



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, rezidenti, 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	2011-2018
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	2007-2011
Funcția sau postul ocupat	cercetator stiintific III/ 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 științific FNRS (Fonds National de la Recherche Scientifique) + postdoctoral associate
 Activități și responsabilități principale Cercetare științifică, proiecte de cercetare, formare studenți PhD
 Numele și adresa angajatorului Ludwig Institute for Cancer Research, Universitatea Catolică Louvain, Facultatea de Medicină, Avenue Hippocrate 74, 75+1, Brussels, Belgia
 Tipul activității sau sectorul de activitate medicina experimentală, medicina moleculară, semnalizare

Perioada 1994 -2005
 Funcția sau postul ocupat Cercetător științific/ CSIII + Șef Laborator Terapie Antivirală/CSII
 Activități și responsabilități principale Cercetare științifică, proiecte de cercetare
 Numele și adresa angajatorului Institutul de Virusologie Ștefan S. Nicolau, șos Mihai Bravu 285, București
 Tipul activității sau sectorul de activitate cercetare în domeniul bio-medical, viroze emergente

Perioada 1993 - 1994
 Funcția sau postul ocupat Biochimist, șef proiect biotehnologii
 Activități și responsabilități principale Proiecte de cercetare biotehnologică
 Numele și adresa angajatorului BIOING SA, București
 Tipul activității sau sectorul de activitate Institut privat de bioinginerie, biotehnologie și protecția mediului

Educație și formare

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

Perioada 1988-1993
 Calificarea / diploma obținută Licențiat/master în biochimie (5 ani)
 Disciplinele principale studiate / competențe profesionale dobândite Biochimie, biologie moleculară și celulară, genetică, fiziologie, metabolism, enzimologie, proteine și acizi nucleici, chimie, fizică, biofizică
 Numele și tipul instituției de învățământ / furnizorului de formare Universitatea București/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 multinationale 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 + stagiu 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 (în medie 70 angajați), programelor de cercetare, departamentului coordonat (11 cercetători, 11 asistenți și pers. auxiliar) și prin conducerea unor proiecte de cercetare naționale și internaționale cu echipe de până la 25 de cercetători (VIASAN, CEEX, 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, PN IV), Comisiei Europene EU FP6 and 7, European Innovation Council and SMEs Executive Agency (EISMEA); 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 Al IV-lea Simpozion Acad. Nicolae Cajal, 26-28 martie 2008, București, pentru lucrarea: Utilizarea vectorilor retrovirali în screeningul preclinic de librării moleculare, CC. Diaconu, A. Dusa, S.N. Constantinescu. - Premii CNCSIS/UEFISCDI pentru rezultatele cercetării 2009-2021 – peste 10 articole - Honorable Mention for scientific merit and clarity la „a 4-a Școală de Vară 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 – medicină moleculară și celulară - 2010-2012 bursa în cadrul Programului Operațional Sectorial pentru Dezvoltarea Resurselor Umane (POS DRU), finanțat din Fondul Social European și Guvernul României prin contractul nr. POS DRU/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 (afiata FEBS) Societatea de Imunologie din România Web of Science ResearcherID: B-9119-2011 (https://publons.com/researcher/2806379/carmen-cristina-c-diaconu) https://www.researchgate.net/profile/Carmen-Diaconu;</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>

