

Education and training

2013- HABILITATION THESIS DISSERTATION
 2010- PRESENT- SPECIALIST IN ANATOMIC PATHOLOGY
 2004-2009- RESIDENCY IN ANATOMIC PATHOLOGY, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, DEPARTMENT OF HISTOLOGY AND CYTOLOGY, TIMISOARA, ROMANIA
 2002-present: WORK IN IMMUNOHISTOCHEMISTRY LAB OF HISTOLOGY AND CYTOLOGY DEPARTMENT, DEVELOPER OF SPECIAL SKILLS FOR AUTOMATED AND MANUAL IMMUNOHISTOCHEMICAL PROCEDURES, ANTIBODIES STANDARDIZATION.
 2008- PhD with SUMMA CUM LAUDE distinction based on DIPLOMA no. 50 from 21.04.2008 , VICTOR BABES UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA ROMANIA and RESEARCH AND EDUCATION MINISTRY PAPER no. 3439/12.03.2008.
 2007-PhD THESIS DISSERTATION WITH DOCTORAL WORK ENTITLED „CHARACTERIZATION OF THE MALIGNANT TUMORS ANGIOGENIC PHENOTYPE AND IT CLINICAL AND EXPERIMENTAL MODULATION
 2007-TRAINING IN EXPERIMENTAL METHODS-MEDICAL UNIVERSITY OF BARI, ITALY, PROFESSOR DOMENICO RIBATTI
 2002-2007- PhD STUDENT IN HISTOLOGY AND TUMOR ANGIOGENESIS, MEDICINE
 1998-2002- RESIDENCY IN GENERAL PRACTICE MEDICINE

Principal subjects/occupational skills covered

HISTOLOGY, PATHOLOGY, ELECTRON MICROSCOPY, GENERAL PRACTICE, IMMUNOHISTOCHEMISTRY, MOLECULAR DIAGNOSTIC METHODS, EXPERIMENTAL MODELS FOR TUMOR ANGIOGENESIS, MEDICAL EDUCATION FOR UNDERGRADUATE AND POSTGRADUATE STUDENTS, PhD SUPERVISOR, MEDICAL WRITING, MEDICAL STUDENT SUPERVISOR, TISSUE MICROARRAY TECHNIQUES, RNAScope and BASEscope METHODS,

Other language(s)

ENGLISH, FRENCH, GERMAN

Technical skills and competence

RESIDENCY IN PATHOLOGY, ELECTRON MICROSCOPY, MOLECULAR BIOLOGY, IMMUNOHISTOCHEMICAL AND OTHER LABORATORY TECHNIQUES., EXPERIMENTAL METHODS. Results of these practical skills were recognized at the international scientific level by several citation of her papers in Wikipedia (en.wikipedia.org/wiki/Keratin_34, en.wikipedia.org/wiki/Chorioallantoic_membrane, de.wikipedia.org/wiki/Thymus-Epithelzelle) and in the antibodies datasheets of numerous manufacturers from Europe, Asia and USA,http://www.epitomics.com/products/product_info/413,http://www.cellmarque.com/pdf_files/direct/1992.pdf,http://www.sinobiological.com/ VEGF-Protein-ab-229.html, http://www.abcam.com/Podoplanin-gp36-antibody-18H5-ab10288.html).

Electronic addresses and IDs for research profile evaluation

RESEARCHGATE account: https://www.researchgate.net/profile/Cimpean_Anca_Maria
 researcherid.com profile: C-4094-2011, <http://www.researcherid.com/rid/C-4094-2011> ,
 ORCID ID: orcid.org/0000-0002-9530-022X, Scopus Author ID: 8627855900,
 LINKEDIN profile: https://www.linkedin.com/in/anca-maria-cimpean-3b853152?trk=nav_responsive_tab_profile_pic
 GOOGLE SCHOLAR: https://scholar.google.com/citations?hl=en&user=34bYy9wAAAAJ&view_op=list_works&sortBy=pubdate
 ACADEMIA.EDU: <https://independent.academia.edu/AncaCimpean>

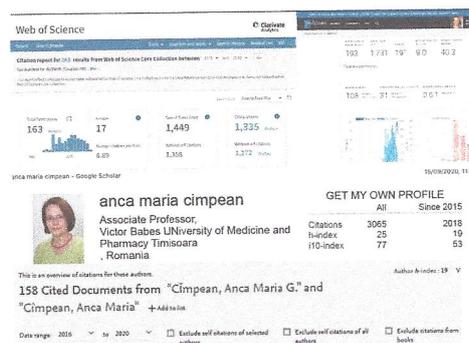
Fellowship, awards and diplomas

FELLOWSHIP IN PATHOLOGY, SALZBURG CLEVELAND PATHOLOGY SEMINAR, May 2015
 FELLOWSHIP IN PATHOLOGY, SALZBURG CLEVELAND PATHOLOGY SEMINAR, September 2016
 AWARD FOR ACADEMIC EXCELLENCE, SALZBURG CLEVELAND PATHOLOGY SEMINAR, AUSTRIA, September 2016
 AWARD FOR EXCELLENT CASE PRESENTATION, SALZBURG CLEVELAND PATHOLOGY SEMINAR, September 2016
 AWARD FOR SCIENTIFIC RECOGNITION FOR ACADEMIC YEAR 2015, GIVEN BY RESEARCH DEPARTMENT OF "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA ROMANIA

Computer skills and competences

Advanced level of computer use: WORD, POWERPOINT, EXCELL, STATISTICAL ANALYSIS, BITMAP, JAMOVI, SPSS, J IMAGE,
 Member of UEFISCDI evaluators GROUP as national evaluator for research projects: www.brainmap.ro
 International evaluator of medical research projects for the following agencies: FECYT (ISRAEL), DLR and ERANet-LAC (BARCELONA, SPAIN, BRUXELLES, BELGIUM), Based on evaluator certificate from 28.09.2016.

H-index and Scores according with Web of Science, Scopus, Publons and Google Scholar



Most relevant citations of the articles and scientific work of Anca Maria Cimpean in international publications

CITATIONS in INTERNATIONAL BOOKS

1. **Metastasis of Breast Cancer - Pag 256.** Robert E. Mansel, Oystein Fodstad, Wen G. Jiang – 2009, SPRINGER,
2. **Tumor Microenvironment - Pag 417,** Dietmar W. Siemann – 2010, Wiley Blackwell
3. **Urologic surgical pathology - Pag 378.** David G. Bostwick, Liang Cheng – 2008, MOSBY, Elsevier
4. **Pre-Invasive Disease: Pathogenesis and Clinical Management – Pag. 312,** Rebecca C. Fitzgerald – 2010, SPRINGER
5. **Recent Developments In Computing And Its Applications,** Pag 491, **M. Afshar Alam,** Tamanna Siddiqui, K.R. Seeja – 2009, International Publishing House
6. **Recent Advances in Angiogenesis and Antiangiogenesis,** Pag 52, edited by Domenico Ribatti, 2009, Bentham Science Publisher
7. **Receptor Protein-Tyrosine Kinases: Advances in Research and ... - Page 183,** Q Asthon Acton, Scholarly Editions, 2012
8. **Cancer Stem Cells in Solid Tumors, pag. 457,** edited by Alison L. Allan, 2011
9. **Kallikrein-related peptidases: Characterization, regulation, and ...**edited by Viktor Magdolen, Christian P. Sommerhoff, Hans Fritz, Manfred Schmitt,
10. **Paraneoplastic Syndromes, pag 268** By Robert B. Darnell, Jerome B. Posner, Oxford, University Press, 2011
11. **Tumor Angiogenesis Regulators pag. 200,**edited by Ruben R. Gonzalez-perez, Bo R. Rueda, 2013
12. **Pathology of the Mediastinum - Page 100,** edited by Alberto M. Marchevsky, Mark R. Wick, Cambridge University Press, 2014
13. **Diagnostic Immunohistochemistry, page 129,** By David J Dabbs, Elsevier, Saunders, 2013
14. **Rosai and Ackerman's Surgical Pathology 10e,** by Juan Rosai, 2011
15. **Essentials of Electrodiagnostic Medicine,** By William W. Campbell, Demos Medical Publishing, 2013
16. **Angiogenesis in Adipose Tissue - Page 126,** By Yihai Cao, Springer, 2013

SCIENTIFIC WORK CITED ON INTERNATIONAL RECOGNIZED WEBSITES AND/OR IN PROTOCOLS OF ANTIBODIES MANUFACTURERS

3.1. Keratin 34 - Wikipedia, the free encyclopedia: Raica M, Zylis D, **Cimpean AM** (2007). "Cytokeratin 20, 34betaE12 and overexpression of HER-2/neu in urine cytology as predictors of recurrences in ...
en.wikipedia.org/wiki/Keratin_34

3.2. Chorioallantoic membrane - Wikipedia, the free encyclopedia
Cimpean AM, Ribatti D, Raica M (2008). "The chick embryo chorioallantoic membrane as a model to study tumor metastasis". *Angiogenesis* 11 (4): 311–9. ...en.wikipedia.org/wiki/Chorioallantoic_membrane

3.3. Thymus-Epithelzelle – Wikipedia. Raica M, Encică S, Motoc A, **Cimpean AM,** Scridon T, Bârsan M.: Structural heterogeneity and immunohistochemical profile of Hassall corpuscles in normal human ...
de.wikipedia.org/wiki/Thymus-Epithelzelle

Research articles cited in protocols of various antibodies manufacturers:

4.1. EPITOMICS (USA) VEGFR-1 (N-term) antibody  RabMab®
Cimpean AM, Raica M, Encicab S, et al. Immunohistochemical expression of vascular endothelial growth factor A (VEGF), and its receptors (VEGFR1, 2) in normal and pathologic conditions of the human thymus. *Ann Anat* 190 (2008) 238-245 [Application: IHC]. http://www.epitomics.com/products/product_info/413

4.2. CELL MARQUE CORPORATION-USA, CD105 (Endoglin) (MRQ-14)
Cimpean AM, Raica M, Suci C. CD105/smooth muscle actin double immunostaining discriminate between immature and mature tumor blood vessels. *Rom J Morphol Embryol.* 2007;48(1):41-5. http://www.cellmarque.com/pdf_files/direct/1992.pdf

4.3. SINO BIOLOGICALS (China) VEGF Protein (VEGF A Protein)
Cimpean AM, et al. (2008) Vascular endothelial growth factor A (VEGF A) as individual prognostic factor in invasive breast carcinoma. *Rom J Morphol Embryol.* 49(3): 303-8. <http://www.sinobiological.com/VEGF-Protein-a-229.html>

4.4. ABCAM (United Kingdom) Podoplanin / gp36 antibody [18H5] <http://www.abcam.com/Podoplanin-gp36-antibody-18H5-ab10288.html>

Address of the researcherid.com profile: C-4094-2011, <http://www.researcherid.com/rid/C-4094-2011>

MEMBER OF :

1. ANGIOGENESIS RESEARCH CENTER TIMIȘOARA, www.angiotm.com
2. ROMANIAN SOCIETY OF NORMAL AND PATHOLOGY MORPHOLOGY
3. EUROPEAN SOCIETY OF MEDICAL ONCOLOGY
4. ROMANIAN ASSOCIATION OF SCIENTIFIC EDITORS
5. EUROPEAN ASSOCIATION OF SCIENTIFIC EDITORS

EDITORIAL BOARD MEMBER OF THE FOLLOWING JOURNALS:

1. WORLD JOURNAL OF RESPIROLOGY
2. RESEARCH AND CLINICAL MEDICINE.
3. JOURNAL OF PHARMACOLOGICAL RESEARCH
4. AMERICAN JOURNAL OF HUMAN PATHOLOGY.
5. AMERICAN JOURNAL OF EXPERIMENTAL BIOLOGY
6. JOURNAL OF DISEASE MARKERS
7. ADVANCES IN ANATOMY
8. APERITO JOURNAL OF CELLULAR AND MOLECULAR BIOLOGY
9. AUSTIN BIOMARKERS AND DIAGNOSIS
10. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

