



## FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

DESCRIPTORI	PUNCTAJ
<b>1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact</b>	<b>(60 puncte x factor de impact + 25) / număr autori</b>
1. <b>Corina Ciobanasu</b> , Bruno Faivre and Christophe Le Clainche, <i>In vitro reconstitution of actomyosin-dependent mechanosensitive protein complexes</i> , <b>Nature Protocols</b> (accepted)	$(60 \text{ puncte} \times 7.960 + 25) / 3 = 167,53$
2. <b>Corina Ciobanasu</b> , Bruno Faivre and Christophe Le Clainche, <i>Actomyosin-dependent formation of the mechanosensitive talin–vinculin complex reinforces actin anchoring</i> , <b>Nature Communications</b> , 5: 3095, 2014, DOI: 10.1038/ncomms4095	$(60 \text{ puncte} \times 10.015 + 25) / 3 = 208,63$
3. <b>Corina Ciobanasu</b> , Bruno Faivre and Christophe Le Clainche, <i>Integrating actin dynamics, mechanotransduction and integrin activation: the multiple functions of actin binding proteins in focal adhesions</i> , <b>European Journal of Cell Biology</b> , 92(10-11), 2013, 339-348	$(60 \text{ puncte} \times 3.213 + 25) / 3 = 72,59$
4. Katharina M. Scherer, Imke Wiedemann, <b>Corina Ciobanasu</b> , Hans-Georg Sahl, and Ulrich Kubitscheck, <i>Aggregates of Nisin with Various Bactoprenol-containing Cell Wall Precursors Differ in Size and Membrane Permeation Capacity</i> , <b>BBA Biomembranes</b> , 1828(11), 2013, 2628–2636	$(60 \text{ puncte} \times 3.389 + 25) / 5 = 45,67$
5. <b>Corina Ciobanasu</b> , Jan Peter Siebrasse and Ulrich Kubitscheck, <i>Cell penetrating HIV1 TAT peptides can form pores in model membranes</i> , <b>Biophysical Journal</b> , 99 (1) 2010, 153-162	$(60 \text{ puncte} \times 3.668 + 25) / 3 = 81,69$
6. <b>Corina Ciobanasu</b> , Enno Harms, Gisela Tünnemann, M. Cristina Cardoso and Ulrich Kubitscheck, <i>Cell-penetrating HIV1 TAT peptides float on model lipid bilayers</i> , <b>Biochemistry</b> , 2009, 48 (22), 4728–4737	$(60 \text{ puncte} \times 3.377 + 25) / 5 = 45,52$
7. T. Malutan, <b>Corina Mocanu</b> , S. Ciovisa, <i>Synthesis and characterization of new cellulose derivatives in a dimethylacetamide/lithium chloride homogeneous system</i> , <b>Cellulose Chemistry and Technology</b> , 42(1/3), 2008, 1-7, ISSN: 0576-9787	$(60 \text{ puncte} \times 0,825 + 25) / 3 = 24,83$
	<b>1. Total: 646,46</b>

<p><b>2. Articole științifice publicate <i>in extenso</i> în reviste indexate fără factor de impact</b></p> <p><b>Corina Ciobanasu</b>, Bruno Faivre, and Christophe Le Clainche, <i>Actin Dynamics Associated with Focal Adhesions</i>, <b>International Journal of Cell Biology</b>, vol. 2012, Article ID 941292, 9 pages, 2012. doi:10.1155/2012/941292</p>	<p><b>20 puncte / număr autori</b></p> <p>20/ 3 = 6,66</p>
	<p><b>2. Total: 6,66</b></p>
<p><b>3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI</b></p> <p><b>Corina Mocanu</b>, S.Ciovica, A. Murariu, K. Pielichowski, "Cellulose Dissolution in Lithium Chloride/ N,NDimethylacetamide System under Microwave Irradiation", <i>Buletinul Institutului Politehnic Iași. Secția Chimie și Inginerie Chimică</i>, 2005, Issue LI-LV (3-4), 86-97</p>	<p><b>15 puncte/ număr autori</b></p> <p>15/ 4= 3,75</p>
	<p><b>3. Total: 3,75</b></p>