Anexe **Selectie din lista de publicatii**

Selectie din lista de publicatii

1. Sahini VE, Dumitrescu M, Volanschi E, Barla L and **Diaconu C**. Spectral and interferometrical study of the interaction of hemin with glutathion, *Biophysical Chemistry* 58, 245-253 (1996) DOI: 10.1016/0301-4622(95)00110-7. Q2
2. **Diaconu CC**, Szathmári M, Kéri G, Venetianer A. Apoptosis is induced in both drug-sensitive and multidrug-resistant hepatoma cells by somatostatin analogue TT-232. *Br J Cancer*. 1999 Jun;80(8):1197-203. , Nature Publishing Group, <https://doi.org/10.1038/sj.bjc.6690486>. Q1
3. Tardei G, Duiculescu D, Capo C, **Diaconu CC**, Mutiu A, Mege JL, Cernescu CE. Phagocytic function of monocytes in children with human immunodeficiency virus type 1 infection. *Clin Diagn Lab Immunol*. 2000 Mar;7(2):296-7. doi: 10.1128/CDLI.7.2.296-297.2000 Q3
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 author).
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 tumors. *J Cell Mol Med*. 2001 Jan-Mar;5(1):49-59. doi: 10.1111/j.1582-4934.2001.tb00137.x.
6. Chivu M, **Diaconu CC**, Brasoveanu L, Alexiu I, Bleotu C, Banceanu 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*. 2002 Oct-Dec;6(4):609-20. doi: 10.1111/j.1582-4934.2002.tb00459.x.
7. **Diaconu CC**, Szathmári M, Venetianer A. Antiproliferative and apoptosis-inducing effects of hemin in hepatoma cells. *Ann N Y Acad Sci*. 2003 Dec;1010:311-5. doi: 10.1196/annals.1299.055 Q1
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). Q3
9. Giambasu M, **Diaconu CC** and Hillebrand M, Electronic Structure Of Some Antiviral Compounds, *Internet Electron. J. Mol. Design* 3, 73–82, Bio Chem Press, Galveston, USA (2004).
10. **Diaconu CC**, Bleotu C, Chivu M, Alexiu I, Petrusca D, Anton G, Achim R, Ruta SM, Cernescu C. The development of larger cells that spontaneously escape senescence—a step during the immortalization of a human cancer cell line. *J Cell Mol Med*. 2004 Jan-Mar;8(1):93-101. doi: 10.1111/j.1582-4934.2004.tb00263.x.
11. Chivu M, **Diaconu CC**, Bleotu C, Alexiu I, Brasoveanu L, Cernescu C. The comparison of different protocols for expansion of umbilical-cord blood hematopoietic stem cells. *J Cell Mol Med*. 2004 Apr-Jun;8(2):223-31. doi: 10.1111/j.1582-4934.2004.tb00277.x.
12. Chivu M., **Diaconu C. C**, 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. Paus S, Rietschel M, Schulze TG, Ohlraun S, Diaconu CC, Van Den Bogaert A, Maier W, Propping P, Cichon S, Nöthen MM. Systematic screening for mutations in the human N-methyl-D-aspartate receptor 1 gene in schizophrenic patients from the German population. *Psychiatr Genet*. 2004, Lippincott Williams&Wilkins, 14, 4, 233-234, doi: 10.1097/00041444-200412000-00013. Q3
14. Petruşcă DN, Petrescu A, Vrabie C, Niculescu L, Jinga V, Diaconu C, Braşoveanu L. Cell cycle regulatory factors in juxta-tumoral renal parenchyma. *Rom J Morphol Embryol*. 2005;46(2):117-22. PMID: 16286997.
15. **Diaconu CC.**, Tone M., Ruta SM., Bleotu C., Cernescu C., Volanschi 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, DOI10.1002/qua.20903 Q2.
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). DOI: 10.1016/J.PATBIO.2006.06.003.
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) DOI: 10.1149/1.2753300.
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, Mühleisen TW, Prelipceanu D, Priebe L, Mihailescu R, Georgescu MJ, Sima D, Grimberg M, Nöthen MM, Cichon S. Investigation of the tryptophan hydroxylase 2 gene in bipolar I disorder in the Romanian population. *Psychiatr Genet*. 2008 Oct;18(5):240-247, Lippincott Williams & Wilkins, doi: 10.1097/YPG.0b013e3283053045, Q2
22. Grigoriu-Serbanescu M, Herms S, Mühleisen TW, Georgi A, **Diaconu CC**, Strohmaier J, Czernski 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, 2009, doi: 10.1002/ajmg.b.30952. Q2
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, Mühleisen 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, doi: 10.1016/j.pnpbp.2010.03.008. Q2
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. *Hepato-Gastroenterology*, 57, 104:1453-64, 2010, PMID: 21443102 (senior author)
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, 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, doi: 10.1016/j.ajhg.2011.01.017. Q1.
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, PMID: 22180722; PMCID: PMC3237115.
28. Bumbacea, D; Lungu, R; Pele, I; Neagu, A; Alexiu, I; Economescu, Chivu M; Bumbacea, R S.; Diaconu, CC., New immunodiagnostic tests for latent and active tuberculosis, *REVISTA ROMANA DE MEDICINA DE LABORATOR* 19(3), 267-278, 2011 (senior author).
29. 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, Mühleisen 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, Kiemény LA, van den Berg LH, Franke B, Jönsö 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; DOI: 10.1016/J.BIOPSYCH.2012.02.040; Q1
30. Necula LG, Chivu-Economescu M, Stanculescu EL, Bleotu C, Dima SO, Alexiu I, Dumitru A, Constantinescu G, Popescu I, **Diaconu CC**. IL-6 and IL-11 as markers for tumor aggressiveness and prognosis in gastric adenocarcinoma patients without mutations in Gp130 subunits. *J Gastrointest Liver Dis.* 2012 Mar;21(1):23-9. PMID: 22457856. (corresponding and senior author) Q3
31. Pecquet C, **Diaconu CC**, Staerk J, Girardot M, Marty C, Royer Y, Defour JP, Dusa A, Besancenot R, Giraudier S, Villeval JL, Knoops L, Courtoy PJ, Vainchenker W, Constantinescu SN. Thrombopoietin receptor down-modulation by JAK2 V617F: restoration of receptor levels by inhibitors of pathologic JAK2 signaling and of proteasomes. *Blood.* 2012 May 17;119(20):4625-35. doi: 10.1182/blood-2011-08-372524. Q1
32. Choong ML, Pecquet C, Pendharkar V, **Diaconu CC**, Yong JW, Tai SJ, Wang SF, Defour JP, Sangthongpitag K, Villeval JL, Vainchenker W, Constantinescu SN, Lee MA. Combination treatment for myeloproliferative neoplasms using JAK and pan-class I PI3K inhibitors. *J Cell Mol Med.* 2013 Nov;17(11):1397-409. doi: 10.1111/jcmm.12156. Q1
33. Bleotu C, Pircalabioru G, Dragusel R, Aldea I-M, Botezatu A, Banu O, Mihaescu G, Cernescu E C, **Diaconu CC**, Modulation of Interaction Between Virus and Eukaryotic Host by Exposure to *S. aureus* Bacterial Soluble Fractions, *Current Organic Chemistry*, 17 (2) 137-143, 2013. (senior author) Q2.
34. Sester M, van Leth F, Bruchfeld J, Bumbacea D, Cirillo DM, Dilektasli AG, Dominguez 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 R, 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):1168-762014, 2014; DOI: 10.1164/RCCM.201405-0967OC. Q1
35. 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 (senior and corresponding author)
36. Ionescu D, Aldea IM, Bleotu C, Chivu Economescu M, 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) 329-340, 2014. (corresponding author)
37. 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, DOI: 10.1007/s00705-014-2199-8.
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