RESEARCH GRANTS INVOLVEMENT AS DIRECTOR OR PARTICIPANT

- P1. Cîmpean Anca Maria- participant, expert categoria B preclinical field.** Quality and european professional competence in medical education and educational activities management. Project leader: Marius Raica, No. 63815, AMPOSDRU: E9781/20.12.2010., Amount 2.000.000 Euro, 2010-2013.
- P2. Cîmpean Anca Maria – project manager.** Molecular assesment of breast cancer and identification of new therapeutic targets. PN II IDEI, 1147/2009, Amount: 240.000 Euro, 2009-2011.
- P3. Cîmpean Anca Maria- participant.** Chemokine profiles correlated with tumor phenotype, metastatic status and development of resistance to therapy in breast cancer. Idei 1197/2009.
- P4. Cîmpean Anca Maria- project manager.** Mobilites fellow. CNCSIS, Human resources, 222/2009. Amount: 1500 Euro, 2009
- P5. Cîmpean Anca Maria- participant.** Prognostic and therapeutic value of tumor lymphangiogenesis. Clinico pathologic and experimental study in malignant solid tumors. PNII/Parteneriate, Cod 41-054/2007, Amount: 500.000 Euro, 2007-2010.
- P6. Cîmpean Anca Maria- participant. Laborator for breast cancer molecular diagnosis.** PNII/Capacitati, Cod 96/2007, Amount: 500000 Euro, 2007-2009.
- P7. Cîmpean Anca Maria- participant. The effects of pro and anti mast cells degranulations agents against tumor angiogenesis.** CNCSIS 2006, Cod 759/2006:Amount: 35.000 Euro, 2006-2008
- P8. Cîmpean Anca Maria- participant.** Endoscopic, histologic, immunologic and immunohistochemical monitoring of premalignant gastric lesions and characterisation of early stages of malignant invasion in gastric cancer. CEEX 190/2006.Amount P1: 35.000 Euro, 2006-2008
- P9. Cîmpean Anca Maria-participant.** Angiogenic phenotype of malignant tumors. Clinicopathologic and experimental study. 1193/2004. 100.000 Euro, 2004-2006
- P10. Cîmpean Anca Maria-participant.** Expression and clinical significance of prostate specific antigen correlated with hormone receptors levels and HER2/neu protein in breast cancer. VIASAN. Cod proiect: 029/2004. Amount : 500.000 Euro, 2004-2006.
- P 11. Cîmpean Anca Maria-project manager.** Angiogenesis and lymphangiogenesis in primary human pterygium and its recurrences as potential therapeutic target. TE 109/2011, UEFISCDI, Amount 117.000 Euro, 2011-2013
- P 12. Cîmpean Anca Maria-participant.** Lymphangiogenesis in molecular types of breast cancer as a prerequisite for their metastasis. 500.000 Euro, 2011-2015.

LIST OF PUBLICATIONS

I. PhD Thesis Title

1. **Characterisation of the angiogenic phenotype of malignant tumors and its modulation in clinical and experimental conditions.** Coordinator: Prof. Dr. Marius Raica. Dissertation date: 6.07.2007 , Confirmed: 12.03.2008.

II. Habilitation thesis.

1. **The molecular profile of tumor and non tumor associated angiogenesis and lymphangiogenesis. Impact on targeted therapy.** Dissertation: October, 4th 2013, Confirmed: November, 28th, 2013

III. Books and Book Chapters

III.1. National books recognized by CNCSIS.

1. Marius Raica, **Anca Maria Cimpean**, Puşa Gaje, Domenico Ribatti. *Angiogeneza și limfangiogeneza tumorală.* Editura "Victor Babeş" Timișoara, ISBN 978-606-8054-28-5, 2010
2. Scridon T., Encică S, **Cimpean AM**, Raica M, Bârsan M. Patologia Timusului. Editura Medicală Universitară "Iuliu Hațieganu" Cluj Napoca, ISBN 978-973-693-305-9, 2009
3. Narita D, Raica M, **Cimpean AM**, Anghel A. *Markeri tumorali in cancerul de sin*, Editura Eurobit Timisoara, ISBN 978-973-620-315-2, 2007

III.2. Book chapters published in international books

1. Raica M, **Cimpean AM**. Thymus and angiogenesis in Recent advances in angiogenesis and antiangiogenesis, Bentham Publisher, USA, eISSN 978-1-60805-004-8, 2009.
2. Sarb S, Raica M , **Cimpean AM**. Human Embryonic Blood Vessels: What Do They Tell Us About Vasculogenesis and Angiogenesis? *Vasculogenesis and Angiogenesis - from Embryonic Development to Regenerative Medicine* . Publisher: InTech , ISBN 978-953-307-882-3, 2011
3. **Cimpean AM**, Mazuru V, Șaptefrați L, Raica M. *Shadow Keyplayers of the Uterine Cervix Lesions Progression and Metastasis*. Histopathology-Reviews and Recent Advances Publisher: InTechOpen, Editor Enrique Poblet Martinez, ISBN 978-953-51-0866-5, 2012
4. **Cimpean AM**, Ribatti D, Raica M. A Historical Appraisal of Angiogenesis Assays since Judah Folkman and Before...Chapter 2 In „Angiogenesis: Insights from a Systematic Overview”, ISBN: 978-1-62618-114-4, Editor Gaetano Santulli (Columbia University Medical Center, College of Physicians & Surgeons, Columbia University, New York, NY, USA), Series: Cell Biology Research Progress from NOVASCIENCE PUBLISHER, NEW YORK, 2013

5. **Cimpean AM.** Sava-Poenaru M, Raica M. Angiogenesis and Lymphangiogenesis as Molecular Therapeutic Targets in Human Pterygium And Its Recurrences. Chapter 10 in „Angiogenesis: Insights from a Systematic Overview”, ISBN: 978-1-62618-114-4, Editor Gaetano Santulli (Columbia University Medical Center, College of Physicians & Surgeons, Columbia University, New York, NY, USA), Series: Cell Biology Research Progress from NOVASCIENCE PUBLISHER, NEW YORK, 2013
6. Laurențiu Pirtea, Andreea Adriana Jitariu, Marius Raica, Anca Maria Cimpean. Angiogenesis and lymphangiogenesis in ovarian cancer. Lessons from the lab to the clinic. LAP LAMBERT Academic Publishing. 2015. ISBN: 978-3-659-80103-7
7. Oprea M, Cimpean AM, Poenaru DV, Raica M. NERVE STRUCTURES INSIDE THE INTERVERTEBRAL DISC: A POSSIBLE LINK TO SYMPTOMATIC LUMBAR DISC DISEASE. Book Title: Intervertebral Disc Degeneration: Prevalence, Risk Factors and Treatments, NovaScience Publisher New York, 2016

2015-2019 RELEVANT PUBLICATIONS ACCORDING WITH GOOGLE SCHOLAR AND WEB OF SCIENCE (in extenso, abstracts conferences, book chapters)

1. Is Circular Fibrin Sealing of Low Rectal Anastomosis Able to Prevent Leakage in 21-Day Follow-up? Randomized Experimental Trial in Pigs. FA Wenger, E Szucsik, BF Hoinoiu, AM Cimpean, JP Matonick, M Ionac, Surgical Innovation 26 (4), 408-419, 2019
2. D Taran, VN Tarlui, RA Ceausu, AM Cimpean, M Raica, S Sarb. Podoplanin and PROX1 Expression in Hypercaloric Diet-induced Pancreatic Injuries In vivo 33 (4), 1157
3. A Nesi, AM Cimpean, RA Ceausu, A Adile, I Ioiart, C Porta, M Mazzanti, ... Intracellular chloride ion channel protein-1 expression in clear cell renal cell carcinoma. Cancer Genomics-Proteomics 16 (4), 299-307, 2019
4. A Militaru, S Zus, AM Cimpean, S Iurciuc, P Matusz, M Iurciuc, D Lighezan, ... Early Diagnosis of Cardiotoxicity in Patients Undergoing Chemotherapy for Acute Lymphoblastic Leukemia. Anticancer research 39 (6), 3255-3264, 2019
5. E Carpenco, RA CEAUȘU, AM Cimpean, PN Gaje, L ȘAPTEFRĂȚI, ... Mast cells as an indicator and prognostic marker in molecular subtypes of breast cancer. In vivo 33 (3), 743-748, 2019
6. EJM Huijbers, IM Van Der Werf, LD Faber, LD Sialino, P Van Der Laan, ... Targeting tumor vascular CD99 inhibits tumor growth. Frontiers in Immunology 10, 651, 2019
7. AS Corlan, AM Cimpean, E Melnic, M Raica, S Sarb. VEGF, VEGF165b and EG-VEGF expression is specifically related with hormone profile in pituitary adenomas. European Journal of Histochemistry: EJM 63 (1), 2019
8. C Capatina, AM Cimpean, M Raica, M Coculescu, C Poiana. SOX 2 Expression in Human Pituitary Adenomas–Correlations With Pituitary Function. In vivo 33 (1), 79-83, 2019
9. L Cirligeriu, AM Cimpean, H Calniceanu, M Vladau, S Sarb, M Raica, ... Hyaluronic acid/bone substitute complex implanted on chick embryo chorioallantoic membrane induces osteoblastic differentiation and angiogenesis, but not inflammation. International Journal of Molecular Sciences 19 (12), 4119, 2018
10. VLJL Thijssen, YWJ Paulis, P Nowak-Sliwinska, KL Deumelandt, ... Targeting PDGF-mediated recruitment of pericytes blocks vascular mimicry and tumor growth. The Journal of Pathology 246 (4), 447-458, 2018
11. A Militaru, A Avram, AM Cimpean, M Iurciuc, P Matusz, D Lighezan, ... The assessment of left ventricle function and subclinical atherosclerosis in patients with acute myeloid leukemia. In vivo 32 (6), 1599-1607, 2018
12. AA Jitariu, M Raica, AM Cimpean, SC Suci. The role of PDGF-B/PDGFR-BETA axis in the normal development and carcinogenesis of the breast. Critical Reviews in Oncology/Hematology 131, 46-52, 2018
13. S Di Carlo, F De Angelis, E Brauner, D Rosella, P Papi, G Pompa, ... Histological and immunohistochemical evaluation of mandibular bone tissue regeneration. International Journal of Immunopathology and Pharmacology 32, 2058738418798249, 2018
14. R Heredea, AM Cimpean, S Cerbu, CM Popoiu, AA Jitariu, M Raica. New approach to rare pediatric multicystic mesenteric lymphangioma; would it guide the development of targeted therapy? Frontiers in Pediatrics 6, 223, 2018
15. P Nowak-Sliwinska, K Alitalo, E Allen, A Anisimov, AC Aplin, R Auerbach, ... Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis 21 (3), 425-532, 2018
16. AM Cimpean, D LALOŠEVIĆ, V Lalošević, P Banović, M Raica, ... Disodium cromolyn and anti-podoplanin antibodies strongly inhibit growth of BHK 21/C13-derived fibrosarcoma in a chick embryo chorioallantoic membrane model. In vivo 32 (4), 791-798, 2018
17. AR Ceausu, A Ciolofan, AM Cimpean, A Magheti, O Mederle, M Raica. The Mesenchymal–Epithelial and Epithelial–Mesenchymal Cellular Plasticity of Liver Metastases with Digestive Origin. Anticancer research 38 (2), 811-816, 2018
18. A Cioca, D Muntean, C Bungardean, M Raica, AM Cimpean. Expression and distribution of galectin-3 in chromophobe and papillary carcinomas. Anticancer Research 38 (1), 259-263, 2018
19. IS Bujor, A Cioca, RA CEAUȘU, F Veaceslav, C Nica, AM Cimpean, ... Evaluation of vascular proliferation in molecular subtypes of breast cancer. In vivo 32 (1), 79-83, 2018
20. Ș COMȘA, RA CEAUȘU, R Popescu, AM Cimpean, M Raica. The human mesenchymal stem cells and the chick embryo chorioallantoic membrane: the key and the lock in revealing vasculogenesis. In vivo 31 (6), 1139-1144, 2017
21. AA Jitariu, AC Toma, AM Cimpean, M Raica. Refining the accuracy of primary and metastatic breast cancer diagnosis: An immunohistochemical assessment of myoepithelial cells following tissue microarray (TMA) application. VIRCHOWS ARCHIV 471, S296-S296, 2017
22. A Cioca, AM Cimpean, RA Ceausu, V Tarlui, A Toma, I Marin, M Raica. Evaluation of Podoplanin Expression in Hepatocellular Carcinoma Using RNAscope and Immunohistochemistry—A Preliminary Report. Cancer Genomics-Proteomics 14 (5), 383-387, 2017
23. AM Cimpean, V Tarlui, AA CUMPĂNAȘ, S Bolinteanu, A CUMPĂNAȘ, ... Critical Overview of HER2 Assessment in Bladder Cancer: What Is Missing for a Better Therapeutic Approach? Anticancer Research 37 (9), 4935-4942, 2017

