

# Lista lucrări

## Conf. Dr. Cenariu Mihai Cosmin

### Criteriul A1

#### 1.1. Cărți și capitole în cărți de specialitate

##### 1.1.1 Cărți/monografii/capitole ca autor

##### 1.1.1.2 Naționale

1. Groza Ioan, Morar Iancu, (coordonatori), Muntean Mircea, Papuc Ionel, Bogdan Liviu, Oana Liviu, Morar Roman, Simona Ciupe, Pasca Ioan, Pop Al. Raul, **Cenariu Mihai**, Peștean Cosmin – Andrologie Veterinara, Ed. Gryphon, Brașov, 2004, ISBN 973-604-012-7.  
Carte premiată cu Premiul Traian Săvulescu al Academiei Române pe anul 2004
2. Groza Ioan (coordonator), Bogdan Liviu, Cătană Raul, **Cenariu Mihai**, Simona Ciupe, Ciupercescu Dorel, Morar Iancu, Muntean Mircea, Pop Al. Raul, Brîndușa Stegeran – Ginecologie, Andrologie și Obstetrică Veterinară – Compendiu, Ed. Academiei Române, București, 2006, ISBN 978-973-27-1445-4.  
Carte premiată cu Premiul Paul Riegler al Academiei de Științe Agricole și Silvicultură din România pe anul 2006
3. Bogdan Liviu, Groza Ioan (coordonatori), Muntean Mircea, Morar Iancu, Simona Ciupe, Pop Al. Raul, **Cenariu Mihai** – Obstetrică Veterinară, Ed. AcademicPres, Cluj-Napoca, 2009, ISBN 973-744-164-5.  
Carte premiată cu Premiul Ion Adameșteanu al Academiei de Științe Agricole și Silvicultură din România pe anul 2009
4. **Cenariu Mihai** - Biotehnologia sexării embrionilor și fetoșilor bovini, Ed. AcademicPres, Cluj-Napoca, 2012, ISBN 978-973-744-269-7
5. Morar Iancu, Groza Ioan, Bogdan Liviu, Muntean Mircea, Ciupe Simona, Pop Raul, **Cenariu Mihai**, Cătană Raul, Peștean Cosmin, Ivan Camelia - Manual practic de însămânțări artificiale la cabaline, Editura AcademicPres Cluj-Napoca, 2017, ISBN 978-973-744-574-2.
6. Vasile Secașiu, Gheorge Puchianu (coordonatori) **Cenariu Mihai** (co-autor) - Patologia Vânatului, Editura Universității Transilvania din Brașov, 2019, ISBN 978-606-19-1132-5.
7. **Cenariu Mihai**, Pop Raul, Șonea Alexandru, Ciupe Simona, Ivan Camelia, Morar Iancu, Pall Eموke, Voloșeniuc Miah Sorin, Groza Ioan (coord). - Fiziologia și patologia perioadei puerperale la animalele domestice, Physiology and pathology of the post-partum period in domestic animals, Editura Academiei Române, 2020, ISBN 978-973-27-3158-1.

### 1.2 Material didactic

#### 1.2.1 Manuale didactice

1. **Cenariu Mihai**, Groza Ioan - Pathology of Reproduction I - manual didactic, Editura AcademicPres Cluj-Napoca, 2016, ISBN 978-973-744-520-9.
2. **Cenariu Mihai** - Reproductive disorders 2 - manual didactic, Editura Colorama Cluj-Napoca, 2020, ISBN 978-606-9056-50-9.
3. Pall Eموke, **Cenariu Mihai** - Biotehnici în reproducție - manual didactic, Editura Colorama Cluj-Napoca, 2020, ISBN 978-606-9056-53-0.