<p><b>4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor</b></p> <ol style="list-style-type: none"> <li>1. Katharina Scherer, Imke Wiedemann, <b>Corina Ciobanasu</b>, Hans-Georg Sahl, Ulrich Kubitscheck, (2012), „Fluorescence Microscopy Monitoring of Nisin Binding To Bactoprenol Bound Cell Wall Precursors”, <i>Biophys J</i>, <b>102</b>(3): 92a</li> <li>2. Malgorzata Hermanowska, Goran Bijelic, <b>Corina Ciobanasu</b>, Ulrich Kubitscheck, Per Claesson, Beate M. Klösger, „Charges in phospholipid layers” (2009), <i>Biophys J</i>, <b>96</b>(3): 18a</li> <li>3. <b>Corina Ciobanasu</b> and Ulrich Kubitscheck, (2009) „HIV1 TAT peptides translocate efficiently into giant unilamellar vesicles”, <i>Eur Biophys J</i>, <b>38</b> (Suppl 1):S199</li> </ol>	<p><b><u>Indexate ISI: 30 puncte / număr autori</u></b></p> <p>30/5 = 6</p> <p>30/6 = 5</p> <p>30/2 = 15</p> <p>Indexate in BDI: 15 puncte / număr autori</p> <p>Alte categorii: 5 puncte / număr autori</p> <p><b>4. Total: 26</b></p>
<p><b>5. Cărți științifice publicate (doar prima ediție)</b></p>	<p><b>edituri academice internationale: 100 puncte la 100 pagini/ numar autori</b></p> <p><b>alte edituri internationale: 70 puncte la 100 pagini/ numar autori</b></p> <p><b>edituri academice nationale: 50 puncte la 100 pagini/ numar autori</b></p> <p><b>alte edituri nationale: 20 puncte la 100 pagini/ numar autori</b></p>

	<b>5. Total: 0</b>
<b>6. Cărți științifice traduse și publicate în edituri din străinătate</b>	<b>6. Total: 0</b>
<b>7. Coordonarea și editarea de volume traduceri și antologii</b>	<b>edituri academice internaționale: 60 puncte/ numar autori</b>
	<b>alte edituri internaționale: 40 puncte/ numar autori</b>
	<b>edituri academice naționale: 20 puncte/ numar autori</b>
	<b>alte edituri naționale: 5 puncte/ numar autori</b>
	<b>7. Total: 0</b>
<b>8. Articole publicate în dicționare și enciclopedii</b>	<b>edituri academice internaționale: 30 puncte/ numar autori</b>
	<b>alte edituri internaționale: 20 puncte/ numar autori</b>
	<b>edituri academice naționale: 15 puncte/ numar autori</b>
	<b>alte edituri naționale: 5 puncte/ numar autori</b>
	<b>8. Total: 0</b>
<b>9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)</b>	contracte internaționale – director: 100 puncte pentru fiecare 100.000 euro
	<b><u>contracte internaționale – membru: 100 puncte pentru fiecare 100.000 euro / numărul membrilor echipei de cercetare</u></b>
	100 x (249955 / 100.000) /2 = 124,98
	100 x (2842101 / 100.000) /16 = 177,63
<ul style="list-style-type: none"> <li>➤ ANR research grant (National Agency for Research), ANR-09-JCJC-0111-01 ADERACTIN, EUR 249 955, perioada 2009-2013</li> <li>➤ „Bio-interfaces: From molecular understanding to application” (BIOCONTROL), Marie Curie Research Training Networks (MCRTN-033439), EUR 2 842 10, perioada 2006-2010</li> <li>➤ 5<sup>th</sup> Framework Programme “Improving the Human Research Potential and the Socio-Economic Knowledge Base”, HPMT-CT-2001-00379, EUR 240 000, perioada 2002-2006</li> </ul>	100 x (240000 / 100.000) /8 = 30
	contracte naționale – director: 50 puncte pentru fiecare 500.000 lei



<p>interaction with nesprin-2G mediates TAN line formation and nuclear movement." <u>Nat Cell Biol.</u>, IF 20.761</p> <p>2. Liu, F. J., L. J. Jin, et al. (2014) "Differentially expressed microRNAs and affected signaling pathways in placentae of transgenic cloned cattle." <u>Theriogenology</u> <b>82</b>(2): 338-346 e3, IF 2.082</p>	<p><math>(10 + 20 \times 2.082)/7 = 7,38</math></p>