24. AA Jitariu, AM Cîmpean, D Ribatti, M Raica. Triple negative breast cancer: the kiss of death. *Oncotarget* 8 (28), 46652, 2017
25. AM Cîmpean, R Tamma, S Ruggieri, B Nico, A Toma, D Ribatti. Mast cells in breast cancer angiogenesis. *Critical Reviews in Oncology/Hematology* 115, 23-26, 2017
26. M Raica, AM Cîmpean. Paul Langerhans: hodočasnik koji je "putovao" of funkcionalne histologije do biologije mora. Paul Langerhans: a prilgrim "traveling" from functional histology to marine biology. *Acta medico-historica Adriatica* 15 (1), 139-146, 2017
27. AS Corlan, A Cîmpean, M Raica, E Melnic, RA Ceausu. HER2, EGFR and PDGF family members as potential prognostic markers and their therapeutic implications. 19th European Congress of Endocrinology 49, 2017
28. B Bălinișteanu, AM Cîmpean, AR Ceaușu, AS Corlan, E Melnic, M Raica High Ki-67 expression is associated with prolactin secreting pituitary adenomas. *Bosnian Journal of Basic Medical Sciences* 17 (2), 104, 2017
29. AS Corlan, AM Cîmpean, AA Jitariu, E Melnic, M Raica. Endocrine gland-derived vascular endothelial growth factor/prokineticin-1 in cancer development and tumor angiogenesis. *International Journal of Endocrinology* 2017
30. S Comsa, R Popescu, S Avram, RA Ceausu, AM Cîmpean, M Raica. Bevacizumab Modulation of the Interaction Between the MCF-7 Cell Line and the Chick Embryo Chorioallantoic Membrane. *In Vivo* 31 (2), 199-203, 2017
31. A Cioca, AR Ceausu, I Marin, M Raica, AM Cîmpean. The multifaceted role of podoplanin expression in hepatocellular carcinoma. *European Journal of Histochemistry: EJH* 61 (1), 2017
32. F Veaceslav, CA Raluca, CA Maria, S Lilian, R Marius. B-cell lymphoma-2 receptor in human primary breast and its lymph node metastases: more than a surrogate marker. *The Moldovan Medical Journal* 60 (1), 2017
33. S Iurciuc, AM Cîmpean, F Mitu, R Heredeia, M Iurciuc. Vascular aging and subclinical atherosclerosis: why such a "never ending" and challenging story in cardiology?. *Clinical Interventions in Aging* 12, 1339, 2017
34. AM Cîmpean, AR Ceausu, A Corlan, E Melnic, AA Jitariu, M Raica. The "game" of glial fibrillary acidic and S100 proteins in pituitary adenomas: two players or several? *Endokrynologia Polska* 68 (4), 380-389, 2017
35. AM Cîmpean, M Raica. The hidden side of disodium cromolyn: from mast cell stabilizer to an angiogenic factor and antitumor agent. *Archivum immunologiae et therapiae experimentalis* 64 (6), 515-522, 2016
36. AM Cîmpean, IM Cobec, RA CEAUȘU, R Popescu, A Tudor, M Raica. Platelet derived growth factor BB: a "Must-have" therapeutic target "redivivus" in ovarian cancer. *Cancer Genomics-Proteomics* 13 (6), 511-517, 2016
37. IM Cobec, I Sas, L PIRTEA, AM Cîmpean, AE Moatar, RA CEAUȘU, ... Podoplanin as key player of tumor progression and lymph vessel proliferation in ovarian cancer. *Anticancer research* 36 (10), 5265-5272, 2016
38. AA Jitariu, AM Cîmpean, AR Ceausu, E Melnic, M Raica. From breast to "endocrine brain": The heterogeneous expression of ErbB family members in pituitary adenomas. *VIRCHOWS ARCHIV* 469 (SUPPL 1), S75-S75, 2016
39. B Balinisteanu, AM Cîmpean, AR Ceausu, M Raica. Gastrointestinal Stromal Tumour (GIST) of an obliterated vermiform appendix: A case report. *VIRCHOWS ARCHIV* 469 (SUPPL 1), S267-S267, 2016
40. B Balinisteanu, AM Cîmpean, AR Ceausu, E Melnic, AS Corlan, M Raica Vascular Endothelial Growth Factor (VEGF) and its inhibitory isoform VEGF165b: Dual role in pituitary adenomas. *VIRCHOWS ARCHIV* 469 (SUPPL 1), S175-S175, 2016
41. AA Jitariu, AM Cîmpean, AR Ceausu, E Melnic, M Raica. GFAP and S100 protein game in pituitary adenomas: Single player or multiplayer configuration? *VIRCHOWS ARCHIV* 469 (SUPPL 1), S75-S76, 2016
42. M Raica, AA Jitariu, AM Cîmpean. Lymphangiogenesis and anti-lymphangiogenesis in cutaneous melanoma. *Anticancer Research* 36 (9), 4427-4435, 2016
43. S Iurciuc, C Avram, V Turi, A Militaru, A Avram, AM Cîmpean, M Iurciuc. Physical training, hemodynamic parameters and arterial stiffness: friends or foes of the hypertensive patient? *In vivo* 30 (4), 521-528, 2016
44. MM Margan, AA Jitariu, AM Cîmpean, C Nica, M Raica Molecular portrait of the normal human breast tissue and its influence on breast carcinogenesis. *Journal of Breast Cancer* 19 (2), 99-111, 2016
45. AA CUMPĂNAS, AM Cîmpean, O Ferician, RA Ceausu, S Sarb, V Barbos, ... The involvement of PDGF-B/PDGFRβ axis in the resistance to antiangiogenic and antivascular therapy in renal cancer. *Anticancer Research* 36 (5), 2291-229, 2016
46. Ferician, AM Cîmpean, AR Ceausu, A Dema, M Raica, A Cumpanas. Heterogeneous vascular patterns in renal cell carcinomas. *Polish Journal of Pathology* 67 (1), 46-53, 2016
47. MD Oprea, AM Cîmpean, M Raica, DV Poenaru NERVE STRUCTURES INSIDE THE INTERVERTEBRAL DISC: A POSSIBLE LINK TO SYMPTOMATIC LUMBAR DISC DISEASE. *INTERVERTEBRAL DISC DEGENERATION*, 17, 2016
48. V Fulga, AR Balica, AM Cîmpean, L Șaptefrățu, M Raica. Expression of CK5 basal cytokeratin during metastatic development of breast carcinoma. *Research and Clinical Medicine* 1 (1), 15-21, 2016
49. RA Ceaușu, AM Cîmpean, P Gaje, M Raica, Overexpression of VEGF and VEGFR2 in chronic hepatitis and liver cirrhosis. *Angiogenesis: present and future*, 40, 2016
50. AM Cîmpean, E Melnic, A Corlan, AR Ceaușu, M Raica. HETEROGENEITY OF C ERB B FAMILY MEMBERS EXPRESSION IS RELATED TO CELL MORPHOLOGY AND IMMUNOPROFILE IN PITUITARY ADENOMAS. *Research and clinical medicine. The European Journal of Innovative ...* 12016
51. DE Coricovac, I Pinzaru, IZ Pavel, R Ghiulai, AM Cîmpean, C Soica, ... Experimental models of human melanoma. *Toxicology Letters*, S93, 2016
52. M Vladau, AM Cîmpean, RA Balica, AA Jitariu, RA Popovici, M Raica. VEGF/VEGFR2 axis in periodontal disease progression and angiogenesis: basic approach for a new therapeutic strategy. *In Vivo* 30 (1), 53-60, 2016
53. AM Cîmpean, RA Balica, IC Doros, NC Balica, PN Gaje, RA Popovici, ... Epidermal growth factor receptor (EGFR) and keratin 5 (K5): versatile keyplayers defining prognostic and therapeutic sub-classes of head and neck squamous cell carcinomas. *Cancer Genomics-Proteomics* 13 (1), 75-81, 2016
54. Ferician, AM Cîmpean, S Avram, M Raica. Endostatin effects on tumor cells and vascular network of human renal cell carcinoma implanted on chick embryo chorioallantoic membrane. *Anticancer Research* 35 (12), 6521-6528, 2015
55. AM Cîmpean, M Raica. Lymphangiogenesis and Inflammation—Looking for the "Missing Pieces" of the Puzzle. *Archivum Immunologiae et Therapiae Experimentalis* 63 (6), 415-426, 2015
56. SE GIUȘCĂ, ID CĂRUNTU, AM Cîmpean, RE Avadanei, AR Balica, ... Tryptase-positive and CD117 positive mast cells correlate with survival in patients with liver metastasis. *Anticancer research* 35 (10), 5325-5331, 2015
57. AR Balica, E Boia, PN Gaje, AM Cîmpean, M Raica. Epidermal Growth Factor Receptor (EGFR) and p53 co-expression in Head and Neck Squamous Cell Carcinomas (SCC). *VIRCHOWS ARCHIV* 467, S88-S88, 2015
58. AM Cîmpean, NC Balica, CI Doros, M Raica. Interplay between Epidermal Growth Factor Receptor (EGFR), Keratin 5 (K5) and TNM staging parameters in Head and Neck Squamous Cell Carcinomas (SCC). *VIRCHOWS ARCHIV* 467, S26-S26, 2015
59. S Comsa, S Avram, AR Balica, AM Cîmpean, M Raica. The MCF-7 breast cancer cell line and the chick chorioallantoic membrane. How does bevacizumab modulate this interaction? *VIRCHOWS ARCHIV* 467, S12-S12, 2015