## 1.2.2. Îndrumătoare de laborator

1. Morar Iancu, **Cenariu Mihai** - Veterinary Obstetrics: Practical works, Editura AcademicPres Cluj-Napoca, 2014, ISBN 987-973-744-400-4.
2. Pop Alexandru Raul, **Cenariu Mihai**, Morar Iancu - Obstetrique veterinaire, Travaux Practiques, Editura AcademicPres Cluj-Napoca, 2016, ISBN 978-973-744-527-8.
3. Pop Alexandru Raul, **Cenariu Mihai**, Morar Iancu - Physiologie de la Reproduction, Travaux Practiques, Editura AcademicPres Cluj-Napoca, 2016, ISBN 978-973-744-525-1.
4. **Cenariu Mihai**, Pall Eموke - Biotehnici în reproducție - îndrumător de lucrări practice, Editura Colorama Cluj-Napoca, 2020, ISBN 978-606-9056-57-8.

## Criteriul A2

### 2.1. Articole în reviste cotate ISI

#### Articole ISI ca autor principal (prim-autor/corresponding/senior author)

1. **Cenariu M.**, Groza I., Pall E., Bogdan L., Morar I., Ciupe S., Pop R. (2011) - Sexing of Bovine Embryos Using Polymerase Chain Reaction (PCR) and Fluorescent In Situ Hybridization (FISH), Romanian Biotechnological Letters 16(2):6056-6061 (**Jurnal cotate ISI, factor de impact 0,219**).  
*A se echivala cu 3 articole BDI*  
<https://www.rombio.org/vol.16/iss.2/publications.html>
2. **Cenariu M**, Pall E, Cernea C, Groza I (2012) - Evaluation of bovine embryo biopsy techniques according to their ability to preserve embryo viability, Journal of Biomedicine and Biotechnology, Volume 2012 Article ID 541384, 5 pages (**Jurnal cotate ISI, factor de impact 2,880**).  
<https://www.hindawi.com/journals/bmri/2012/541384/>
3. Cenariu D, Fischer-Fodor E, Virag P, Tatomir C, **Cenariu M\***, Pall E, PinteA A, Mocan A, Simon I, Crisan G (2015) - In vitro Antitumour Activity of Tomato-Extracted Carotenoids on Human Colorectal Carcinoma. Not Bot Horti Agrobo 43(2):293-301. (**Jurnal cotate ISI, factor de impact 0.547**).  
\*corresponding author  
<https://www.notulaeobotanicae.ro/index.php/nbha/article/view/9982>
4. Pall E\*, **Cenariu M\***, Kasaj A, Florea A, Soanca A, Roman A, Georgiu C (2017) - New insights into the cellular makeup and progenitor potential of palatal connective tissues. Microscopy Research and Technology 80:1270–1282 (**Jurnal cotate ISI, factor de impact 1.147**).  
\*Pall E and Cenariu M have equally contributed to the present study and can be regarded, therefore, as being main authors.  
<https://onlinelibrary.wiley.com/doi/abs/10.1002/jemt.22925>
5. Saraz I., Groza I., **Cenariu M.** (2017) - Evaluation of antibiotic residue incidence in dairy milk and correlation with various milk quality parameters. Revista Romana de Medicina Veterinara 27(4): 43-47. (**Jurnal cotate ISI, fără factor de impact**).  
<https://agmv.ro/vol-27-nr-4-2017/>

#### Co-autor la articole ISI

1. Skopal-Chase J.L., Pixley J.S., Torabi A., **Cenariu M.C.**, Bhat A., Thain D.S., Frederick N.M., Groza D.M., Zanjani E.D. (2009) - Immune ontogeny and engraftment receptivity in the sheep fetus, Fetal Diagnosis and Therapy 25:102-110 (**Jurnal cotate ISI, factor de impact 1,902**).  
<https://www.karger.com/Article/Abstract/203399>

