatele cercetării 2009 -2020 – peste 10 articole - Honorable Mention for scientific merit and clarity la „a 4-a Școală de Vara Europeană de Imunologie”, Praga, 1995 pentru punerea la punct a unor metode de serotipare a subtipurilor HIV-1 circulante. <p>Studii postdoctorale:</p> <ul style="list-style-type: none"> - 2005-2007 bursa FNRS (Fonds National de la Recherche Scientifique), Ludwig Institute for Cancer Research, Universitatea Catolică Louvain, Facultatea de Medicină, Brussels, Belgia – medicina moleculară și celulară - 2010-2012 bursa în cadrul Programului Operațional Sectorial pentru Dezvoltarea Resurselor Umane (POSDRU), finanțat din Fondul Social European și Guvernul României prin contractul nr. POSDRU/89/1.5/S/64109 Universitatea de Medicină și Farmacie Carol Davila, București, România – epidemiologia genetică a bolilor complexe. <p>Membru în asociații:</p> <p>European Science Foundation (ESF) American Association for the Advancement of Science (AAAS) New York Academy of Sciences (NYAS) European Cytometry Network Societatea Română de Biochimie și Biologie Moleculară (afiliată FEBS) Societatea de Imunologie din România ResearcherID: B-9119-201 (URL: http://www.researcherid.com/rid/B-9119-2011)</p> <p>Membru în Editorial Boards:</p> <p>Journal of Cellular and Molecular Medicine (ISI), Romanian Biotechnological Letters, Journal of Contemporary Clinical Practice; BioAccent BAOJ HIV; Herald Scholarly Open Access Journal of Virology and Antivirals;</p>

Selectie din lista de publicatii – Carmen C. Diaconu

1. Sahini VE, Dumitrescu M, Volanschii E, Barla L and **Diaconu C**, Spectral and interferometrical study of the interaction of hemin with glutathion, *Biophysical Chemistry* 58, 245-253 (1996).
2. **Diaconu, C. C.**, Szathmari, M. Keri, G., Venetianer, A., Programmed cell death (apoptosis) is induced in both drug-sensitive and multidrug-resistant hepatoma cells by somatostatin analog TT 232, *British J. Cancer*, Nature Publishing Group, 80 (8), 1197-1203 (1999).
3. Tardei, G., Duiculescu, D., Capo, C., **Diaconu, C.C.**, Mutiu, A., Mege, J.-L., Cernescu, C.E., Phagocytic function of monocytes in children with Human Immunodeficiency Virus Type 1 Infection, *Clin. Diagn. Lab. Immunol.*, American Society for Microbiology, 7 (2), 296-297 (2000).
4. Chitu V.*, **Diaconu C.C.***, Veliceasa D., Ruta S.-M., Grancea C., Târdei G., Cernescu C.E. Dynamics of the HIV-1 variability in adults from Bucharest, 1992-1998, *Rom J Virol*, 50, 50, 1-4 (1999) (* co-first authors).
5. Mutiu, A, Alexiu, I, Chivu M, Petica M., Anton G, Bleotu C, **Diaconu C.**, Popescu C., Jucu V., Cernescu C. "Detection of human papillomavirus gene sequences in cell lines derived from laryngeal tumours.", *J.Cell.Mol.Med.*, Blackwell Publishing Inc., 5, 1, 49 (2001).