<p>Katharina M. Scherer, Imke Wiedemann, <b>Corina Ciobanasu</b>, Hans-Georg Sahl, and Ulrich Kubitscheck, <i>Aggregates of Nisin with Various Bactoprenol-containing Cell Wall Precursors Differ in Size and Membrane Permeation Capacity</i>, <b>BBA Biomembranes</b>, 1828(11), 2013, 2628–2636, citat in:</p> <p>1. Munch, D., A. Muller, et al. (2014). "The Lantibiotic NAI-107 Binds to Bactoprenol-bound Cell Wall Precursors and Impairs Membrane Functions." <u>J Biol Chem</u> <b>289</b>(17): 12063-76. IF 4.651</p> <p>2. Revilla-Guarinos, A., S. Gebhard, et al. (2014). "Defence against antimicrobial peptides: different strategies in Firmicutes." <u>Environ Microbiol</u> <b>16</b>(5): 1225-37. IF 5.756</p> <p>3. Slootweg, J. C., S. van der Wal, et al. (2013). "Synthesis, antimicrobial activity, and membrane permeabilizing properties of C-terminally modified nisin conjugates accessed by CuAAC." <u>Bioconjug Chem</u> <b>24</b>(12): 2058-66. IF 4.580</p> <p>4. Tabor, A. B. (2014) "Recent advances in synthetic analogues of lantibiotics: What can we learn from these?" <u>Bioorg Chem</u>. IF 1.732</p> <p>5. JF Fisher, S Mobashery, (2014). "The sentinel role of peptidoglycan recycling in the <math>\beta</math>-lactam resistance of the Gram-negative <i>Enterobacteriaceae</i> and <i>Pseudomonas aeruginosa</i>", <u>Bioorg Chem.</u>, IF 1.732</p>	<p><math>(10 + 20 \times 4.651)/11 = 9,37</math></p> <p><math>(10 + 20 \times 5.756)/4 = 31,28</math></p> <p><math>(10 + 20 \times 4.580)/6 = 16,93</math></p> <p><math>(10 + 20 \times 1.732)/1 = 44,64</math></p> <p><math>(10 + 20 \times 1.732)/2 = 22,32</math></p>
<p><b>Corina Ciobanasu</b>, Bruno Faivre, and Christophe Le Clainche, <i>Actin Dynamics Associated with Focal Adhesions</i>, <b>International Journal of Cell Biology</b>, vol. 2012, Article ID 941292, 9 pages, 2012. doi:10.1155/2012/941292, citat in:</p> <p>1. Bae, D., S. H. Moon, et al. (2014). "Nanotopographical control for maintaining undifferentiated human embryonic stem cell colonies in feeder free conditions." <u>Biomaterials</u></p>	<p><math>(10 + 20 \times 7.604)/8 = 20,26</math></p>

<p><b>35(3): 916-28. IF 7.604</b></p> <ol style="list-style-type: none"> <li>2. Bukoreshtliev, N. V., K. Haase, et al. (2013). "Mechanical cues in cellular signalling and communication." <u>Cell Tissue Res</u> <b>352</b>(1): 77-94. IF 3.677</li> <li>3. Thomas, C. (2012). "Bundling actin filaments from membranes: some novel players." <u>Front Plant Sci</u> <b>3</b>: 188. IF 2.922</li> <li>4. Goetsch, K. P., C. Snyman, et al. "ROCK-2 Is Associated With Focal Adhesion Maturation During Myoblast Migration." <u>J Cell Biochem</u> <b>115</b>(7): 1299-307. IF 3.062</li> </ol>	<p><math>(10 + 20 \times 3.677)/3 = 27,85</math></p> <p><math>(10 + 20 \times 2.922)/1 = 68,44</math></p> <p><math>(10 + 20 \times 3.062)/4 = 17,81</math></p>
<p><b>Corina Ciobanasu, Jan Peter Siebrasse and Ulrich Kubitscheck, <i>Cell penetrating HIV1 TAT peptides can form pores in model membranes</i>, <b>Biophysical Journal</b>, 99 (1) 2010, 153-162, citat in:</b></p> <ol style="list-style-type: none"> <li>1. Bobone, S., A. Piazzon, et al. (2011). "The thin line between cell-penetrating and antimicrobial peptides: the case of Pep-1 and Pep-1-K." <u>J Pept Sci</u> <b>17</b>(5): 335-41. IF 2.071</li> <li>2. Bocchinfuso, G., S. Bobone, et al. (2011). "Fluorescence spectroscopy and molecular dynamics simulations in studies on the mechanism of membrane destabilization by antimicrobial peptides." <u>Cell Mol Life Sci</u> <b>68</b>(13): 2281-301. IF 5.615</li> <li>3. Boll, A., A. Jatho, et al. (2011). "Mechanistic insights into the translocation