2. Bogdan L., Groza I., Andrei S., Pinteana A., Ciupe S., **Cenariu M.**, Bogdan I., Pașca I., Bogdan S., Petrean A., Macri A. (2009) – Therapeutic and immunomodulatory effect of two complex homeopathic products used against chronic endometritis in Simmental cows, *Journal of Food, Agriculture and Environment* 7(2):243-246. (**Jurnal cotat ISI, factor de impact 0,282**).  
<https://www.wflpublisher.com/Abstract/1625>
3. Bogdan L., Groza I., Morar I., Ciupe S., **Cenariu M.**, Bogdan I., Bogdan S., Petrean A., David A. (2009) – Therapeutic and immunomodulatory effects of two natural products on the puerperal endometritis of dairy cows, *Journal of Food, Agriculture and Environment* 7(2):189-192. (**Jurnal cotat ISI, factor de impact 0,282**).  
<https://www.wflpublisher.com/Abstract/1604>
4. Pașca I., Mărghitaș L. Al., Groza I., Pusta D., Morar R., Oroian T., Cîmpean A., Bogdan L., Morar I., Dezmiorean D., **Cenariu M.**, Bogdan I., Bogdan S., Oroian R. (2009) – The importance of probiotics administration to suckling pigs, *Journal of Food, Agriculture and Environment* 7(3&4):485-491. (**Jurnal cotat ISI, factor de impact 0,282**).  
<https://www.wflpublisher.com/Abstract/2641>
5. Goodrich A.D., Ersek A., Varain N.M., Groza D., **Cenariu M.**, Thain D.S., Almeida-Porada G., Porada C.D., Zanjani E.D. (2010) - In vivo generation of beta-cell-like cells from CD34(+) cells differentiated from human embryonic stem cells - *Experimental Hematology* 38:516–525 (**Jurnal cotat ISI, factor de impact 2,907**).  
<https://www.sciencedirect.com/science/article/pii/S0301472X10000792?via%3Dihub>
6. Pall E., Lichner Z., Gocza E., Groza I., **Cenariu M.**, Soritau O., Tomuleasa C. (2011) - In vitro differentiation of mouse embryonic stem cells into cardiac cells, *Romanian Biotechnological Letters* 16 (3):6170-6180 (**Jurnal cotat ISI, factor de impact 0,219**).  
<https://www.rombio.org/vol.16/iss.3/publications.html>
7. Pall E., Groza I., **Cenariu M.**, Soritau O., Gocza E., Tomuleasa C. (2011) - Establishment of an embryonic stem cell line from blastocyst stage mouse embryos, *Romanian Journal of Morphology and Embryology* 52(3 Suppl):1005–1010 (**Jurnal cotat ISI, factor de impact 0,381**).  
<https://rjme.ro/archive/52/3Suppl/>
8. Groza I., **Cenariu M.**, Groza D, Pall E, Peștean C (2009) - Flow Cytometrical Identification and Characterization of Human Cord Blood Derived Hematopoietic Stem Cells Engrafted in Sheep Bone Marrow Following In Utero Transplantation. *Romanian Biotechnological Letters* 14(6):4798-4803 (**Jurnal cotat ISI, factor de impact 0,152**).  
<https://www.rombio.org/vol.14/iss.6/publications.html>
9. Pall E., **Cenariu M.**, Groza I.S. (2012) - The role of BMP-2 in mouse embryonic stem cells differentiation, *Revista Romana de Medicina de Laborator* 20(1-4): 39-44. (**Jurnal cotat ISI, factor de impact 0.113**).  
<http://rrml.ro/articole/articol.php?year=2012&vol=1&poz=5>
10. Bucak MN, Keskin N, Tasspınar M, Çoyan K, Basspınar N, **Cenariu MC**, Bilgili A, Öztürk C, Kursunlu AN (2013) - Raffinose and hypotaurine improve the post-thawed Merino ram sperm parameters, *Cryobiology* 67: 34-39. (**Jurnal cotat ISI, factor de impact 2.1**).  
<https://www.sciencedirect.com/science/article/pii/S0011224013001508?via%3Dihub>
11. Ceballos-Torres J, Virag P, **Cenariu M**, Prashar S, Fajardo M, Fischer-Fodor E, Gómez-Ruiz S. (2014). Anti-cancer Applications of Titanocene-Functionalised Nanostructured Systems: An Insight into Cell Death Mechanisms. *Chemistry A European Journal* 20(34):10811-10828. (**Jurnal cotat ISI, factor de impact 5.831**).  
<https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/chem.201400300>
12. Aldea MD, Petrushev B, Soritau O, Tomuleasa CI, Berindan-Neagoe I, Filip AG, Chereches G, **Cenariu M**, Craciun L, Tatomir C, Florian IS, Crivii CB, Kacso G (2014) - Metformin plus sorafenib highly impacts temozolomide-resistant glioblastoma stem-like cells, *Journal of BUON* 19(2):502-511 (**Jurnal cotat ISI, factor de impact 0.761**).  