60. AM Cimpean, E Melnic, B Balinisteanu, M Coculescu, M Raica, E Foca. Comparative assesment of hormone immunoprofile between pituitary adenomas coming from Romania and Republic of Moldova. *VIRCHOWS ARCHIV* 467, S73-S74, 2015
61. SE Giusca, R Avadanei, ID Caruntu, DG Ciobanu, M Raica, AM Cimpean. Tryptase positive mast cells in colorectal liver metastases. *VIRCHOWS ARCHIV* 467, S232-S232, 2015
62. B Balinisteanu, AM Cimpean, AR Balica, E Melnic, AS Corlan, M Raica. Platelet-derived Growth Factor (PDGF) A and PDGF B/PDGFR beta axis in pituitary adenomas. *VIRCHOWS ARCHIV* 467, S212-S212, 2015
63. AA Jitariu, DS Goldis, AM Cimpean, M Raica. Comparative assessment of CD34 and Endoglin (CD105) positive tumour blood vessels from rectal cancer: Correlation with biological and histopathological parameters. *VIRCHOWS ARCHIV* 467, S191-S191, 2015
64. FA Wenger, E Szucsik, BF Hoinoiu, AM Cimpean, M Ionac, M Raica. Circular anastomotic experimental fibrin sealant protection in deep colorectal anastomosis in pigs in a randomized 9-day survival study. *International Journal of Colorectal Disease* 30 (8), 1029-1039, 2015
65. L Lozneanu, R Avadanei, AM Cimpean, SE Giusca, C Amalinei, ... Relationship between the proangiogenic role of EG-VEGF, clinicopathological characteristics and survival in tumoral ovary. *The Medical-Surgical Journal* 119 (2), 460-465, 2015
66. Ş Comşa, AM Cimpean, M Raica. The story of MCF-7 breast cancer cell line: 40 years of experience in research. *Anticancer research* 35 (6), 3147-3154, 2015
67. C Danciu, C Oprean, DE Coricovac, C Andreea, A Cimpean, H Radeke, ... Behaviour of four different B 16 murine melanoma cell sublines: C57 BL/6J skin. *International Journal of Experimental Pathology* 96 (2), 73-80, 2015
68. AA Jitariu, AM Cimpean, NR Kundnani, M Raica. Platelet-derived growth factors induced lymphangiogenesis: evidence, unanswered questions and upcoming challenges. *Archives of medical science: AMS* 11 (1), 57, 2015
69. V Fulga, L Rudico, AR Balica, AM Cimpean, L Saptefrati, M Raica. Invasive ductal carcinoma of no special type and its corresponding lymph node metastasis: do they have the same immunophenotypic profile? *Polish Journal of Pathology* 66 (1), 30-37, 2015
70. V Fulga, L Rudico, AR Balica, AM Cimpean, L Saptefrati, MM Margan, .. Differential expression of E-cadherin in primary breast cancer and corresponding lymph node metastases. *Anticancer research* 35 (2), 759-765, 2015
71. BA Raluca, AM Cimpean, A Cioca, O Cretu, O Mederle, A Ciolofan, ... Endothelial cell proliferation and vascular endothelial growth factor expression in primary colorectal cancer and corresponding liver metastases. *Asian Pac J Cancer Prev* 16 (11), 4549-4553, 2015
72. AM Cimpean, E Melnic, B Bălinișteanu, A Corlan, M Coculescu, S Rusu, ... Geographic-related differences of pituitary adenomas hormone profile: analysis of two groups coming from southeastern and eastern Europe. *International Journal of Endocrinology* 2015
73. M Raica, AM Cimpean, RA Popovici, AR Balica, M Vladau, PN Gaje. Mast cells stimulate lymphangiogenesis in the gingiva of patients with periodontal disease. *In Vivo* 29 (1), 29-34, 2015
74. M Oprea, I Popa, AM Cimpean, M Raica, DV Poenaru. Microscopic assessment of degenerated intervertebral disc: clinical implications and possible therapeutic challenge. *In vivo* 29 (1), 95-102.

2011-2014 RELEVANT PUBLICATIONS:

1. **Cimpean AM**, Mazuru V, Cernii A, Ceausu R, Saptefrati L, Cebanu A, Fit AM, Raica M. Detection of early lymphangiogenesis by lymphatic microvascular density and endothelial proliferation status in preneoplastic and neoplastic lesions of the uterine cervix. *Pathol Int.* 2011 Jul;61(7):395-400. doi: 10.1111/j.1440-1827.2011.02673.x. Epub 2011 Jun 13.
2. **Cimpean AM**, Poenaru Sava M, Raica M, Ribatti D. Preliminary evidence of the presence of lymphatic vessels immunoreactive for D2-40 and Prox-1 in human pterygium. *Oncol Rep.* 2011 Jun 8. doi: 10.3892/or.2011.1342
3. Ceauşu RA, **Cimpean AM**, Gaje P, Gurzu S, Jung I, Raica M. CD105+Ki67 double immunostaining expression in liver metastasis from colon carcinoma. *Rom J Morphol Embryol.* 2011;52(2):613-6.
4. **Cimpean AM**, Ceauşu R, Encică S, Gaje PN, Ribatti D, Raica M. Platelet-derived growth factor and platelet-derived growth factor receptor- α expression in the normal human thymus and thymoma. *Int J Exp Pathol.* 2011 Jun 7. doi: 10.1111/j.1365-2613.2011.00777.x.
5. Raica M, **Cimpean AM**, Ceausu R, Ribatti D. Lymphatic microvessel density, VEGF-C, and VEGFR-3 expression in different molecular types of breast cancer. *Anticancer Res.* 2011 May;31(5):1757-64.
6. **Cimpean AM**, Ribatti D, Raica M. A brief history of angiogenesis assays. *Int. J. Dev. Biol.* 2011 ;55(4-5):377-82
7. Duşe AO, Ceauşu RA, Mezei T, **Cimpean AM**, Gaje P, Ioniţă H, Jung I. Mast cells contribute to the angiogenesis in non-Hodgkin lymphoma. An immunohistochemical study based on the relationship with microvessel density. *Rom J Morphol Embryol.* 2011;52(3 Suppl):1091-6.
8. Pirtea L, Raica M, **Cimpean AM**. Endothelial cell activation and proliferation in ovarian tumors: two distinct steps as potential markers for antiangiogenic therapy response. *Mol Med Rep.* 2012 May;5(5):1181-4
9. Ribatti D, Nico B, **Cimpean AM**, Raica M, Crivellato E, Ruggieri S, Vacca A. B16-F10 melanoma cells contribute to the new formation of blood vessels in the chick embryo chorioallantoic membrane through vasculogenic mimicry. *Clin Exp Med.* 2012 Apr 19.
10. Feflea S, **Cimpean AM**, Ceausu RA, Gaje P, Raica M. Effects of antibodies to EG-VEGF on angiogenesis in the chick embryo chorioallantoic membrane. *In Vivo.* 2012 Sep-Oct;26(5):793-7.
11. Bălu S, Pirtea L, Gaje P, **Cimpean AM**, Raica M. The immunohistochemical expression of endocrine gland-derived-VEGF (EG-VEGF) as a prognostic marker in ovarian cancer. *Rom J Morphol Embryol.* 2012;53(3):479-83.

12. Cornea R, Cîmpean AM, Simu M, Cornea A, Suciuc C, Raica M. Clinical, morphological and immunohistochemical characterization of a recurrent B1 type thymoma. *Rom J Morphol Embryol.* 2012;53(3):639-43.
13. Gurzu S, **Cîmpean AM**, Kovacs J, Jung I. Counting of angiogenesis in colorectal carcinomas using double immunostain. *Tumori.* 2012 Jul-Aug;98(4):485-90.
14. **Cîmpean AM**, Mazuru V, Saptefrati L, Ceausu R, Raica M. Prox 1, VEGF-C and VEGFR3 expression during cervical neoplasia progression as evidence of an early lymphangiogenic switch. *Histol Histopathol.* 2012 Dec;27(12):1543-50.
15. Birau A, Ceausu RA, **Cîmpean AM**, Gaje P, Raica M, Olariu T. Assessment of angiogenesis reveals blood vessel heterogeneity in lung carcinoma. *Oncol Lett.* 2012 Dec;4(6):1183-1186.
16. Dușe AO, Ceaușu RA, Mezei T, **Cîmpean AM**, Gaje P, Ioniță H, Jung I, Raica M. The characterization of PDGFR-alpha and PDGFR-beta expression in malignant non-Hodgkin lymphoma. *Rom J Morphol Embryol.* 2012;53(3 Suppl):749-53.
17. Ceausu RA, **Cîmpean AM**, Dimova I, Hlushchuk R, Djonov V, Gaje PN, Raica M. Everolimus dual effects of an area vasculosa angiogenesis and lymphangiogenesis. *In Vivo.* 2013 Jan-Feb;27(1):61-6.
18. Dușe AO, Ceaușu RA, **Cîmpean AM**, Ioniță H, Raica M, Gaje P. Heterogeneity of malignant non-Hodgkin lymphoma-associated blood vessels. *Rom J Morphol Embryol.* 2012;53(4):985-8.
19. Avram SF, **Cîmpean AM**, Raica M. Behavior of the P1.HTR mastocytoma cell line implanted in the chorioallantoic membrane of chick embryos. *Braz J Med Biol Res.* 2013 Jan 11;46(1):52-7
20. **Cîmpean AM**, Sava MP, Raica M. DNA damage in human pterygium: One-shot multiple targets. *Mol Vis.* 2013;19:348-56.
21. Dehelean CA, Feflea S, Gheorgheosu D, Ganta S, **Cîmpean AM**, Muntean D, Amiji MM. Anti-angiogenic and anti-cancer evaluation of betulin nanoemulsion in chicken chorioallantoic membrane and skin carcinoma in Balb/c mice. *J Biomed Nanotechnol.* 2013 Apr;9(4):577-89.
22. **Cîmpean AM**, Raica M. Intranodal hemorrhagic spindle cell tumor with amianthoid fibers - report of a case with emphasis to mast cell reaction and d2-40 expression. *In Vivo.* 2013 May-Jun;27(3):395-9.
23. Doroș C, Balica N, **Cîmpean AM**. Dendritic cells: friends or foes of laryngeal cancer? *Rom J Morphol Embryol.* 2013;54(1):131-5.
24. Stoia-Djeska I, Ceaușu RA, **Cîmpean AM**, Nicodin A, Tudorache V, Raica M. From basic lesions to a pathological staging of pulmonary fibrosis. *Rom J Morphol Embryol.* 2013;54(1):63-9.
25. Raica M, **Cîmpean AM**, Ceausu R, Ribatti D, Gaje P. Interplay between mast cells and lymphatic vessels in different molecular types of breast cancer. *Anticancer Res.* 2013 Mar;33(3):957-63.
26. Gaje PN, Stoia-Djeska I, **Cîmpean AM**, Ceausu RA, Tudorache V, Raica M. Lymphangiogenesis as a prerequisite in the pathogenesis of lung fibrosis. *In Vivo.* 2014 May-Jun;28(3):367-73.
27. Cîrligeriu L, **Cîmpean AM**, Raica M, Doroș CI. Dual role of podoplanin in oral cancer development. *In Vivo.* 2014 May-Jun;28(3):341-7.
28. Raica M, **Cîmpean AM**, Ceausu RA, Fulga V, Nica C, Rudico L, Saptefrati L. Hormone receptors and HER2 expression in primary breast carcinoma and corresponding lymph node metastasis: do we need both? *Anticancer Res.* 2014 Mar;34(3):1435-40.
29. Cîrligeriu L, **Cîmpean AM**, Raica M, Doroș CI. Dual role of podoplanin in oral cancer development. *In Vivo.* 2014 May-Jun;28(3):341-7
30. Gaje PN, Stoia-Djeska I, **Cîmpean AM**, Ceausu RA, Tudorache V, Raica M. Lymphangiogenesis as a prerequisite in the pathogenesis of lung fibrosis. *In Vivo.* 2014 May-Jun;28(3):367-73.
31. **Cîmpean AM**, Crăiniceanu Z, Mihailovici D, Bratu T, Raica M. Human conchal cartilage and temporal fascia: an evidence-based roadmap from rhinoplasty to an in vivo study and beyond. *In Vivo.* 2014 Jul-Aug;28(4):505-14.
32. Taban O, **Cîmpean AM**, Raica M, Olariu S. PROX1 expression in gastric cancer: from hypothesis to evidence. *Anticancer Res.* 2014 Jul;34(7):3439-46.
33. Globa T, Saptefrati L, Ceaușu RA, Gaje P, **Cîmpean AM**, Raica M. Mast cell phenotype in benign and malignant tumors of the prostate. *Pol J Pathol.* 2014 Jun;65(2):147-53.
34. Bălinișteanu B, **Cîmpean AM**, Melnic E, Coculescu M, Ceaușu RA, Raica M. Crosstalk between tumor blood vessels heterogeneity and hormonal profile of pituitary adenomas: evidence and controversies. *Anticancer Res.* 2014 Oct;34(10):5413-20.
35. Poenaru Sava MG, Raica ML, **Cîmpean AM**. VEGF mRNA Assessment in Human Pterygium: A New 'Scope' for a Future Hope. *Ophthalmic Res.* 2014 Oct 3;52(3):130-135