of full length HIV-1 Tat across lipid membranes." <u>Biochim Biophys Acta</u> <b>1808</b>(11): 2685-93 IF 3.389</li> <li>4. Cermenati, G., I. Terracciano, et al. (2011). "The CPP Tat enhances eGFP cell internalization and transepithelial transport by the larval midgut of <i>Bombyx mori</i> (Lepidoptera, Bombycidae)." <u>J Insect Physiol</u> <b>57</b>(12): 1689-97. IF 2.379</li> <li>5. Erazo-Oliveras, A., N. Muthukrishnan, et al. (2012). "Improving the Endosomal Escape of Cell-Penetrating Peptides and Their Cargos: Strategies and Challenges." <u>Pharmaceuticals (Basel)</u> <b>5</b>(11): 1177-1209. IF 1.206</li> <li>6. Guo, L., K. B. Smith-Dupont, et al. (2011). "Diffusion as a probe of peptide-induced membrane domain formation." <u>Biochemistry</u> <b>50</b>(12): 2291-7. IF 3.377</li> <li>7. Hu, Y., X. Liu, et al. (2014). "Translocation thermodynamics of linear and cyclic nonaarginine into model DPPC bilayer via coarse-grained molecular dynamics simulation: implications of</li> </ol>	<p><math>(10 + 20 \times 2.071)/8 = 6,43</math></p> <p><math>(10 + 20 \times 5.615)/5 = 24,46</math></p> <p><math>(10 + 20 \times 3.389)/5 = 13,56</math></p> <p><math>(10 + 20 \times 2.379)/7 = 8,23</math></p> <p><math>(10 + 20 \times 1.206)/5 = 6,82</math></p> <p><math>(10 + 20 \times 3.377)/2 = 38,77</math></p> <p><math>(10 + 20 \times 3.607)/4 = 20,54</math></p>

<p>pore formation and nonadditivity." <u>J Phys Chem B</u> <b>118</b>(10): 2670-82. IF 3.607</p> <p>8. Huang, K. and A. E. Garcia (2013). "Free energy of translocating an arginine-rich cell-penetrating peptide across a lipid bilayer suggests pore formation." <u>Biophys J</u> <b>104</b>(2): 412-20. IF 3.668</p> <p>9. Katayama, S., I. Nakase, et al. (2013). "Effects of pyrenebutyrate on the translocation of arginine-rich cell-penetrating peptides through artificial membranes: recruiting peptides to the membranes, dissipating liquid-ordered phases, and inducing curvature." <u>Biochim Biophys Acta</u> <b>1828</b>(9): 2134-42. IF 3.389</p> <p>10. Kusumi, A., T. K. Fujiwara, et al. (2012). "Dynamic organizing principles of the plasma membrane that regulate signal transduction: commemorating the fortieth anniversary of Singer and Nicolson's fluid-mosaic model." <u>Annu Rev Cell Dev Biol</u> <b>28</b>: 215-50. IF 17.983</p> <p>11. MacCallum, J. L., W. F. Bennett, et al. (2011). "Transfer of arginine into lipid bilayers is nonadditive." <u>Biophys J</u> <b>101</b>(1): 110-7. IF 3.668</p> <p>12. Marschall, A. L., A. Frenzel, et al. (2011). "Targeting antibodies to the cytoplasm." <u>MAbs</u> <b>3</b>(1): 3-16. IF 5.275</p> <p>13. Piantavigna, S., G. A. McCubbin, et al. (2011). "A mechanistic investigation of cell-penetrating Tat peptides with supported lipid membranes." <u>Biochim Biophys Acta</u> <b>1808</b>(7): 1811-7. IF 3.389</p> <p>14. Katharina Scherer, Imke Wiedemann, Corina Ciobanasu, Hans-Georg Sahl, Ulrich Kubitscheck, (2012), „Fluorescence Microscopy Monitoring of Nisin Binding To Bactoprenol Bound Cell Wall Precursors”, <u>Biophys J</u>, <b>102</b>(3): 92a IF 3.668</p> <p>15. Scherer, K., I. Wiedemann, et al. (2013). "Aggregates of nisin with various bactoprenol-containing cell wall precursors differ in size and membrane permeation capacity." <u>Biochim Biophys Acta</u> <b>1828</b>(11): 2628-36. IF 3.389</p> <p>16. Wei, L., X. Zhao, et al. (2013). "Frozen translational and rotational motion of human immunodeficiency virus transacting activator