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13. Olteanu D, Baldea I, Clichici S, Bolfa P, **Cenariu M**, Schrepler-Perde M, Alupeii M, Muresan A, Filip A (2014) - In vitro studies on the mechanisms involved in chemoprevention using *Calluna vulgaris* on vascular endothelial cells exposed to UVB, *Journal of Photochemistry and Photobiology B: Biology* 136:54–61. (**Jurnal cotat ISI, factor de impact 3.110**).  
<https://www.sciencedirect.com/science/article/pii/S1011134414001262?via%3Dihub>
14. Baldea I, Olteanu DE, Bolfa P, Ion RM, Decea N, **Cenariu M**, Banciu M, Sesarman AV, Filip AG (2015). Efficiency of photodynamic therapy on WM35 melanoma with synthetic porphyrins: Role of chemical structure, intracellular targeting and antioxidant defense. *Journal of Photochemistry and Photobiology B: Biology* 151:142–152. (**Jurnal cotat ISI, factor de impact 2.960**).  
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15. Tomoaia G, Horovitz O, Mocanu A, Nita A, Avram A, Racz CP, Soritau O, **Cenariu M**, Tomoaia-Cotisel M (2015). Effects of doxorubicin mediated by gold nanoparticles and resveratrol in two human cervical tumor cell lines. *Colloids and Surfaces B: Biointerfaces* 135:726–734 (**Jurnal cotat ISI, factor de impact 4.152**).  
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<https://www.cambridge.org/core/journals/microscopy-and-microanalysis/article/abs/comparative-assessment-of-oral-mesenchymal-stem-cells-isolated-from-healthy-and-diseased-tissues/265255302D35852C55EEF908FA961ECD>
17. Baldea I, Olteanu DE, Filip AG, **Cenariu M**, Ducea D, Tofan A, Alb C, Moldovan M (2017) - Toxicity and efficiency study of plant extracts-based bleaching agents. *Clinical Oral Investigations* 21(4):1315-1326 (**Jurnal cotat ISI, factor de impact 2.308**).  
<https://link.springer.com/article/10.1007/s00784-016-1882-4>
18. Fischer-Fodor E, Miklas R, Risianova L, **Cenariu M**, Grosu IG, Virag P, Perde-Schrepler, M, Tomuleasa, C, Berindan-Neagoe I, Devinsky F, Miklasova N. (2017) - Novel Palladium(II) Complexes that Influence Prominin-1/CD133 Expression and Stem Cell Factor Release in Tumor Cells. *Molecules* 22(4), Article Number: 561 (**Jurnal cotat ISI, factor de impact 2.861**).  
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19. Tudor D, Nenu I, Filip GA, Olteanu D, **Cenariu M**, Tabaran F, Ion RM, Gligor L, Baldea I. (2017) - Combined regimen of photodynamic therapy mediated by Gallium phthalocyanine chloride and Metformin enhances anti-melanoma efficacy. *PLOS ONE* 12(3) Article Number: e0173241 (**Jurnal cotat ISI, factor de impact 2.806**).  
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0173241>
20. Ilcus C, Bagacean C, Tempescul A, Popescu C, Parvu A, **Cenariu M**, Bocsan C, Zdrenghea M. (2017) - Immune checkpoint blockade: the role of PD-1-PD-L axis in lymphoid malignancies. *Oncotargets and Therapy* 10:2349-2363 (**Jurnal cotat ISI, factor de impact 2.612**).  
<https://www.dovepress.com/immune-checkpoint-blockade-the-role-of-pd-1-pd-l-axis-in-lymphoid-mali-peer-reviewed-article-OTT>
21. Sevastre B, Sarpataki O, Stan RL, Taulescu M, Sevastre-Berghian AC, Olah NK, Furtuna F, Hanganu D, Hanganu AC, **Cenariu M**, Baldea I. (2017) - Anticancer activity of *Euonymus europaeus* fruits extract on human melanoma cells. *Farmacia* 65(1): 56-62 (**Jurnal cotat ISI, factor de impact 1.348**).  
<http://www.revistafarmacia.ro/issue12017.html>
22. Saraz I, **Cenariu M**, Ciupe S, Pop R, Groza I. (2017). Correlations between somatic cell count and milk quality in two dairy farms from north-western Romania. *Agrolife Scientific Journal* 6(1): 234-236 (**Jurnal cotat ISI, fără factor de impact**).  
<http://agrolifejournal.usamv.ro/index.php/scientific-papers/324-correlations-between-somatic-cell-count-and-milk-quality-in-two-dairy-farms-from-north-western-romania-324>

