

PERSONAL INFORMATION

Anca Maria Cimpean



<https://www.umft.ro/ro/facultati/facultatea-de-medicina/departamente-facultatea-de-medicina/departamentul-ii-morfologie-microscopica/histologie/>

WORK EXPERIENCE

2014 to present

**Full Professor of Histology**

DEPARTMENT OF MICROSCOPIC MORPHOLOGY/HISTOLOGY, ANGIOGENESIS RESEARCH CENTER, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

- Main activities and responsibilities: teaching human histology for 2<sup>nd</sup> year medical students general medicine and 1<sup>st</sup> year medical students from Dental Medicine Faculty

2011-2014

**Associate Professor of Histology**

DEPARTMENT OF MICROSCOPIC MORPHOLOGY/HISTOLOGY, ANGIOGENESIS RESEARCH CENTER, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

Main activities and responsibilities: teaching human histology for 2<sup>nd</sup> year medical students general medicine and 1<sup>st</sup> year medical students from Dental Medicine Faculty

2008-2011

**Lecturer Assistant of Histology**

DEPARTMENT OF MICROSCOPIC MORPHOLOGY/HISTOLOGY, ANGIOGENESIS RESEARCH CENTER, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

Main activities and responsibilities: teaching human histology for 2<sup>nd</sup> year medical students general medicine and 1<sup>st</sup> year medical students from Dental Medicine Faculty

2004-2008

**Teaching Assistant of Histology**

DEPARTMENT OF MICROSCOPIC MORPHOLOGY/HISTOLOGY, ANGIOGENESIS RESEARCH CENTER, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

Main activities and responsibilities: teaching human histology for 2<sup>nd</sup> year medical students general medicine and 1<sup>st</sup> year medical students from Dental Medicine Faculty

2002-2004

**Research Assistant**

DEPARTMENT OF MICROSCOPIC MORPHOLOGY/HISTOLOGY, ANGIOGENESIS RESEARCH CENTER, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

Main activities and responsibilities: histology, microscopy (brightfield, fluorescence, confocal) immunohistochemistry, cell cultures, experimental mouse, rabbit and chorioallantoic membrane models

EDUCATION AND TRAINING

Starting from June 1<sup>st</sup>, 2024 to May 2028)

**Residency in Medical Genetics**

DEPARTMENT OF HUMAN GENETICS/LOUIS TURCANU CHILDREN HOSPITAL, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA, ROMANIA

October 2013  
2010-present  
2004-2009

**HABILITATION THESIS DISSERTATION  
SPECIALIST IN ANATOMIC PATHOLOGY**

RESIDENCY IN ANATOMIC PATHOLOGY, "VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, DEPARTMENT OF HISTOLOGY AND CYTOLOGY, TIMISOARA, ROMANIA  
RESEARCH ACTIVITY IN THE FIELD OF TUMOR AND NON-TUMOR ANGIOGENESIS  
WORK IN IMMUNOHISTOCHEMISTRY LAB OF HISTOLOGY AND CYTOLOGY DEPARTMENT, DEVELOPE OF SPECIAL SKILLS FOR AUTOMATED AND MANUAL IMMUNOHISTOCHEMICAL PROCEDURES, ANTIBODIES STANDARDIZATION.

March 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.

July 2007

PhD THESIS DISSERTATION ENTITLED „CHARACTERIZATION OF THE MALIGNANT TUMORS ANGIOGENIC PHENOTYPE AND ITS CLINICAL AND EXPERIMENTAL MODULATION

November 2017  
2002-2007  
1998-2002

TRAINING IN EXPERIMENTAL CHICK EMBRYO CHORIOALLANTOIC MEMBRANE BASED MODEL - MEDICAL UNIVERSITY OF BARI, ITALY-REFERENCES REQUEST MAY BE ADDRESSED TO PROFESSOR DOMENICO RIBATTI  
PHD STUDENT IN HISTOLOGY AND TUMOR ANGIOGENESIS  
RESIDENCY IN FAMILY MEDICINE