of transcription peptide-modified nanocargo on neutral lipid bilayer." <u>Anal Chem</u> <b>85</b>(10): 5169-75. IF 5.695</p>	<p><math>(10 + 20 \times 3.668)/2 = 41,68</math></p> <p><math>(10 + 20 \times 3.389)/7 = 11,11</math></p> <p><math>(10 + 20 \times 17.983)/8 = 46,21</math></p> <p><math>(10 + 20 \times 3.668)/3 = 27,79</math></p> <p><math>(10 + 20 \times 5.275)/5 = 23,1</math></p> <p><math>(10 + 20 \times 3.389)/6 = 12,96</math></p> <p><math>(10 + 20 \times 3.668)/5 = 16,67</math></p> <p><math>(10 + 20 \times 3.389)/5 = 15,56</math></p> <p><math>(10 + 20 \times 5.695)/6 = 20,65</math></p>
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**Corina Ciobanasu**, Enno Harms, Gisela Tünnemann, M. Cristina Cardoso and Ulrich Kubitscheck, *Cell-penetrating HIV1 TAT peptides float on model lipid bilayers*, **Biochemistry**, 2009, 48 (22), 4728–4737, citat in:

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|--|------------------------------------|
| 1. Boll, A., A. Jatho, et al. (2011). "Mechanistic insights into the translocation of full length HIV-1 Tat across lipid membranes." <u>Biochim Biophys Acta</u> <b>1808</b> (11): 2685-93. IF 3.389   | $(10 + 20 \times 3.389)/5 = 13,56$ |
| 2. Guo, L. and F. Gai (2010). "Heterogeneous diffusion of a membrane-bound pHLIP peptide." <u>Biophys J</u> <b>98</b> (12): 2914-22. IF 3.668  | $(10 + 20 \times 3.668)/2 = 41,68$ |
| 3. Guo, L., K. B. Smith-Dupont, et al. (2011). "Diffusion as a probe of peptide-induced membrane domain formation." <u>Biochemistry</u> <b>50</b> (12): 2291-7. IF 3.377   | $(10 + 20 \times 3.377)/3 = 25,85$ |
| 4. Kastantin, M., B. B. Langdon, et al. (2014). "A bottom-up approach to understanding protein layer formation at solid-liquid interfaces." <u>Adv Colloid Interface Sci.</u> IF 6.169   | $(10 + 20 \times 6.169)/3 = 44,46$ |
| 5. Kastantin, M. and D. K. Schwartz (2012). "Distinguishing positional uncertainty from true mobility in single-molecule trajectories that exhibit multiple diffusive modes." <u>Microsc Microanal</u> <b>18</b> (4): 793-7. IF 2.495  | $(10 + 20 \times 2.495)/2 = 29,95$ |
| 6. Kastantin, M., R. Walder, et al. (2012). "Identifying mechanisms of interfacial dynamics using single-molecule tracking." <u>Langmuir</u> <b>28</b> (34): 12443-56. IF 4.187  | $(10 + 20 \times 4.187)/3 = 31,25$ |
| 7. Katayama, S., I. Nakase, et al. (2013). "Effects of pyrenebutyrate on the translocation of arginine-rich cell-penetrating peptides through artificial membranes: recruiting peptides to the membranes, dissipating liquid-ordered phases, and inducing curvature." <u>Biochim Biophys Acta</u> <b>1828</b> (9): 2134-42. IF 3.389 | $(10 + 20 \times 3.389)/7 = 11,11$ |
| 8. Lee, Y. J., G. Johnson, et al. (2010). "Modeling of the endosomolytic activity of HA2-TAT peptides with red blood cells and ghosts." <u>Biochemistry</u> <b>49</b> (36): 7854-66. IF 3.377  | $(10 + 20 \times 3.377)/3 = 25,85$ |
| 9. Nygren, P., M. Lundqvist, et al. (2010). "Secondary structure in de novo designed peptides induced by electrostatic interaction with a lipid bilayer membrane." <u>Langmuir</u> <b>26</b> (9): 6437-48. IF 4.187  | $(10 + 20 \times 4.187)/5 = 18,75$ |
| 10. Ohara, K., M. Kohno, et al. (2013). "Entry of a cationic lytic-type peptide into the cytoplasm via endocytosis-dependent and -independent pathways in human glioma U251 cells." <u>Peptides</u> <b>50</b> : 28-35. IF 2.522  | $(10 + 20 \times 2.522)/4 = 15,11$ |