36. Lozneanu L, Avădănei R, Cîmpean AM, Giușcă SE, Amălinei C, Căruntu ID. RELATIONSHIP BETWEEN THE PROANGIOGENIC ROLE OF EG-VEGF, CLINICOPATHOLOGICAL CHARACTERISTICS AND SURVIVAL IN TUMORAL OVARY. *Rev Med Chir Soc Med Nat Iasi*. 2015 Apr-Jun;119(2):461-5.
37. **Cimpean AM**, Raica M. Lymphangiogenesis and Inflammation-Looking for the "Missing Pieces" of the Puzzle. *Arch Immunol Ther Exp (Warsz)*. 2015 Jul 14. [Epub ahead of print]
38. Raluca BA, **Cimpean AM**, Cioca A, Cretu O, Mederle O, Ciolofan A, Gaje P, Raica M. Endothelial Cell Proliferation and Vascular Endothelial Growth Factor Expression in Primary Colorectal Cancer and Corresponding Liver Metastases. *Asian Pac J Cancer Prev*. 2015;16(11):4549-53.
39. **Cimpean AM**, Melnic E, Bălinișteanu B, Corlan A, Coculescu M, Rusu S, Raica M. Geographic-Related Differences of Pituitary Adenomas Hormone Profile: Analysis of Two Groups Coming from Southeastern and Eastern Europe. *Int J Endocrinol*. 2015;2015:192094. doi: 10.1155/2015/192094. Epub 2015 May 11.
40. Comșa Ș, Cîmpean AM, Raica M. The Story of MCF-7 Breast Cancer Cell Line: 40 years of Experience in Research. *Anticancer Res*. 2015 Jun;35(6):3147-54. Review.
41. Fulga V, Rudico L, Balica AR, **Cimpean AM**, Saptefrati L, Raica M Invasive ductal carcinoma of no special type and its corresponding lymph node metastasis: do they have the same immunophenotypic profile? *Pol J Pathol*. 2015 Mar;66(1):30-7.
42. Wenger FA, Szucsik E, Hoinoiu BF, **Cimpean AM**, Ionac M, Raica M. Circular anastomotic experimental fibrin sealant protection in deep colorectal anastomosis in pigs in a randomized 9-day survival study. *Int J Colorectal Dis*. 2015 Aug;30(8):1029-39. doi: 10.1007/s00384-015-2260-4. Epub 2015 May 27.
43. Jitariu AA, **Cimpean AM**, Kundnani NR, Raica M. Platelet-derived growth factors induced lymphangiogenesis: evidence, unanswered questions and upcoming challenges. *Arch Med Sci*. 2015 Mar 16;11(1):57-66. doi: 10.5114/aoms.2015.49217. Epub 2015 Mar 14.
44. Fulga V, Rudico L, Balica AR, **Cimpean AM**, Saptefrati L, Margan MM, Raica M Differential expression of e-cadherin in primary breast cancer and corresponding lymph node metastases. *Anticancer Res*. 2015 Feb;35(2):759-65.
45. Oprea M, Popa I, **Cimpean AM**, Raica M, Poenaru DV. Microscopic assessment of degenerated intervertebral disc: clinical implications and possible therapeutic challenge. *In Vivo*. 2015 Jan-Feb;29(1):95-102.

IV. Articles published in international journals

1. Gaje PN, Stoia-Djeska I, **Cimpean AM**, Ceausu RA, Tudorache V, Raica M. Lymphangiogenesis as a prerequisite in the pathogenesis of lung fibrosis. *In Vivo*. 2014 May-Jun;28(3):367-73.
2. R. A. Popovici, R. A. Ceausu, **A. M. Cimpean**, T. Serban, M. Raica and P. N. Gaje. Mast cells as key players in periodontal disease. *ARCHIVES OF BIOLOGICAL SCIENCES*, Vol. 66, No. 2, 2014
3. Cîrligeriu L, **Cimpean AM**, Raica M, Doros Ci. Dual role of podoplanin in oral cancer development. *In Vivo*. 2014 May-Jun;28(3):341-7.
4. Raica M, **Cimpean AM**, Ceausu RA, Fulga V, Nica C, Rudico L, Saptefrati L. Hormone receptors and HER2 expression in primary breast carcinoma and corresponding lymph node metastasis: do we need both? *Anticancer Res*. 2014 Mar;34(3):1435-40.
5. Cîrligeriu L, **Cimpean AM**, Raica M, Doros Ci. Dual role of podoplanin in oral cancer development. *In Vivo*. 2014 May-Jun;28(3):341-7
6. Gaje PN, Stoia-Djeska I, **Cimpean AM**, Ceausu RA, Tudorache V, Raica M. Lymphangiogenesis as a prerequisite in the pathogenesis of lung fibrosis. *In Vivo*. 2014 May-Jun;28(3):367-73.
7. **Cimpean AM**, Crăiniceanu Z, Mihailovici D, Bratu T, Raica M. Human conchal cartilage and temporal fascia: an evidence-based roadmap from rhinoplasty to an in vivo study and beyond. *In Vivo*. 2014 Jul-Aug;28(4):505-14.
8. Taban O, **Cimpean AM**, Raica M, Olariu S. PROX1 expression in gastric cancer: from hypothesis to evidence. *Anticancer Res*. 2014 Jul;34(7):3439-46.
9. Globa T, Saptefrati L, Ceaușu RA, Gaje P, **Cimpean AM**, Raica M. Mast cell phenotype in benign and malignant tumors of the prostate. *Pol J Pathol*. 2014 Jun;65(2):147-53.
10. Bălinișteanu B, **Cimpean AM**, Melnic E, Coculescu M, Ceaușu RA, Raica M. Crosstalk between tumor blood vessels heterogeneity and hormonal profile of pituitary adenomas: evidence and controversies. *Anticancer Res*. 2014 Oct;34(10):5413-20.
11. Poenaru Sava MG, Raica ML, **Cimpean AM**. VEGF mRNA Assessment in Human Pterygium: A New 'Scope' for a Future Hope. *Ophthalmic Res*. 2014 Oct 3;52(3):130-135

12. Dehelean CA, Feflea S, Gheorgheosu D, Ganta S, **Cimpean AM**, Muntean D, Amiji MM. Anti-angiogenic and anti-cancer evaluation of betulin nanoemulsion in chicken chorioallantoic membrane and skin carcinoma in Balb/c mice. *J Biomed Nanotechnol.* 2013 Apr;9(4):577-89.
13. Irina Stoia Djeska, Raluca Amalia Ceausu, Pusa Nela Gaje, **Anca Maria Cimpean**, O. Mederle, A. Nicodin, V. Tudorache, and Marius Raica .The reticular network contributes to the staging of idiopathic lung fibrosis . *ARCHIVES OF BIOLOGICAL SCIENCES* Vol. 65, No. 4, 2013
14. Adina Octavia Duse, Raluca Amalia Ceausu, Tibor Mezei, **Anca Maria Cimpean**, Pusa Gaje, Hortensia Ionita, Ioan Jung, and Marius Raica. Expression and possible significance of vascular endothelial growth factor in non-Hodgkin lymphoma. *ARCHIVES OF BIOLOGICAL SCIENCES*.Vol. 65, No. 2, 2013
15. **Cimpean AM**, Raica M. Intranodal hemorrhagic spindle cell tumor with amianthoid fibers - report of a case with emphasis to mast cell reaction and d2-40 expression. *In Vivo.* 2013 May-Jun;27(3):395-9.
16. Doroc C, Balica N, **Cimpean AM**. Dendritic cells: friends or foes of laryngeal cancer? *Rom J Morphol Embryol.* 2013;54(1):131-5.
17. Stoia-Djeska I, Ceaușu RA, **Cimpean AM**, Nicodin A, Tudorache V, Raica M.From basic lesions to a pathological staging of pulmonary fibrosis. *Rom J Morphol Embryol.* 2013;54(1):63-9.
18. Raica M, **Cimpean AM**, Ceausu R, Ribatti D, Gaje P. Interplay between mast cells and lymphatic vessels in different molecular types of breast cancer. *Anticancer Res.* 2013 Mar;33(3):957-63.
19. Avram SF, **Cimpean AM**, Raica M. Behavior of the P1.HTR mastocytoma cell line implanted in the chorioallantoic membrane of chick embryos. *Braz J Med Biol Res.* 2013 Jan 11;46(1):52-7
20. Ceausu RA, **Cimpean AM**, Dimova I, Hlushchuk R, Djonov V, Gaje PN, Raica M. Everolimus dual effects of an area vasculosa angiogenesis and lymphangiogenesis. *In Vivo.* 2013 Jan-Feb;27(1):61-6.
21. Ribatti D, Nico B, **Cimpean AM**, Raica M, Crivellato E, Ruggieri S, Vacca A. B16-F10 melanoma cells contribute to the new formation of blood vessels in the chick embryo chorioallantoic membrane through vasculogenic mimicry. *Clin Exp Med.* 2013 May;13(2):143-7.
22. Pirtea L, Raica M, **Cimpean AM**. Endothelial cell activation and proliferation in ovarian tumors: two distinct steps as potential markers for antiangiogenic therapy response. *Mol Med Rep.* 2012 May;5(5):1181-4
23. Ș. Comșa, **Anca Maria Cimpean**, Raluca Ceaușu, C. Suciuc, and M. Raica Correlations between the vascular endothelial growth factor expression, microvascular density in tumor tissues and TNM staging in breast cancer. *ARCHIVES OF BIOLOGICAL SCIENCES*, Vol. 64, No. 2, 2012
24. Feflea S, **Cimpean AM**, Ceausu RA, Gaje P, Raica M. Effects of antibodies to EG-VEGF on angiogenesis in the chick embryo chorioallantoic membrane. *In Vivo.* 2012 Sep-Oct;26(5):793-7.
25. Bălu S, Pirtea L, Gaje P, **Cimpean AM**, Raica M. The immunohistochemical expression of endocrine gland-derived-VEGF (EG-VEGF) as a prognostic marker in ovarian cancer. *Rom J Morphol Embryol.* 2012;53(3):479-83.
26. Cornea R, **Cimpean AM**, Simu M, Cornea A, Suciuc C, Raica M. Clinical, morphological and immunohistochemical characterization of a recurrent B1 type thymoma. *Rom J Morphol Embryol.* 2012;53(3):639-43.
27. Gurzu S, **Cimpean AM**, Kovacs J, Jung I. Counting of angiogenesis in colorectal carcinomas using double immunostain. *Tumori.* 2012 Jul-Aug;98(4):485-90.
28. Birau A, Ceausu RA, **Cimpean AM**, Gaje P, Raica M, Olariu T Assessment of angiogenesis reveals blood vessel heterogeneity in lung carcinoma. *Oncol Lett.* 2012 Dec;4(6):1183-1186.
29. Dușe AO, Ceaușu RA, Mezei T, **Cimpean AM**, Gaje P, Ioniță H, Jung I, Raica M. The characterization of PDGFR-alpha and PDGFR-beta expression in malignant non-Hodgkin lymphoma. *Rom J Morphol Embryol.* 2012;53(3 Suppl):749-53.
30. Dușe AO, Ceaușu RA, **Cimpean AM**, Ioniță H, Raica M, Gaje P. Heterogeneity of malignant non-Hodgkin lymphoma-associated blood vessels. *Rom J Morphol Embryol.* 2012;53(4):985-8.
31. Dușe AO, Ceaușu RA, Mezei T, **Cimpean AM**, Gaje P, Ioniță H, Jung I. Mast cells contribute to the angiogenesis in non-Hodgkin lymphoma. An immunohistochemical study based on the relationship with microvessel density. *Rom J Morphol Embryol.* 2011;52(3 Suppl):1091-6.
32. Bălinișteanu B, Ceaușu RA, **Cimpean AM**, Baciu I, Băculescu N, Coculescu M, Raica M. Conventional examination versus immunohistochemistry in the prediction of hormone profile of pituitary adenomas. An analysis on 142 cases. *Rom J Morphol Embryol.* 2011;52(3 Suppl):1041-5
33. Ceaușu RA, **Cimpean AM**, Gaje P, Gurzu S, Jung I, Raica M. CD105/Ki67 double immunostaining expression in liver metastasis from colon carcinoma. *Rom J Morphol Embryol.* 2011;52(2):613-6.