23. Pallag A., Filip G.A., Olteanu D., Clichici S., Baldea I., Jurca T., Micle O., Vicas L., Marian E., Soritau O., **Cenariu M.**, Muresan M. (2018) - Equisetum arvense L. extract induces antibacterial activity and modulates oxidative stress, inflammation, and apoptosis in endothelial vascular cells exposed to hyperosmotic stress. *Oxidative Medicine and Cellular Longevity* 2018, Article Number: 3060525 (**Jurnal cotat ISI, factor de impact 4.936**).  
<https://www.hindawi.com/journals/omcl/2018/3060525/>
24. Șoancă A., Lupșe M., Moldovan M., Pall E., **Cenariu M.**, Roman A., Tudoran O., Surlin P., Sorișău O. (2018) - Applications of inflammation-derived gingival stem cells for testing the biocompatibility of dental restorative biomaterials. *Annals of Anatomy-Anatomischer Anzeiger* 218: 28-39. (**Jurnal cotat ISI, factor de impact 1.852**).  
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<https://www.sciencedirect.com/science/article/pii/S1387700318305574>
26. Hangan AC, Borodi G, Stan RL, Pall E, **Cenariu M**, Oprean LS, Sevastre B. (2018) - Synthesis, crystal structure, DNA cleavage and antitumor activity of two copper(II) complexes with N-sulfonamide ligand. *Inorganica Chimica Acta* 482: 884-893. (Jurnal cotat ISI, factor de impact 2.264).  
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27. Saraz I, Groza I, **Cenariu M**, Ciupe S, Pop R. (2018) - Study regarding seasonal incidence of fluoroquinolons in cow raw milk and their relationship with somatic cells count. *Revista Romana De Medicina Veterinara* 28(1): 37-40. (**Jurnal cotat ISI, fără factor de impact**).  
<https://agmv.ro/vol-28-nr-1-2018/>
28. Bota M, Fischer-Fodor E, Bochiș OV, **Cenariu M**, Popa G, Blag CL, Tataru A (2019). Combined effect of propranolol, vincristine and bevacizumab on HUVECs and BJ cells. *Experimental and Therapeutic Medicine* 17 (1): 307-315. (**Jurnal cotat ISI, factor de impact 1.41**).  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6307438/>
29. Filip GA, Moldovan B, Baldea I, Olteanu D, Suharoschi R, Decea N, Cismaru CM, Gal E, **Cenariu M**, Clichici S, David L. (2019). UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. *Journal of Photochemistry and Photobiology B: Biology* 191:26-37. (**Jurnal cotat ISI, factor de impact 3.165**).  
<https://www.sciencedirect.com/science/article/pii/S1011134418311436?via%3Dihub>
30. Borzan MM, Cimpean A, Pusta D, Bogdan L, Tabaran A, Pall E, Mate A, **Cenariu M**, Pasca I. (2019). Body Weight Evolution of Tsigai and Tsigai and Berrichon du Cher Crossbred Lambs. *REVISTA DE CHIMIE* 70 (8): 2777-2779. (**Jurnal cotat ISI, factor de impact 1.605**).  
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<https://www.hindawi.com/journals/omcl/2019/6439021/>
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34. Baldea I, Olteanu D, Filip GA, Pogacean F, Coros M, Suciuc M, Tripon SC, **Cenariu M**, Magerusan L, Stefan-van Staden RI, Pruneanu S. (2020). Cytotoxicity mechanisms of nitrogen-doped graphene obtained by electrochemical exfoliation of graphite rods, on human endothelial and colon cancer cells. *Carbon* 158: 267:281. (**Jurnal cotat ISI, factor de impact 8.821**).  
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35. Perde-Schrepler M, Fischer-Fodor E, Virag P, Brie I, **Cenariu M**, Pop C, Valcan A, Gurzau E, Maniu A. (2020) The expression of copper transporters associated with the ototoxicity induced by platinum-based chemotherapeutic agents. *Hearing Research* 388, Article Number: 107893. (**Jurnal cotat ISI, factor de impact 3.693**).  
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<https://www.mdpi.com/1420-3049/26/2/333>