PERSONAL SKILLS

HISTOLOGY and PATHOLOGY TECHNIQUES, ELECTRON MICROSCOPY, GENERAL MEDICINE PRACTICAL SKILLS, IMMUNOHISTOCHEMISTRY, MOLECULAR DIAGNOSTIC METHODS, EXPERIMENTAL MODELS FOR TUMOR ANGIOGENESIS, MEDICAL EDUCATION FOR UNDERGRADUATE AND POSTGRADUATE STUDENTS, PhD SUPERVISOR, MEDICAL WRITING, MEDICAL STUDENTS SUPERVISOR, TISSUE MICROARRAY TECHNIQUES, RNAscope and BASEscope METHODS, USE OF ARTIFICIAL INTELLIGENCE BASED TECHNIQUES FOR THE EVALUATION AND INTERPRETATION OF MICROSCOPIC SLIDES FOR PATHOLOGY AND RESEARCH. EXTENSIVE EXPERTISE IN THE ORGAN ON A CHIP/MICROFLUIDIC BASED EXPERIMENTAL MODEL FOR CO-CULTURE OF MESENCYMAL AND MALIGNANT CELLS IN A CONTINUOUS PERFUSED MICROENVIRONMENT, VIRTUAL MICROSCOPY, TISSUE MICROARRAY TECHNIQUES, APOTOME BASED MICROSCOPY TECHNIQUES, DNA/RNA EXTRACTION and TaqMan ARRAY METHODS.

MOTHER TONGUE(S)

ROMANIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B2	B2	B2	B2	B1
GERMAN	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

FELLOWSHIPS,  
LICENCES, CERTIFICATIONS  
AND AWARDS

2018  
2018  
2016  
2016  
2016  
2015  
2012 to PRESENT  
2012 to PRESENT

**AMEE ESCEL MASTERCLASS**-AMEE - An International Association for Medical Education.  
**AMEE RASME MASTERCLASS**- AMEE - An International Association for Medical Education  
**AWARD FOR ACADEMIC EXCELLENCE**- SALZBURG CLEVELAND PATHOLOGY SEMINAR, AUSTRIA,- American Austrian Foundation  
**AWARD FOR EXCELLENT CASE PRESENTATION**, SALZBURG CLEVELAND PATHOLOGY SEMINAR, AUSTRIA-American Austrian Foundation  
**FELLOWSHIP IN PATHOLOGY.I**- SALZBURG CLEVELAND PATHOLOGY SEMINAR, AUSTRIA-American Austrian Foundation  
**FELLOWSHIP IN PATHOLOGY.II**- SALZBURG CLEVELAND PATHOLOGY SEMINAR, AUSTRIA-American Austrian Foundation  
**EUROPEAN EVALUATOR CERTIFICATE FOR:** ERANet-LAC (BARCELONA, SPAIN, BRUXELLES, BELGIUM), DEUTSCHES ZENTRUM FUR LUFT UND RAUMFAHRT, FECYT (ISRAEL), ERA4Health (Paris, France, 2023).  
**UEFISCDI evaluators GROUP** as Romanian national evaluator for research projects: [www.brainmap.ro](http://www.brainmap.ro)

RESEARCH PROJECTS

**P1. Cimpean 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, AMOSDRU: E9781/20.12.2010., Amount 2.000.000 Euro, 2010-2013.  
**P2. Cimpean 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. Cimpean Anca Maria- participant.** Chemokine profiles correlated with tumor phenotype, metastatic status and development of resistance to therapy in breast cancer. Idei 1197/2009.  
**P4. Cimpean Anca Maria- project manager.** Mobilites fellow. CNCSIS, Human resources, 222/2009. Amount: 1500 Euro, 2009  
**P5. Cimpean 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. Cimpean Anca Maria- participant. Laborator for breast cancer molecular diagnosis.**  
 PNII/Capacitati, Cod 96/2007, Amount: 500000 Euro, 2007-2009.

**P7. Cimpean 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. Cimpean 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. Cimpean Anca Maria-participant.** Angiogenic phenotype of malignant tumors. Clinicopathologic and experimental study. 1193/2004. 100.000 Euro, 2004-2006

**P10. Cimpean 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. Cimpean 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. Cimpean Anca Maria-participant.** Lymphangiogenesis in molecular types of breast cancer as a prerequisite for their metastasis. 500.000 Euro, 2011-2015.