6. M. Chivu, **Diaconu C. C.**, Braşoveanu L., Alexiu I., Bleotu C., Bănceanu G., Miscalencu, D., Cernescu C.; Ex vivo differentiation of umbilical cord blood progenitor cells in the presence of placental conditioned medium, *J. Cell. Mol. Med.*, Blackwell Publishing Inc 6, 4, 609 (2002).
7. **C. C. Diaconu**, Szathmari, M., Venetianer, A.; „Antiproliferative and Apoptosis-inducing Effects of Hemin in Multidrug-Resistant Hepatoma Cells”. *Apoptosis-From Signaling Pathways to Therapeutic Tools*, Ed. Marc Diederich Ann. N.Y. Acad., N.Y., 1010, 311-315 (2003).
8. Plesa A, Anton G., **Diaconu C.**, Stoian M., Repanovici R., Cernescu C., Cloning and expression of the L1 major capsid protein of the human papillomavirus 18 in murine cells, *Int J Mol Med.*, 12 (6), 1021-1026 (2003).
9. M. Giambasu, **C. C. Diaconu** and M. Hillebrand, Electronic Structure Of Some Antiviral Compounds, *Internet Electron. J. Mol. Design* 3, 73–82, Bio Chem Press, Galveston, USA (2004).
10. **C. C. Diaconu**, C. Bleotu, M. Chivu, I. Alexiu, D. Petrusca, G. Anton, R. Achim, S. M. Ruta, C. Cernescu, The development of larger cells that spontaneously escape senescence – a step during the immortalization of a human cancer cell line, *J. Cell. Mol. Med.*, Blackwell Publishing Inc, 8, 93-101 (2004).
11. M. Chivu, **C. C. Diaconu**, C. Bleotu, I. Alexiu, L. Braşoveanu, C. Cernescu, The comparison of different protocols for expansion of umbilical cord blood hematopoietic stem cell, *J. Cell. Mol. Med.*, Blackwell Publishing Inc, 8, 2, 223-231, (2004).
12. M. Chivu, **C. C. Diaconu**, C. Bleotu, L. Braşoveanu, M. Gheorghiu, D. Pasarica, C. Cernescu, Placental conditioned medium contains growth factors which regulate the development of umbilical cord blood derived stem cells, *Proceedings of the Romanian Academy, series B*, 2:129-135 (2004).
13. S. Paus, M. Rietschel, T. G. Schulze, S. Ohlraun, **C. C. Diaconu**, A. Van Den Bogaert, W. Maier, P. Propping, S. Cichon and M. M. Nöthen, Systematic screening for mutations in the human N-methyl-D-aspartate receptor 1 gene in schizophrenic patients from the German population *Psychiatric Genetics*, Lippincott Williams&Wilkins, 14, 4, 233-234 (2004).
14. Petrusca DN, Petrescu A, Vrabie C, Niculescu L, Jinga V, Diaconu C, Brasoveanu L. Cell cycle regulatory factors in juxta-tumoral renal parenchyma. *Rom J Morphol Embryol.* 46, 117-22, ISSN: 1220-0522 (2005).
15. **Diaconu CC.**, Tone M., Ruta SM., Bleotu C., Cernescu C., Volanschii E., Spectral study of the interaction of hemin with some HIV-1 V3 synthetic peptides. *Proceedings of the Romanian Academy series B*, vol. 7 (1), 15-22 (2005).
16. Bleotu C., **Diaconu CC**, Chivu M, Alexiu I, Ruta SM, Cernescu C. Evaluation of TV cell line viral susceptibility using conventional cell culture techniques. *Central European Journal of Medicine*, Springer, 1, 1-11 (2006).
17. Ionescu S, **Diaconu CC**, Hillebrand M. Theoretical Study of Some Verapamil Derivatives. *Int J Quantum Chem*, JOHN WILEY & SONS INC, 106, 1457-1464 (2006).