## 2.2. Articole ISI Proceedings

1. Morar I., Groza I., **Cenariu M**. (2003) – Researches regarding the collection and preservation of stallion semen, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 60, p. 233-236.
2. Ognean L., Groza I., Parv M., **Cenariu M**., Ilie I. (2003) – The variation of electric conductivity of milk in healthy and from mastitis suffering cows, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 60, p. 118-124.
3. Ognean L., Groza I., Statov C., **Cenariu M**., Dojana N. (2003) – Particularities regarding the cytological testing of buffalo milk, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 60, p.112-117.
4. Ognean L., Groza I., Bele C., Pârv M., **Cenariu M**., Todoran C (2004) – The evaluation of mammary health in cows by testing some physical and cytological parameters of milk, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 61, p.98-103.
5. Groza I., Trenisan T., **Cenariu M**., Ciupe Simona, Mardiros Brinduşa (2004) – The cryopreservation of bovine embryos, methods and viability tests, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 61, p.189-194.
6. Ciupe S, Groza I., Bogdan L., Trenisan T., **Cenariu M**, Brinduşa Mardiros (2004) - Research on poliovation, recovery, asses and medium term in vitro cultivation of mouse embryos, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 61, p.169-175.
7. Ciupe S, Groza I, Bogdan LM, Morar I, Pop R, **Cenariu M**, Pestean C, Stegeran B, (2005), Researches regarding the variants for the inovulation of bovine embryos, *Bulletin of the University of Agricultural Science and Veterinary Medicine, Veterinary Medicine* 62, p.363-368.
8. Groza I., Bogdan L., Ciupe S, Morar I., Pop R., Pestean C., **Cenariu M**., Stegeran B (2005) - Researches regarding the cryopreservation of embryos obtained from beef cattle, *Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine* 62, p.427-432.

9. Groza I., Pamfil D., **Cenariu M.**, Chereji R. (2005) – Genetic markers in dairy cattle milk production, Bulletin of the University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Veterinary Medicine 62, p. 422-426.
10. Pixley J.S., Skopal-Chase J.L., Torabi A., **Cenariu M.C.**, Bhat A., Thain D.S., Frederick N.M., Groza D.M., Zanjani E.D. (2008) - Immune ontogeny and engraftment receptivity in the sheep fetus, Blood 112 (11):1197-1198 (**Meeting Abstract, ISI Proceedings, factor de impact 9,51**).  
<https://ashpublications.org/blood/article/112/11/3493/61229/Immune-Ontogeny-and-Engraftment-Receptivity-in-the>
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