MEMBERSHIP FOR RESEARCH CENTERS, EDITORIAL BOARD AND ASSOCIATION AND PEER REVIEWER

**MEMBER OF:** ROMANIAN SOCIETY OF NORMAL AND PATHOLOGY MORPHOLOGY, EUROPEAN SOCIETY OF MEDICAL ONCOLOGY, ROMANIAN ASSOCIATION OF SCIENTIFIC EDITORS, EUROPEAN ASSOCIATION OF SCIENTIFIC EDITORS, CENTER FOR EXPERTISE IN RARE VASCULAR DISEASE, LOUIS TURCANU CHILDREN HOSPITAL TIMISOARA, ROMANIA , ANGIOGENESIS RESEARCH CENTER TIMISOARA, ROMANIA.

**EDITORIAL BOARD MEMBER OF :** SCIENTIFIC REPORTS JOURNAL, FRONTIERS IN ONCOLOGY, WORLD JOURNAL OF RESPIROLOGY, RESEARCH AND CLINICAL MEDICINE, JOURNAL OF PHARMACOLOGICAL RESEARCH, AMERICAN JOURNAL OF HUMAN PATHOLOGY, AMERICAN JOURNAL OF EXPERIMENTAL BIOLOGY, JOURNAL OF DISEASE MARKERS, ADVANCES IN ANATOMY, APERITO JOURNAL OF CELLULAR AND MOLECULAR BIOLOGY, AUSTIN BIOMARKERS AND DIAGNOSIS, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES- Topic Editor, ARTIFICIAL INTELLIGENCE IN CANCER

**PEER REVIEWER FOR MORE THEN 200 JOURNALS:** (see to the link <https://www.webofscience.com/wos/author/record/787118> )

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
PROFICIENT USER	INDEPENDENT USER	PROFICIENT USER	PROFICIENT USER	INDEPENDENT USER

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

ADDITIONAL INFORMATION

PUBLICATIONS & CITATIONS

**FULL LIST OF PUBLICATIONS AND CITATIONS AT:** <https://www.webofscience.com/wos/author/record/787118>

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

CITATIONS in INTERNATIONAL BOOKS

Metastasis of Breast Cancer - Pag 256. Robert E. Mansel, Oystein Fodstad, Wen G. Jiang – 2009, SPRINGER, Tumor Microenvironment - Pag 417, Dietmar W. Siemann – 2010, Wiley Blackwell

Urologic surgical pathology - Pag 378. David G. Bostwick, Liang Cheng – 2008, MOSBY, Elsevier  
 Pre-Invasive Disease: Pathogenesis and Clinical Management – Pag. 312, Rebecca C. Fitzgerald – 2010, SPRINGER  
 Recent Developments In Computing And Its Applications, Pag 491, M. Afshar Alam, Tamanna Siddiqui, K.R. Seeja – 2009, International Publishing House  
 Recent Advances in Angiogenesis and Antiangiogenesis, Pag 52, edited by Domenico Ribatti, 2009, Bentham Science Publisher  
 Receptor Protein-Tyrosine Kinases: Advances in Research and ... - Page 183, Q Asthon Acton, Scholarly Editions, 2012  
 Cancer Stem Cells in Solid Tumors, pag. 457, edited by Alison L. Allan, 2011  
 Kallikrein-related peptidases: Characterization, regulation, and ...edited by Viktor Magdolen, Christian P. Sommerhoff, Hans Fritz, Manfred Schmitt,  
 Paraneoplastic Syndromes, pag 268 By Robert B. Darnell, Jerome B. Posner, Oxford, University Press, 2011  
 Tumor Angiogenesis Regulators pag. 200,edited by Ruben R. Gonzalez-perez, Bo R. Rueda, 2013  
 Pathology of the Mediastinum - Page 100, edited by Alberto M. Marchevsky, Mark R. Wick, Cambridge University Press, 2014  
 Diagnostic Immunohistochemistry, page 129, By David J Dabbs, Elsevier, Saunders, 2013  
 Rosai and Ackerman's Surgical Pathology 10e, by Juan Rosai, 2011  
 Essentials of Electrodiagnostic Medicine, By William W. Campbell, Demos Medical Publishing, 2013  
 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](http://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](http://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](http://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](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](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) Podooplanin / gp36 antibody [18H5] <http://www.abcam.com/Podooplanin-gp36-antibody-18H5-ab10288.html>  
 Address of the researcherid.com profile: C-4094-2011, <http://www.researcherid.com/rid/C-4094-2011>