<p>11. Purkayastha, N., K. Eyer, et al. (2013). "Enantiomeric and diastereoisomeric (mixed) L/D-octaarginine derivatives - a simple way of modulating the properties of cell-penetrating peptides." <u>Chem Biodivers</u> <b>10</b>(7): 1165-84. IF 1.804</p> <p>12. Rudat, B., E. Birtalan, et al. (2010). "Novel pyridinium dyes that enable investigations of peptoids at the single-molecule level." <u>J Phys Chem B</u> <b>114</b>(42): 13473-80. IF 3.607</p> <p>13. Scherer, K., I. Wiedemann, et al. (2013). "Aggregates of nisin with various bactoprenol-containing cell wall precursors differ in size and membrane permeation capacity." <u>Biochim Biophys Acta</u> <b>1828</b>(11): 2628-36. IF 3.389</p> <p>14. Srinivasan, D., N. Muthukrishnan, et al. (2011). "Conjugation to the cell-penetrating peptide TAT potentiates the photodynamic effect of carboxytetramethylrhodamine." <u>PLoS One</u> <b>6</b>(3): e17732. IF 3.73</p> <p>15. Wei, L., X. Zhao, et al. (2013). "Frozen translational and rotational motion of human immunodeficiency virus transacting activator of transcription peptide-modified nanocargo on neutral lipid bilayer." <u>Anal Chem</u> <b>85</b>(10): 5169-75. IF 5.695</p>	<p><math>(10 + 20 \times 1.804)/8 = 5,76</math></p> <p><math>(10 + 20 \times 3.607)/10 = 8,21</math></p> <p><math>(10 + 20 \times 3.389)/5 = 15,56</math></p> <p><math>(10 + 20 \times 3.730)/7 = 12,09</math></p> <p><math>(10 + 20 \times 5.695)/6 = 20,65</math></p> <p>reviste de specialitate din tara: (5+ 10x factor de impact) / număr autori, pentru fiecare citare</p> <p>monografii academice din străinătate: 50 puncte/ număr autori, pentru fiecare citare</p> <p>monografii academice din tara: 25 puncte/ număr autori, pentru fiecare citare</p> <p><b>12. Total: 992,83</b></p>
<p><b>13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane)</b></p> <p>1. <b>Corina Ciobanasu</b> and Ulrich Kubitscheck, "Single Molecule Microscopy- an Attractive Tool for Characterization of Nanoenvironments", 4th International Seminar on Modern Polymeric Materials for Environmental Applications, 1–3 December 2010, Kraków, Poland</p>	<p><b><u>strainatate: 25 puncte pentru fiecare activitate</u></b></p> <p>25 x 2 = 50</p>

2. <b>Corina Mocanu</b> , S. Ciovisa, K. Pielichowski, Alina Murariu, J. Pielichowski, J. Polaczek, „Synthesis of Phosphorylated Cellulose for Biomaterials Applications”, 2nd International Seminar on Modern Polymeric Materials for Environmental Applications, 23–25.03.2006, Kraków, Poland	
	tara: 10 puncte pentru fiecare activitate
	<b>13. Total: 50</b>
<b>14. Profesor/cercetător invitat la universități /institute de cercetare</b>	<b>strainatate: 25 puncte pentru fiecare activitate</b>
	<b>tara: 10 puncte pentru fiecare activitate</b>
	<b>14. Total: 0</b>
<b>15. Editor/Membru în Editorial Board &amp; Advisory Board</b>	<b>reviste cotate <i>Web of Science</i>: editor, 30 puncte pentru fiecare revista, membru, 20 puncte pentru fiecare revista</b>
	<b>reviste internationale si alte reviste ale Universitatii: editor, 15 puncte pentru fiecare revista, membru, 10 puncte pentru fiecare revista</b>
	<b>15. Total: 0</b>
<b>16. Premii internaționale obținute printr-un proces de selecție</b>	<b>100 puncte/ categorie/ numar persoane</b>
	<b>16. Total: 0</b>
<b>17. Premii ale Academiei Române</b>	<b>50 puncte/ categorie/ numar persoane</b>
	<b>17. Total: 0</b>
<b>18. Alte premii naționale ale instituțiilor culturale</b>	<b>20 puncte/ categorie/ numar persoane</b>