18. Staerk J, Kallin A, Royer Y, **Diaconu CC**, Dusa A, Demoulin JB, Vainchenker W, Constantinescu SN. JAK2, the JAK2 V617F mutant and cytokine receptors. *Pathol Biol, Elsevier*, 55(2), 88-91 (2007).
19. Toader A. M., **Diaconu C.** and Volanschi E., Spectroelectrochemical Study of the 2008 Wolters Kluwer Health | Lippincott Williams & Wilkins. Hemin – Glutathione Interaction in the Absence and Presence of Surfactants, *Electrochemical Transactions, Pharmacoelectrochemistry*, 3, (29) 155-166, Editor(s): M. Urquidi-Macdonald, I. Gonzalez, The Electrochemical Society, (2007).
20. Knoops L, **Diaconu CC**, Constantinescu SN, Using JAK2 inhibitors in myeloproliferative neoplasms, *Myeloproliferative Disorders in Practice*, Hayward Group London, 2, 1, 3-6 (2008).
21. Grigoriu-Serbanescu M, **Diaconu CC**, Herms S, Bleotu C, Vollmer J, Muehleisen TW, Prelipceanu D, Priebee L, Mihailescu R, Georgescu M-J, Sima D, Grimberg M, Noethen MM and Cichon S., Investigation of the tryptophan hydroxylase 2 gene in bipolar disorder in the Romanian population, *Psychiatric Genetics*, Lippincott Williams & Wilkins, 18(5):240-7 (2008).
22. Grigoriu-Serbanescu M, Herms S, Muehleisen TW, Georgi A, **Diaconu CC**, Strohmaier J, Czerski P, Hauser J, Leszczynska-Rodziewicz A, Jamra RA, Babadjanova G, Tiganov A, Krasnov V, Kapiletti S, Neagu AI, Vollmer J, Breuer R, Rietschel M, Nöthen MM, Cichon S, Propping P., Variation in P2RX7 candidate gene (rs2230912) is not associated with bipolar I disorder and unipolar major depression in four European samples. *Am J Med Genet B Neuropsychiatr Genet.* 150B(7):1017-21, Wiley-Liss, ISSN: 1552-4841 (2009).
23. Grigoriu-Serbanescu M, Herms S, **Diaconu CC**, Jamra RA, Meier S, Bleotu C, Neagu AI, Prelipceanu D, Sima D, Gherghel M, Mihailescu R, Rietschel M, Nöthen MM, Cichon S, Muehleisen TW., Possible association of different G72/G30 SNPs with mood episodes and persecutory delusions in bipolar I Romanian patients., *Prog Neuropsychopharmacol Biol Psychiatry.* 34(4):657-63, Elsevier, (2010).
24. Economescu MC, Necula LG, Dragu D, Badea L, Dima SO, Tudor S, Nastase A, Popescu I, **Diaconu CC**. Identification of potential biomarkers for early and advanced gastric adenocarcinoma detection. *Hepatogastroenterology*, 57, 104:1453-64 (2010).
25. **Diaconu CC**, Neagu AI, Lungu R, Tardei G, Alexiu I, Bleotu C, Economescu MC, Bumbăcea RS, Pele I, Bumbăcea D., Plasticity of regulatory T cells under cytokine pressure. *Roum Arch Microbiol Immunol.* 69(4):190-196 (2010).
26. Cichon S; Muhleisen TW, Degenhardt FA, Mattheisen M, Miro X, Strohmaier J, Steffens M, Meesters C, Herms S, Weingarten M, Priebe L, Haenisch B, Aexander M, Vollmer J, Breuer R, Schmal C; Tessmann P, Moebus S, Wichmann, Schreiber S, Muller-Myhsok B, Lucae S, Jamain S, Leboyer M, Bellivier F, Etain B, Henry C, Kahn JP, Heath S, Hamshere, M, O'Donovan MC, Owen, MJ, Craddock N, Schwarz M, Vedder H, Kammerer-Ciernioch J, Reif A, Sasse J, Bauer M, Hautzinger M, Wright A, Mitchell PB, Schofield PR, Montgomery GW, Medland SE, Gordon SD Martin NG, Gustafsson O, Andreassen O, Djurovic S, Sigurdsson E, Steinberg S, Stefansson H, Stefansson K, Kapur-Pojkic L, Oruc, Rivas F, Mayoral F, Chuchalin A, Babadjanova G, Tiganov AS, Pantelejeva G, Abramova LI, Grigoriu-Serbanescu M, **Diaconu CC***, Czerski PM, Hauser J, Zimmer A, Lathrop M, Schulze TG, Wienker TF, Schumacher J, Maier W, Propping P, Rietschel M, Nothen MM. (*representative of Institute of Virology Bucharest in the consortium that participated in this study), *Genome-wide Association Study Identifies Genetic Variation in Neurocan as a Susceptibility Factor for Bipolar Disorder*, *American Journal of Human Genetics* 88, 3, 372-381 (2011).
27. Manolescu L, Temereanca A, **Diaconu CC**, Ruta S., Correlation between resistance profile and immunosuppression in heavily treated HIV-1 infected Romanian patients. *Rom Biotechnol Lett.* 16(4):6439-6449 (2011).
28. Vassos E, Steinberg S, Cichon S, Breen G, Sigurdsson E, Andreassen OA, Djurovic S, Morken G, Grigoriu-Serbanescu M, **Diaconu CC**, Czerski PM, Hauser J, Babadjanova G, Abramova LI, Muehleisen TW, Nöthen MM, Rietschel M, McGuffin P, St. Clair D, Gustafsson O, Melle I, Pietiläinen OPH, Ruggeri M, Tosato S, Werge T, Ophoff RA, GROUP Consortium, Rujescu D, Børglum AD, Mors O, Mortensen PB, Demontis D, Hollegaard MV, van Winkel R, Kenis G, De Hert M, Réthelyi JM., Bitter I, Rubino IA, Golimbet V, Kiemeny LA, van den Berg LH, Franke B, Jönsson EG, Farmer A, Stefansson H, Stefansson K, Collier DA, *Replication Study and Meta-Analysis in European Samples Supports Association of the 3p21.1 Locus with Bipolar Disorder*, *Biol Psychiatry* 72(8):645-650, 2012
29. L.G. Necula, M. Chivu-Economescu, E.L. Stanciulescu, C. Bleotu, S.O. Dima, I. Alexiu, A. Dumitru, G. Constantinescu, I. Popescu, **C.C. Diaconu**, IL-6 and IL-11 as markers for tumor aggressiveness and prognosis