34. Raica M, **Cimpean AM**, Ceausu R, Ribatti D. Lymphatic microvessel density, VEGF-C, and VEGFR-3 expression in different molecular types of breast cancer. Anticancer Res. 2011 May;31(5):1757-64.
35. Raica M, Mogoantă L, Kondylis A, **Cimpean AM**. Angiogenesis in the human thymoma assessed by subclassification of tumor-associated blood vessels and endothelial cells proliferation. Rom J Morphol Embryol. 2010;51(4):627-31
36. Raica M, Coculescu M, **Cimpean AM**, Ribatti D. Endocrine gland derived-VEGF is down-regulated in human pituitary adenoma. Anticancer Res. 2010 Oct;30(10):3981-6.
37. Raica M, Kondylis A, Mogoantă L, Encică S, **Cimpean AM**. Diagnostic and clinical significance of D2-40 expression in the normal human thymus and thymoma. Rom J Morphol Embryol. 2010;51(2):229-34.
38. Narita D, Anghel A, **Cimpean AM**, Izvernariu D, Cireap N, Ilina R, Ursoniu S. Interaction between estrogens and androgen receptor genes microsatellites, prostate-specific antigen and androgen receptor expressions in breast cancer. Neoplasma. 2010;57(3):198-206.
39. Ribatti D, Nico B, **Cimpean AM**, Raica M. Podoplanin and LYVE-1 expression in lymphatic vessels of human neuroblastoma. J Neurooncol. 2010 Oct;100(1):151-2.
40. Sârb S, **Cimpean AM**, Grigoraş D. Tie2 expression in human embryonic tissues. Rom J Morphol Embryol. 2010;51(1):81-4.
41. **Cimpean AM**, Ceauşu R, Raica M. Paraganglioma-like dermal melanocytic tumor: a case report with particular features. Int J Clin Exp Pathol. 2009 Nov 20;3(2):222-5.
42. **Cimpean AM**, Seclaman E, Ceauşu R, Gaje P, Feflea S, Anghel A, Raica M, Ribatti D. VEGF-A/HGF induce Prox-1 expression in the chick embryo chorioallantoic membrane lymphatic vasculature. Clin Exp Med. 2010 Sep;10(3):169-72.
43. Raica M, **Cimpean AM**, Nico B, Guidolin D, Ribatti D. A comparative study of the spatial distribution of mast cells and microvessels in the foetal, adult human thymus and thymoma. Int J Exp Pathol. 2010 Feb;91(1):17-23.
44. Saptefraţi L, **Cimpean AM**, Ciornîi A, Ceauşu R, Eşanu N, Raica M. Identification of lymphatic vessels and prognostic value of lymphatic microvessel density in lesions of the uterine cervix. Rom J Morphol Embryol. 2009;50(4):589-94.
45. Raica M, **Cimpean AM**, Meche A, Alexa A, Suciuc C, Mureşan A. Analysis of the immunohistochemical expression of mammaglobin A in primary breast carcinoma and lymph node metastasis. Rom J Morphol Embryol. 2009;50(3):341-7.
46. Jung I, Gurzu S, Raica M, **Cimpean AM**, Szentirmay Z. The differences between the endothelial area marked with CD31 and CD105 in colorectal carcinomas by computer-assisted morphometrical analysis. Rom J Morphol Embryol. 2009;50(2):239-43.
47. Meche A, **Cimpean AM**, Raica. Immunohistochemical expression and significance of epidermal growth factor receptor (EGFR) in breast cancer. M. Rom J Morphol Embryol. 2009;50(2):217-21.
48. Raica M, **Cimpean AM**, Ribatti D. Angiogenesis in pre-malignant conditions. Eur J Cancer. 2009 Jul;45(11):1924-34.
49. Raica M, Jung I, **Cimpean AM**, Suciuc C, Mureşan AM. From conventional pathologic diagnosis to the molecular classification of breast carcinoma: are we ready for the change? Rom J Morphol Embryol. 2009;50(1):5-13.
50. Suciuc C, **Cimpean AM**, Mureşan AM, Izvernariu D, Raica M. E-cadherin expression in invasive breast cancer. Rom J Morphol Embryol. 2008; 49(4): 517-23.
51. **Cimpean AM**, Suciuc C, Ceauşu R, Tătucu D, Mureşan AM, Raica M. Relevance of the immunohistochemical expression of cytokeratin 8/18 for the diagnosis and classification of breast cancer. Rom J Morphol Embryol. 2008;49(4):479-83.
52. Raica M, **Cimpean AM**, Ribatti D. The role of podoplanin in tumor progression and metastasis. Anticancer Res. 2008 Sep-Oct;28(5B):2997-3006.
53. **Cimpean AM**, Raica M, Suciuc C, Tătucu D, Sârb S, Mureşan AM. Vascular endothelial growth factor A (VEGF A) as individual prognostic factor in invasive breast carcinoma. Rom J Morphol Embryol. 2008;49(3):303-8.
54. Raica M, Ribatti D, Mogoanta L, **Cimpean AM**, Ioanovici S. Podoplanin expression in advanced-stage gastric carcinoma and prognostic value of lymphatic microvessel density. Neoplasma. 2008;55(5):455-60.
55. Raica M, **Cimpean AM**, Ribatti D. Myasthenia gravis and the thymus gland. A historical review. Clin Exp Med. 2008 Jun;8(2):61-4.
56. Gurzu S, Jung J, Azamfirei L, Mezei T, **Cimpean AM**, Szentirmay Z. The angiogenesis in colorectal carcinomas with and without lymph node metastases. Rom J Morphol Embryol. 2008;49(2):149-52.
57. Suciuc C, **Cimpean AM**, Raica M. Neural granular cell tumor. A case report. Rom J Morphol Embryol. 2008;49(1):111-4.

58. Raica M, Mogoantă L, **Cimpean AM**, Alexa A, Ioanovici S, Mărgăritescu C, Lazăr D, Izvernariu D. Immunohistochemical expression of vascular endothelial growth factor (VEGF) in intestinal type gastric carcinoma. Rom J Morphol Embryol. 2008;49(1):37-42.
59. Ieremia G, Raica M, **Cimpean AM**, Bocan V. Morphologic and histochemical changes in the skin of patients with scleroderma. Rom J Morphol Embryol. 2007;48(4):361-7.
60. Gurzu S, Jung J, Azamfirei L, Mezei T, **Cimpean AM**. The aspects of angiogenesis in anal canal carcinomas compared with that in colorectal carcinomas. Rom J Morphol Embryol. 2007;48(4):349-53.
61. Mocanu L, **Cimpean AM**, Raica M. Expression of cytokeratin MNF116 and vimentin in pleural serous effusions. Rom J Morphol Embryol. 2007; 48(3):291-4.
62. Gaje P, Bocan V, **Cimpean AM**, Izvernariu DA, Streian F, Raica M. Simultaneous demonstration of mast cells and blood vessels by the combined method CD34--alcian blue-safranin in lip tumors. Rom J Morphol Embryol. 2007;48(3):237-41.
63. Raica M, **Cimpean AM**, Anghel A. Immunohistochemical expression of vascular endothelial growth factor (VEGF) does not correlate with microvessel density in renal cell carcinoma. Neoplasma. 2007;54(4):278-84.
64. **Cimpean AM**, Raica M, Izvernariu DA, Tătucu D. Lymphatic vessels identified with podoplanin. Comparison of immunostaining with three different detection systems. Rom J Morphol Embryol. 2007;48(2):139-43.
65. Raica M, **Cimpean AM**, Encică S, Cornea R. Involution of the thymus: a possible diagnostic pitfall. Rom J Morphol Embryol. 2007;48(2):101-6.
66. **Cimpean AM**, Raica M, Suci C. CD105/smooth muscle actin double immunostaining discriminate between immature and mature tumor blood vessels. Rom J Morphol Embryol. 2007;48(1):41-5.
67. Raica M, **Cimpean AM**, Encică S, Scridon T, Bârsan M. Increased mast cell density and microvessel density in the thymus of patients with myasthenia gravis. Rom J Morphol Embryol. 2007;48(1):11-6.
68. Mocanu L, **Cimpean AM**, Raica M. Value of antimesothelioma HBME-1 in the diagnosis of inflammatory and malignant pleural effusions. Rom J Morphol Embryol. 2006;47(4):351-5.
69. Raica M, Encică S, Motoc A, **Cimpean AM**, Scridon T, Bârsan M. Structural heterogeneity and immunohistochemical profile of Hassall corpuscles in normal human thymus. Ann Anat. 2006 Jul;188(4):345-52.
70. Baneth V, Raica M, **Cimpean AM**. Assessment of angiogenesis in soft-tissue tumors. Rom J Morphol Embryol. 2005;46(4):323-7.
71. Narita D, **Cimpean AM**, Anghel A, Raica M. Prostate-specific antigen value as a marker in breast cancer. Neoplasma. 2006;53(2):161-7.
72. **Cimpean AM**, Raica M, Narița D. Diagnostic significance of the immunoexpression of CD34 and smooth muscle cell actin in benign and malignant tumors of the breast. Rom J Morphol Embryol. 2005;46(2):123-9.
73. Raica M, Zylis D, **Cimpean AM**. Cytokeratin 20, 34betaE12 and overexpression of HER-2/neu in urine cytology as predictors of recurrences in superficial urothelial carcinoma. Rom J Morphol Embryol. 2005;46(1):11-5.
74. Raica M, **Cimpean AM**, Encica S, Motoc A. Lymphocyte-rich Hassall bodies in the normal human thymus. Ann Anat. 2005 Apr;187(2):175-7.
75. **Cimpean AM**, Raica M, Encica S. Overexpression of cytokeratin 34beta E12 in thymoma: could it be a poor prognosis factor? Rom J Morphol Embryol. 1999-2004;45:153-7.
76. Raica M, Encica S, Mogoanta L, Suci C, **Cimpean AM**, Margaritescu C. Thymus and thymoma: what's new? Rom J Morphol Embryol. 1999 2004;45:11-24.

V. Other works and scientific contributions.

V.1. Articles published in romanian journals recognized by CNCSIS as B+

1. Birau A, Ceausu RA, **Cimpean AM**, Gaje P, Feflea S, Ciobanu G, Olariu T, Raica M. The prognostic value of microvascular density in lung carcinomas. Studia Universitatis "Vasile Goldiș", Seria Științele Vieții. 22 (1): 17-23, 2012
2. Birau A, Ceausu RA, **Cimpean AM**, Gaje P, Ciobanu G, Olariu T, Raica M. Patterns of the vascular endothelial growth factor immune-histochemical expression in lung carcinomas. Studia Universitatis "Vasile Goldiș", Seria Științele Vieții. 22 (1): 11-17, 2012

3. Raica, M, Muresan, AM, Cimpean, AM, Suci, C. Clinical significance of androgen receptor expression in breast cancer. Acta Endocrinologica-Bucharest, 2009, 5 ; 4 : 459-469.