	<b>18. Total: 0</b>
<b>19. Participări la manifestări științifice</b>  1. “Learning from Single Molecules” (29.06-01.07.2009), Bad Honnef, Germany 2. “High Speed Optical Sectioning Microscopy”, 22–23.09.2008, Bonn, , Germany	<b>internaționale: președinte comitet organizare/consiliu științific, 25 puncte pentru fiecare activitate; <u>membru comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate</u>; moderator de panel, 15 puncte pentru fiecare activitate; <u>raportor pe secțiuni/paneluri, 10 puncte pentru fiecare activitate</u></b>  15 x 2 = 30

<ol style="list-style-type: none"> <li>1. Christophe Le Clainche, <b>Corina Ciobanasu</b> and Bruno Faivre, "<i>In vitro</i> reconstitution of focal adhesion mechanosensitivity controlled by the self-assembly of actomyosin cables", Fibronectin, Integrins &amp; Related Molecules, Gordon Research Conferences, February 10-15, 2013, Ventura Beach Marriott, Ventura, CA, SUA (<b>prezentare orală</b>)</li> <li>2. <b>Corina Ciobanasu</b>, Bruno Faivre and Christophe Le Clainche, „Actin dynamics and mechanosensitivity associated with focal adhesions: a biomimetic approach” , LEBS Seminar, 04.12.2012, Gif-sur Yvette, France (<b>prezentare orală</b>)</li> <li>3. Christophe Le Clainche, <b>Corina Ciobanasu</b> and Bruno Faivre, “In vitro reconstitution of actomyosin contractility and mechanosensitivity associated with cell matrix adhesion”, International Meeting of the German Society for Cell Biology (DGZ) on Actin Dynamics, 12-15.09.2012, Regensburg, Germany (<b>prezentare orală</b>)</li> <li>4. <b>Corina Ciobanasu</b>, Bruno Faivre and Christophe Le Clainche, “<i>In vitro</i> reconstitution of auto-organized acto-myosin cables associated with mechano-sensitive focal adhesions”, Cell Adhesion Meeting, 24-25 May 2012, Bordeaux, France (<b>poster</b>)</li> <li>5. Christophe Le Clainche, <b>Corina Ciobanasu</b> and Bruno Faivre, “Actin dynamics and mechanosensitivity associated with focal adhesions”, Cell Adhesion Meeting, 24-25 May 2012, Bordeaux, France (<b>prezentare orală</b>)</li> <li>6. K. Scherer, C. Wallner, <b>C. Ciobanasu</b>, K. Lohner, I. Wiedemann, U. Kubitscheck, „Imaging bioactive peptides with model membranes”, Focus on microscopy, 17-20.04.2011, Konstanz, Germany (<b>poster</b>)</li> <li>7. <b>Corina Ciobanasu</b>, Membrane perforating bioactive peptides, New Trends in Biophotonics Seminar, 24.06.2010, Bonn, Germany (<b>prezentare orală</b>)</li> <li>8. <b>Corina Ciobanasu</b>, Katharina Scherer and Ulrich Kubitscheck, Peptide-membrane interactions analyzed by confocal and single molecule microscopy, 455<sup>th</sup> WE-Heraeus-Seminar, 11-14.04.2010, Bad Honnef, Germany (<b>poster și scurta prezentare orală</b>)</li> <li>9. <b>Corina Ciobanasu</b> and Ulrich Kubitscheck, HIV1 TAT peptides form pores in giant unilamellar vesicles, XII EPI- Iberian Peptide Meeting, 10-12.02.2010, Lisbon, Portugal (<b>prezentare orală</b>)</li> </ol>	<p>21 x 10 = 210</p>
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10. Katharina Scherer, **Corina Ciobanasu**, Karl Lohner and Ulrich Kubitscheck, Dynamics of single LL-37 peptides on model membranes, XII EPI- Iberian Peptide Meeting, 10-12.02.2010, Lisbon, Portugal (**prezentare orală**)
11. M. Hermanowska, G. Bijelic, **C. Ciobanasu**, U. Kubitscheck, P. Claesson, B. Klösgen, On the Effect of Surface Confined Charge Densities in Lipid Mono- and Bilayers, 22<sup>nd</sup> Conference of the European Colloid and Interface Society, 31.08-5.09.2008, Krakow, Poland (**poster**)