in gastric adenocarcinoma patients without mutations in Gp130 subunits, *J Gastrointestinal and Liver Diseases*, 21(1) 23-29, 2012

30. C Pecquet, **C.C. Diaconu**, J. Staerk, M. Girardot, C. Marty, Y Royer, J-P. Defour, A. Dusa, R. Besancenot, S. Giraudier, J-L Villeval, L Knoop, P. J. Courtoy, W. Vainchenker and S. N. Constantinescu, Thrombopoietin receptor down-modulation by JAK2 V617F: restoration of receptor levels by inhibitors of pathologic JAK2 signaling and of proteasomes. *Blood*, 119 (20): 4625-4635, 2012.

31. ML Choong, C Pecquet, V Pendharkar, **CC Diaconu**, J Wei Y Yong, S J Tai, S F Wang, J-P Defour, K Sangthongpitag, J-L Villeval, W Vainchenker, SN Constantinescu, May Ann Lee, Combination treatment for myeloproliferative neoplasms using JAK and pan-class I PI3K inhibitors. *J Cellular and Molecular Medicine*, 17(11):1397-409, 2013

32. Bleotu C, Pircalabioru G, Dragusel R, Aldea I-M, Botezatu A, Banu O, Mihaescu G, Cernescu CE, **Diaconu C C**, Modulation of Interaction Between Virus and Eukaryotic Host by Exposure to *S. aureus* Bacterial Soluble Fractions, *Current Organic Chemistry*, 17 (2) 137-143, 2013

33. Sester M, van Leth F, Bruchfeld J, Bumbacea D, Cirillo DM, Dilektasli AG, Domínguez J, Duarte R, Ernst M, Eyuboglu FO, Gerogianni I, Girardi E, Goletti D, Janssens JP, Julander I, Lange B, Latorre I, Losi M, Markova R, Matteelli A, Milburn H, Ravn P, Scholman T, Soccia PM, Straub M, Wagner D, Wolf T, Yalcin A, Lange C; TBNET Collaborators: Apostoli A, Block M, Borroni E, Bumbacea RS, Codecasa L, Cuzzi G, **Diaconu CC**, Drenska R, Elenkov I, Finke J, Glaewe A, Gunther A, Hantsche MJ, Harju A, Held G, Hopt U, Kayacan O, Kern WV, Krabbe L, Lungu R, Leyking S, Mateo L, Mee J, Minguez S, Nordmark B, Pisarski P, Puig J, Richeldi L, Rupp J, Sester U, Sudkamp N, Todorova Y, Tural C, Usadel S, Walz G, Watter T, Wilkens H, Vanini V. Risk assessment of tuberculosis in immunocompromised patients. A TBNET study. *Am J Respir Crit Care Med*. 190(10):1168-76 2014, 2014

34. Metoni A, Mambet C, Necula LG, Aldea IM, Neagu AI, Matei L, Dragu D, Bleotu C, Ion DA, **Diaconu CC**. Mechanisms of Thrombosis in Systemic Lupus Erythematosus. *Roum Arch Microbiol Immunol*. Jul-Dec;73(3-4):92-98, 2014

35. Ionescu D, Aldea IM, Bleotu C, Conomescu MC, Matei L, Rizea GD, Crisan I, **Diaconu CC**, Mihele D, Evaluation of antiviral and cytotoxic activities of tamarix gallica and silybum marianum extracts, *Farmacia* 62(2), 329-341, 2014

36. Plesa A, Anton G, Iancu IV, **Diaconu CC**, Huica I, Stanescu AD, Socolov D, Nistor E, Popa E, Stoian M, Botezatu A. Molecular variants of human papilloma virus 16 E2, E4, E5, E6 and E7 genes associated with cervical neoplasia in Romanian patients. *Arch Virol*. 159(12):3305-3320, 2014

37. Dragomir-Ananie E T, Procopiuc C, Caliopsia F, Gusa M, **Diaconu, CC**, Neonatal Graves-Basedow disease due to long-standing TRAb persistence following total thyroidectomy. *Journal of Translational Medicine and Research*; 20 (3) 168-171, 2015

38. Matei L, Bleotu C, Baci I, **Diaconu CC**, Hanganu A, Banu O, Ionita P, Paun A, Tatibouët A, Zarafu I. Synthesis and biological activities of some new isonicotinic acid 2-(2-hydroxy-8-substituted-tricyclo[7.3.1.0(2.7)]tridec-13-ylidene)-hydrazides. *Bioorg Med Chem*. 23(3):401-410, 2015

39. Bleotu C, Chifiriuc MC, Lazăr V, Drăgușel R, Matei L, Aldea IM, Dragu LD, Ionescu B, **Diaconu CC**, Cernescu C, Mogoantă CA, Popescu CR, Popescu B, Grigore R, Bertescu ȘV. Influence of *Staphylococcus aureus* attachment to the herpes simplex virus infected cells. *Rom J Morphol Embryol* 56(2):433-437, 2015

40. Dragu DL, Necula LG, Bleotu C, **Diaconu CC**, Chivu-Economescu M. Therapies targeting cancer stem cells: Current trends and future challenges. *World J Stem Cells*. Oct 26;7(9):1185-201. doi: 10.4252/wjsc.v7.i9.1185, 2015

41. Necula LG, Mambet C, Albulescu R, **Diaconu CC**, Epigenetics in gastric carcinogenesis: tet genes as important players, *J Immunoassay Immunochem*. 36(5):445-55 (2015).

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