V.2. Abstract published in abstract books of international conferences

1. Maria Corina Stanciulescu, Calin Marius Popoiu, Laurentiu Vlad David, Marius Raica, **Anca Maria Cimpean**, Eugen Sorin Boia. B1-adrenergic receptor expression in the vascular abnormalities in human and experimental model. EUPSA 2014, Dublin, Ireland, pp. 132.
2. **Cimpean AM**, Encica S, Raica M. *Expression and potential role of SOX2 gene in human thymus and thymomas*. 21st Meeting of the European Association for Cancer Research, 26-29 June 2010, Oslo, Norway, European Journal of Cancer, suppl 8, no.5, pp:174, pg:1, 2010
3. Gaje P, **Cimpean AM**, Raica M, Ribatti D. *Lymphatic microvessel density and mast cells in molecular types of breast cancer*. 21st Meeting of the European Association for Cancer Research, 26-29 June, 2010, Oslo, Norway, European Journal of Cancer, suppl 8, no.5, pp. 188, pg 1, 2010.
4. Ceausu AR, Gurzu S, Gaje P, Jung I, Raica M, **Cimpean AM**. *Prox 1 expression in liver metastases from colon carcinoma*. 21st Meeting of the European Association for Cancer Research, 26-29 June 2010, Oslo, Norway, European Journal of Cancer, suppl 8, no.5, pp. 127, pg:1, 2010
5. Raica M, Gaje P, Ceausu AR, **Cimpean AM**. *Clinical significance of lymphangiogenesis in molecular types of invasive breast cancer*. 21st Meeting of the European Association for Cancer Research, 26-29 June, Oslo, Norway, European Journal of Cancer, suppl 8, no.5, pp.126, pg:1, 2010.
6. Iurciuc Mircea, M; Avram, A; Iurciuc, S; Gaita, D; **Cimpean, A**; Duda-Seiman, D; Ciorica, G; Mancas, S. *Physical Training May Improve Some of the Ambulatory Blood Pressure Monitoring Parameters: Pp.8.325*, Journal of Hypertension:, June 2010 - Volume 28 - Issue - p e147
7. Jung I, Gurzu S, Szentirmay Z, Mezei T, **Cimpean AM**, Raica M. *The microsatellite instability and its correlation s incolorectal carcinomas*. 22nd European Congress of Pathology, Florence, Italy, 2009, publicat în Virchow Archiv, , Suppl. 1, 455, pp:17-18,pg:1, 2009
8. Gurzu S, Mezei T, Raica M, **Cimpean A**, Szentirmay J, Jung I. *Prognostic markers and angiogenesis in diffuse large B cell lymphoma and follicular lymphoma*. 22nd European Congress of Pathology, Florence, Italy, 2009, publicat în Virchow Archiv, , Suppl. 1, 455, pp:17-18,pg:1, 2009
9. **Cimpean AM**, Seclaman E, Ferician O, Feflea S, Ceausu R, Gaje P, Anghel A. *Effects of combined VEGF/HGF on chick embryo chorioallantoic membrane*, ESH interdisciplinary Conference Angiogenesis 6-7 june, 2009, Helsinki, Finland, poster 11, 2009.
10. Mederle N, Mederle O, Ceausu R, **Cimpean AM**, Raica M, Darabus Gh. *Observation and immunohistochemical detection of spontaneous Cryptosporidium parvum infection in lambs*. III International Giardia and Cryptosporidium Conference, 11-15 octombrie, Orvieto, Italy, p103, pg1, 2009.
11. Raica M, **Cimpean AM**. *Angiogenesis in developing and postnatal human thymus*. Third European Conference on Tumor Angiogenesis and Antiangiogenic Therapy, Abano Terme, Padova, Italy, November 6-8, Abstract Book, pp.105,pg:1, 2008
12. **Cimpean AM**, Raica M, Sarb S. *Tie2, CD34 and CD133 expression in the vascular network from mesenchyme and differentiated tissues of the human embryo*. Third European Conference on Tumor Angiogenesis and Antiangiogenic Therapy, Abano Terme, Padova, Italy, November 6-8, Abstract Book, pp. 74,pg:1, 2008.
13. **Cimpean AM**, Raica M, Oasim D, Ceausu R, Gaje P, Bocan V., Ferician O, Poenaru DV, Iacovliev M. *Changes in immunophenotype, behaviour and microcirculation of human tumors implanted on the chick chorioallantoic*

- membrane. 25th Conference of the European Society of Microcirculation, Budapest, Hungary, 26-29 August 2008, Abstract publicat in Journal of Vascular Research, suppl 2, 45, pp: 61, pg1, 2008
14. Raica M, Jung I, **Cimpean AM**, Gurzu S., Suci C. *Lymphangiogenesis detected by D2-40, VEGF-C, and VEGFR3 expression in molecular subtypes of breast carcinoma*. 25th Conference of the European Society of Microcirculation, Budapest, Hungary, 26-29 August 2008, Abstract publicat in Journal of Vascular Research, suppl 2, 45, pp: 63, pg:1, 2008.
 15. Raica M, Gaje P., Mederle N., **Cimpean AM**. *Podoplanin expression in tumor cells of canine mastocytoma. A case report*. 3rd Intercontinental Congress of Pathology, 16-22 mai 2008, Barcelona, Spania, rezumat publicat in Virchow Archive, Suppl 1, P491, S253
 16. **Cimpean AM**, Raica M, Gurzu S, Jung I. *Podoplanin expression and lymphatic microvessel density in colorectal carcinomas. Correlations with histopathologic types*. 3rd Intercontinental Congress of Pathology, 16-22 mai, Barcelona, Spania, rezumat publicat in Virchow Archive, Suppl 1, p383, S139, pg:1, 2008
 17. Suci C, **Cimpean AM** , Izvernariu D, Raica M. *E Cadherin expression in invasive breast cancer correlate with grade of the tumor*. 3rd Intercontinental Congress of Pathology, 16-22 mai, Barcelona, Spania, rezumat publicat in Virchow Archive, Suppl 1, pp:228, S139, pg:1, 2008
 18. Gurzu S, **Cimpean AM**, Raica M, Jung I, Mezei T, Azamfirei L. *Angiogenesis and vessels maturation grade in colorectal carcinomas*. 3rd Intercontinental Congress of Pathology, 16-22 mai, Barcelona, Spania, rezumat publicat in Virchow Archive, Suppl 1, pp:381, S139, pg:1, 2008
 19. Gurzu S, Jung I, Szentirmay J, Pavai Z, **Cimpean AM**, Raica M. *The aspect of endothelial area in colorectal carcinomas*. 27th Congress of International Academy of Pathology, 12-17 octombrie, Atena, rezumat publicat în Histopathology, 53, Sp Issue 1, pp:136-137, pg.2, 2008.
 20. Ceaușu R, Jung I, Gurzu S, **Cimpean AM**, Raica M. *Expression of VEGF and VEGF receptors in liver metastasis from colon*. XXInternational symposium on Morphological Sciences, Timișoara, 12-16 Septembrie , P54, pg:1,2008
 21. Gaje P, **Cimpean AM**, Bocan V, Ceausu R, Suci C, Raica M. *The determination and the distribution of mast cells in the mammary gland comparatively in alcian blue safranin and anti triptase antibody staining*. XXInternational symposium on Morphological Sciences, Timișoara, Romania, 12-16 Septembrie, P82, pg:1, 2008
 22. **Cimpean AM**, Raica M. *Microvessel density, pro and contra*. XXInternational symposium on Morphological Sciences, Timisoara, Romania, 12-16Septembrie, P65, pg 1, 2008
 23. Mezei T, Gurzu S, **Cimpean AM**, Raica M. *Angiogenesis in malignant lymphomas and ways to measure it*. XXInternational symposium on Morphological Sciences, Timisoara, Romania, 12-16Septembrie, pp 165, pg:1, 2008.
 24. Sarb S, Raica M, **Cimpean AM**. *Tie 2 and CD133 expression in the human embryo mesenchyme*. XXInternational symposium on Morphological Sciences, Timisoara, Romania, 12-16Septembrie, pp 232, pg:1, 2008.
 25. Miclea F, **Cimpean AM**, Bocan V, Raica M.- *Apoptosis and DNA repair in hormone sensitive and insensitive prostate carcinoma*, Annual EAU Congress, Berlin, 21-24 March, rezumat publicat în European Urology Supplements , 6(2), pp: 47, pg1,2007
 26. Koreck A, Szecheny A, **Cimpean A**, Bella Z, Garaczi E, Raica M, Rasko I, Kemeny L. *DNA damage and repair in nasal mucosa after rinophototherapy*. **26th Congress of the European-Academy-of-Allergology-and-Clinical-Immunology**, Allergy, Suppl 83, 62, pp230-231, pg:2, 2007.
 27. Raica M, **Cimpean AM**. *Immunohistochemical expression of vascular endothelial growth factor does not correlate with microvessel density in renal cell carcinoma*. 2nd European Conference on Tumor Angiogenesis and

Antiangiogenic Therapy, septembrie Munchen, Germania, rezumat publicat în *Angiogenesis*, Springer, Suppl.1, vol.9, pp.24-25, pg:2, 2006

28. **Cimpean AM**, Raica M, Encica M, Cornea M, Bocan V. *Immunohistochemical expression of vascular endothelial growth factor in normal and pathologic conditions of the human thymus*. 2nd European Conference on Tumor Angiogenesis and Antiangiogenic Therapy, septembrie Munchen, Germania, rezumat publicat în *Angiogenesis*, Springer, Suppl.1, vol.9, pp.24, pg:1, 2006
29. **Cimpean AM**, Raica M., Suci C. *CD105/Smooth muscle actin double immunostaining discriminate between immature and mature tumor blood vessels*. 17 th Ljudevit Jurak International Symposium on Comparative Pathology, Zagreb, Croația, rezumat publicat în *Acta Clin Croatia*. Vol 45, Suppl.1, pp. 48, pg.1, 2006
30. Raica M, **Cimpean AM**, Martin V., Mederle O. *The proliferative activity of endothelial cells assessed by the immunohistochemical expression of Ki 67 and PCNA in soft tissue tumors-associated angiogenesis*. 17 th Ljudevit Jurak International Symposium on Comparative Pathology, Zagreb, Croația, rezumat publicat în *Acta Clin Croatia*. Vol 45, Suppl.1, p. 47, 2006.
31. Mederle O., Ioanovici S., Raica M., **Cimpean AM**, Izvernariu D. *Microvessel density and mast cell density correlate with the immunohistochemical expression of vascular endothelial growth factor in gastric carcinoma*. 17 th Ljudevit Jurak International Symposium on Comparative Pathology, Zagreb, Croația, rezumat publicat în *Acta Clin Croatia*. Vol 45, Suppl.1, pp. 38, pg:1, 2006.

V.3. Abstracts published in national conferences abstract books.

1. Ceaușu R, **Cimpean AM**, Gaje P, Mederle O, Gurzu S, Jung I, Raica M. *Expresia dublei imunocolorări CD105/Ki67 în metastazele hepatice ale cancerului de colon*. Al VIII Simpozion Național al Societății Române de Morfologie, Craiova, 26-30 mai, volum rezumate, P48, pg:1, 2009
2. Gaje P, **Cimpean AM**, Ceaușu R. *Reacția mastocitară în tumori maligne din regiunea capului și gâtului*. Al VIII Simpozion Național al Societății Române de Morfologie, Craiova, 26-30 mai, volum rezumate, p79, pg.1, 2009
3. **Cimpean AM**, Raica M, Ceaușu R, Gaje P, Encică S. *Expresia PDGF, PDGFR alfa și FGFR3 în timusul uman normal și tumorile timice*. Al VIII Simpozion Național al Societății Române de Morfologie, Craiova, 26-30 mai, p70, pg 1, 2009
4. Izvernariu DA, **Cimpean AM**, Suci C, Raica M. *Morphometric patterning of lymphatic vessels in breast cancer. Correlation with VEGF-C expression and lymph node involvement*. Al VIII Simpozion Național al Societății Române de Morfologie, Craiova, 26-30 mai, volum rezumate, p80, pg 1, 2009
5. Iancu C, Glăja R, Izvernariu DA, **Cimpean AM**, Lazăr E, Nicodin A. *Sclerosing hemangioma of the lung. A case presentation*. Al VIII Simpozion Național al Societății Române de Morfologie, Craiova, 26-30 mai, volum rezumate, p197, pg 1, 2009
6. Muresan A, Lazar E, Dema A, Corneanu M, Raica M, Suci C, **Cimpean AM**, Cirorboreanu R, Sargan I. *Utilitatea determinării proteinei P53 IN carcinomanele invazive de glanda mamară*. IX lea Congres Național al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate, p:268, pg:1, 2008
7. Narita D, Raica M, Motoc M, **Cimpean AM**. *Immunophenotypical analysis of ER negative breast carcinomas*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate, p269, pg 1, 2008
8. **Cimpean AM**, Suci C, Ceausu R, Tatucu D, *The immunohistochemical expression of VEGF and VEGFR2 in molecular types of breast cancer*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum de rezumate, p.92, pg:1, 2008