12. **Corina Ciobanasu**, TAT peptides playing games with membranes, **Interdisciplinary Seminar: New Trends in Biophotonics**, 23.07.2009, Bonn (**prezentare orală**)
13. **Corina Ciobanasu** and Ulrich Kubitscheck, Interaction of Single Bioactive TAT Peptides with Model Membranes, BIOCONTROL Annual Meeting, 1-2.07.2009, Bad Honnef, Germany (**prezentare orală**)
14. **Corina Ciobanasu** and Ulrich Kubitscheck, HIV1 TAT Peptide Translocation in Giant Unilamellar Vesicles, Conference Focus on microscopy, 05-08.04.2009, Krakow, Poland (**prezentare orală**)
15. **Corina Ciobanasu**, Enno Harms, and Ulrich Kubitscheck, Interaction of Single Bioactive TAT Peptides with Model Membranes, 14th International Workshop on „Single Molecule Spectroscopy and Ultrasensitive Analysis in Life Sciences“, Picoquant Meeting, September 17 - 19, 2008, Berlin (**prezentare orală**)
16. **Corina Ciobanasu** and Ulrich Kubitscheck, BIOCONTROL 2<sup>nd</sup> General Assembly, WP 3: Single bioactive peptides at artificial and biological membranes-Tat peptides, 9.06.2008, Aarhus, Denmark (**prezentare orală**)
17. **Corina Ciobanasu**, “Single bioactive Tat peptides at artificial membranes”, Interdisciplinary Seminar: New spectroscopic methods in Biophysical Chemistry, 14.02.2008, Bonn, Germany (**prezentare orală**)
18. **Corina Ciobanasu**, Single bioactive Tat peptides at artificial and biological membranes, BIOCONTROL ESR Meeting, 21<sup>st</sup> October 2007, Villigen, Switzerland (**prezentare orală**)
19. Alina Murariu, K. Pielichowski, S. Ciovea, C. Murariu, I. Pielichowski, Th. Malutan, **Corina Mocanu**, J. Pielichowski, J. Polaczek (2006), „Pressure and Water Absorption Effects in Drug Delivery Matrix Based on Cellulose-Poly(Aspartic Acid) Composite Material”, 2nd International

<p>Seminar on Modern Polymeric Materials for Environmental Applications, 23–25.03.2006, Kraków, Poland (<b>poster</b>)</p> <p>20. <b>Corina Mocanu</b>, K. Pielichowski, A. Murariu, S.Ciovica, J. Pielichowski, J. Polaczek (2004), “Cellulose Dissolution in LiCl/DMAc System- an Important Step in Cellulose Functionalization Towards Biodegradable Composites”, 1st International Seminar on Modern Polymeric Materials for Environmental Applications, 1–4.12.2004, Kraków, Poland (<b>poster</b>)</p> <p>21. A. Murariu, K. Pielichowski, <b>Corina Mocanu</b>, S.Ciovica, J. Pielichowski, J. Polaczek, (2004) “Implantable DrugDelivery System Based on Cellulose-Poly(Aspartic Acid) Composite Materials”, 1st International Seminar on Modern Polymeric Materials for Environmental Applications, 1–4.12.2004, Kraków, Poland (<b>prezentare orală</b>)</p> <p><b>Corina Mocanu</b>, S.Ciovica, A. Murariu, “Homogeneous Systems for Cellulose Functionalization- Present and Perspectives”, “Environmentally friendly technologies for the pulp and paper industry- 4-th International Symposium, September 5-7, 2006 Braila, Romania (<b>prezentare orală</b>)</p>	<p><b>naționale:</b> președinte comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; membru comitet organizare/consiliu științific, 5 puncte pentru fiecare activitate; moderator de panel, 5 puncte pentru fiecare activitate; <b><u>raportor pe secțiuni/paneluri, 2 puncte pentru fiecare activitate</u></b></p> <p>2 x 1 = 2</p>
	<p><b>19. Total: 242</b></p>
<p><b>TOTAL ACTIVITATE DE CERCETARE</b></p>	<p><b>2300, 31</b></p>