9. **Cimpean AM**, Raica M, Anghel A, Ceausu R, Gaje P, Ferician O, Sarb S, Seclaman E, Tatu D. *Macroscopic and microscopic effects of pBA1st VEGF on chick chorioallantoic membrane*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate p93, pg:1, 2008
10. Sarb S, Raica M, Ferician O, **Cimpean AM**, Ceausu R, Tatu D. *Progenitor endothelial cells identification in the human embryo mesenchyme*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate p93, 2008
11. Raica M, Suci C, **Cimpean AM**. *From the conventional pathologic diagnosis to the molecular classification of breast carcinomas: are we ready for change*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate, p.135, pg 1, 2008
12. Izvernariu D, Carligeriu L, Gaje P, **Cimpean AM**, Bocan V. *Correlation of mast cells density with lymphatic vessels density in lip carcinomas*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate p.106, pg.1, 2008
13. Izvernariu D, Muresan A, **Cimpean AM**, Suci C. *Possible involvement of the mast cells in intranodal lymphangiogenesis during breast cancer spreading*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate p.107, pg.1, 2008
14. Gurzu S, Jung I, Mezei T, **Cimpean AM**, Raica M, Szentirmay Z. *The correlation between angiogenesis, lymph node status and localosation of the colon segments in colorectal carcinomas*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, p.102, pg.1, 2008
15. Gaje P, **Cimpean AM**, Bocan V, Ceausu R, Izvernariu D, Suci C. *Determinarea distribuției și densității mastocitelir în tumorile glandei mamare în coloratiile AAS și anti triptază mastocitară*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, p.100,pg.1, 2008
16. Gaje P, **Cimpean AM**, Ceausu R, Bocan V, Izvernariu D. *Identificarea simultană a mastocitelor și vaselor sanguine în tumorile maligne gastrice*. Al IX lea Congres Notional al Societății Române de Morfologie, Craiova, 28-31 mai, volum rezumate p.99,pg.1, 2008
17. Bocan V, Gaje P, Ceausu R, **Cimpean AM**, Izvernariu D; Tatu D. *Corelatia între microdensitatea vasculară și indexul de proliferare în tumorile maligne gastrice*. IX lea Congres National al Societății Române de Morfologie, Craiova, 28-31 mai, p.84 ,pg.1, 2008
18. Bocan V, **Cimpean AM**, Koreck A, Gaje P, Streian F, Raica M. *Expresia dimerilor de timină în tumorile maligne ale buzei*. Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, volum rezumate p.31, pg.1, 2006.
19. **Cimpean AM**, Raica M, Izvernariu DA, Tătucu D., *Immunohistochemical expression of podoplanin; comparison of immunostaining with three different detection systems*. Conferința Memodic, 12-15 aprilie, rezumat publicat în Revista de Medicină și Farmacie a UMF Tg Mureș, 53, p: 31,pg.1, 2007
20. Raica M, **Cimpean AM**. *Imunohistochimia în angiogeneza tumorală: ce ne spune și ce nu ne spune*. Conferința Memodic, 12-15 aprilie, rezumat publicat în Revista de Medicină și Farmacie a UMF Tg Mureș, 53, p: 22,pg.1, 2007
21. Raica M, **Cimpean AM**. *Clinical significance of vascular endothelial growth factor (VEGF) immunohistochemical expression in solid tumors*. Fiziologia, 17, p:6,pg.1 volum de rezumate al conferinței naționale Endothelial cell and tumor angiogenesis, Timișoara, 19-21 aprilie, 2007
22. **Cimpean AM**, Raica M. *Heterogeneity of tumor blood vessels: clinical and therapeutic aspects*. Fiziologia, 17:p9, pg.1 volum de rezumate al conferinței naționale Endothelial cell and tumor angiogenesis, Timișoara, 19-21 aprilie, 2007.

23. **Cîmpean AM**, Raica M, Anghel A, Seclaman E, Olimpiu F, Gaje P, Ferician O, Tătucu D.- *The effect of pBLAST49-hVEGF on vasculature of chick chorioallantoic membrane*. Fiziologia, 17:p10, pg.1,volum de rezumate al conferinței naționale Endothelial cell and tumor angiogenesis, Timișoara,19-21 aprilie 2007
24. Raica M, Alexa A, **Cîmpean AM**, Baneth V. – *Endothelial cell proliferation rate during angiogenesis in soft tissue tumors*. Fiziologia, 17:p10-11, pg.1, volum de rezumate al conferinței naționale Endothelial cell and tumor angiogenesis, Timișoara,19-21 aprilie 2007
25. Izvernariu DA, **Cîmpean AM**, Raica M.- *Simultaneous assessment of lymphatic vessel density and mast cell density by combined immunohistochemical and histochemical methods in lip tumours*. Fiziologia, 17:p14, pg.1, volum de rezumate al conferinței naționale Endothelial cell and tumor angiogenesis, Timișoara,19-21 aprilie 2007
26. **Cîmpean AM**, Raica M, Koreck A.- *Expresia dimerilor de timină și a markerilor pentru apoptoză în piele și mucoasa nazală.*, volum rezumate Al- VII-lea Simpozion de morfologie microscopică, Craiova, 16-20 mai., p27, pg.1, 2007
27. Alexa A, Raica M, **Cîmpean AM**.- *Variante particulare ale involuției timusului.*, volum rezumate Al- VII-lea Simpozion de morfologie microscopică, Craiova, 16-20 mai., p27, pg.1,2007.
28. **Cîmpean AM**, Encică S, Raica M.-*Displazia timică neclasificabilă. Prezentare de caz.*, volum rezumate Al- VII-lea Simpozion de morfologie microscopică, Craiova, 16-20 mai., p70., pg.1, 2007
29. Raica M., **Cîmpean AM**. *Implicațiile prognostice și terapeutice ale angiogenezei în tumorile colorectale*. Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.31,pg.1, 2006.
30. **Cîmpean AM**, Raica M., Encică S, Bocan V, Cornea R.,Izvernariu D.A. *VEGF în timusul normal și patologic*. Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.38, pg.1, 2006.
31. Gaje P, **Cîmpean AM**, Bocan V, Izvernariu D.A.,Streian F.,Raica M. *Demonstrarea simultană a mastocitelor și vaselor sanguine prin metoda combinată CD34-AAS în tumorile buzei*. Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.40, pg.1, 2006.
32. Izvernariu D.A., Raica M., **Cîmpean AM**, Gaje P, Bocan V. *Angiogeneza în cancerul gastric: microdensitatea vasculară în corelație cu reacția mastocitară și expresia VEGF-A*. Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.43, pg.1, 2006.
33. Cornea R., Dema A, Cornianu M, **Cîmpean AM**, Bocan V, Raica M.. *Timus ectopic adjacent tiroidei și paratiroidei. Prezentare a două cazuri* Al XXXVII-lea Simpozion de Morfologie Normală și Patologică, Al VI-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.71, pg.1, 2006.
34. Raica M., Encică S, **Cîmpean AM**. *Variantă neobișnuită de corpuscul Hassall în timusul uman normal*. Al XXXV-lea Simpozion de Morfologie Normală și Patologică, Al IV-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.186, pg.1, 2006.
35. **Cîmpean AM**, Raica M, Suci C, Izvernariu D – *Contribuții la diferențierea vaselor imature și mature în angiogeneza tumorală*. Simpozionul de Morfologie Microscopică, Craiova, 12-15 Mai, p.31, pg.1, 2005.
36. Mederle O, Izvernariu D, Raica M, **Cîmpean AM** – *Evaluarea studiului angiogenezei placentare la termen*. Simpozionul de Morfologie Microscopică, Craiova, 12-15 Mai, p.80, pg.1, 2005.
37. Raica M, **Cîmpean AM**, Narița D – *Semnificația diagnostică a expresiei CD34 și actinei de tip mușchi neted în tumorile mamare benigne și maligne*. Simpozionul de Morfologie Microscopică, Craiova, 12-15 Mai, rezumat p.120, pg.1, 2005.

38. Mocanu L, **Cîmpean AM**, Raica M. *Valoarea HBME-1 în diagnosticul pleureziilor inflamatorii și maligne.* Simpozionul de Morfologie Microscopică, Craiova, 12-15 Mai, p.85, pg.1, 2005.
39. Raica M, **Cîmpean AM**. *Celula endotelială țintă pentru terapia antiangiogenică.* Al XXXV-lea Simpozion de Morfologie Normală și Patologică, Al IV-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.60-62, pg.2, 2004.
40. **Cîmpean AM**, Raica M, Encică S, *Microdensitatea vasculară în timusul normal, tumorile timice și miastenia gravis.* Al XXXV-lea Simpozion de Morfologie Normală și Patologică, Al IV-lea Simpozion de Morfologie Microscopică, Craiova, rezumat p.107, pg.1, 2004,.
41. **Cîmpean A**, Raica M, Herman I. *Microdensitatea vasculară în cancerul prostatei în stadiul avansat.* Al III-lea Simpozion de Morfologie Microscopică cu participare internațională, Craiova, rezumat p.193, pg.1, 2003.

V.4. Oral presentations at international conferences.

- 1.
2. **Cîmpean AM**, Raica M, Sava-Poenaru M. The molecular profile of human pterygium-do will need it or not? International Journal Of Molecular Medicine Volume: 30 Supplement: 1 Pages: S14-S14 Meeting Abstract: 137 , 2012, Creta, Greece.
3. Raica M, **Cîmpean AM**, Gaje P. Semnificația clinică a clasificării moleculare a cancerului mamar. Congresul III Național de Oncologie, Chișinău, volum de rezumate, p61, pg.1, 2010.
4. **Cîmpean AM**, Raica M. The chick embryo chorioallantoic membrane as an in vivo model to study tumor angiogenesis and metastasis. 8th International Conference of Anticancer Research, Kos, Greece, October 17-22, vol.28, 5C, 2008
5. Raica M, **Cîmpean AM**. Lymphangiogenesis as a potential target for tumor therapy. 8th International Conference of Anticancer Research, Kos, Greece, October 17-22, vol.28, 5C, 2008
6. **Cîmpean AM**, Raica M, Suciuc C, Ceaușu R. *VEGF and its receptor VEGFR2 as potential markers for molecular classification of breast cancer.* Actualități în diagnosticul și tratamentul contemporan al tumorilor organelor reproductive la femei. Simpozion dedicat prof. Bohman., Chișinău ,p188, pg.1, , 2008.
7. Raica M, Suciuc C, **Cîmpean AM**. *Impactul prognostic și terapeutic al clasificării moleculare a cancerului mamar.* Actualități în diagnosticul și tratamentul contemporan al tumorilor organelor reproductive la femei. Simpozion dedicat prof. Bohman., Chișinău ,p187, pg.1, 2008.

V.5. Lectures for students and participant as lector at postgraduate courses .

1. **Cîmpean AM**. *Curs de Imunomorfologie pentru studenții anului II Medicină Generală.* Litografia UMF Timișoara, octombrie 2009
2. Raica M, Căruntu ID, **Cîmpean AM**, Suciuc C. *Histologia organelor, curs pentru studenții anului II Medicină Generală, Lito UMF "Victor Babeș" Timișoara, 2009*
3. Raica M, Encică S, **Cîmpean AM**, Scridon T, Simu G, Bârsan M, Suciuc C. *Patologia timusului. Manual curs postuniversitar, Lito UMF Timișoara februarie, 2007,*
4. Raica M, **Cîmpean AM**, Lazăr E, Căruntu ID, Suciuc C, Alexa A, Mederle O, Gaje p, Mărgăritescu C. *Izvernariu D. Celula endotelială și angiogeneza tumorală. Manualul Cursului. Lito UMF Timișoara, aprilie 2007*
5. Raica M, **Cîmpean AM**, Suciuc C. *Imunohistochimie: tehnică, interpretare și implicații în diagnosticul microscopic al tumorilor maligne.* Chișinău, Republica Moldova, 2006

6. Raica M, Mederle O, Suciu C, **Cimpean AM**, Gaje P. Histologia pentru patolog. Curs postuniversitar, Cluj Napoca, 2006.
7. Lazăr E, Jung I, Raica M, Nica C, Simu G, Lazăr E, Coculescu M, Anghel A, Roșianu AM, Dema A, Mărgăritescu C, Nica C, Suciu C, Gyenes C, Glăja R, **Cimpean AM**, Sava A, Poiana C. Patologia tumorilor mamare: implicații diagnostice, prognostice și terapeutice, Lito UMF Timișoara, aprilie 2005.
8. Raica M. Dema E, Alexa A, Iacovliev M, Sîrb S, Mederle O, **Cimpean AM**. Citologie clinică volumul II. Editura Mirton, 1996.