NATIONAL AND INTERNATIONAL BOOKS/CHAPTERS IN BOOKS

#### National books

1. Marius Raica, **Anca Maria Cimpean**, Puşa Gaje, Domenico Ribatti. *Angiogeneza și limfangiogeneza tumorală*. Editura "Victor Babeș" 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 tumoralii in cancerul de sin*, Editura Eurobit Timisoara, ISBN 978-973-620-315-2, 2007

#### Book chapters published in international books

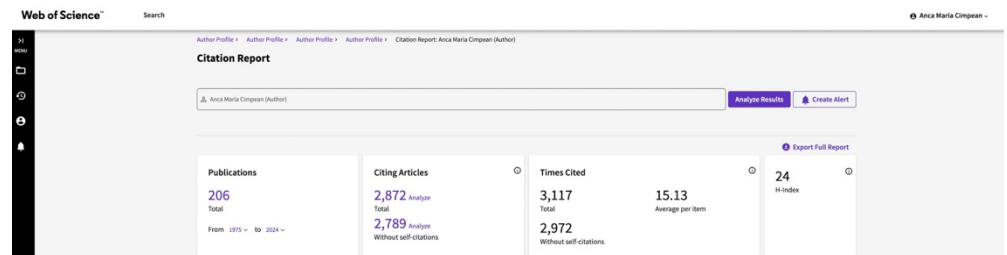
1. Raica M, **Cimpean AM**. Thymus and angiogenesis in Recent advances in angiogenesis and antiangiogenesis, Bentham Publisher, USA, eISSN 978-1-60805-004-8, 2009.
2. Sarb S, Raica M, **Cimpean AM**. Human Embryonic Blood Vessels: What Do They Tell Us About Vasculogenesis and Angiogenesis? Vasculogenesis 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

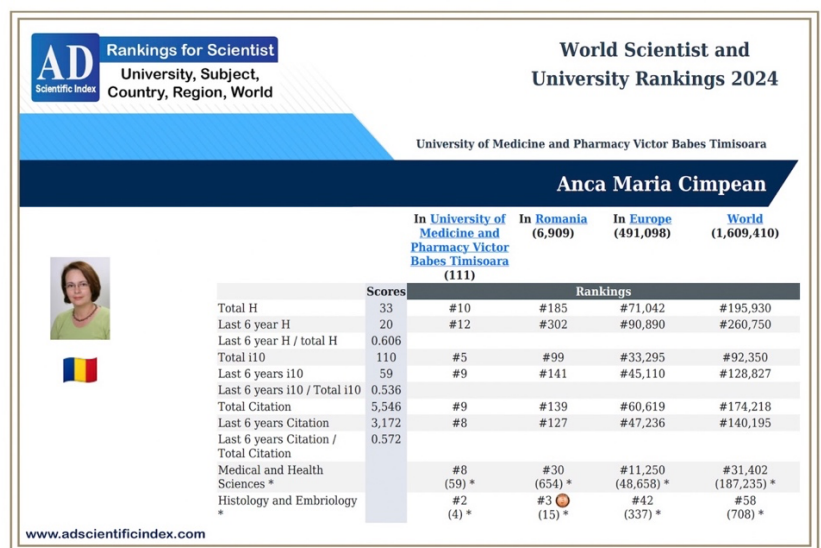
5. **Cimpean AM**, Sava-Poenaru M, Raica M. Angiogenesis and Lymphangiogenesis as Molecular Therapeutic Targets in Human Pterygium And Its Recurrences. Chapter 10 in „Angiogenesis: Insights from a Systematic Overview”, ISBN: 978-1-62618-114-4, Editor Gaetano Santulli (Columbia University Medical Center, 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
8. **Cimpean AM**, Jitariu AA, Raica M. Growth Factors and Their Corresponding Receptors as Targets for Ovarian Cancer Therapy. Chapter 11. In book: Ovarian Cancer Immunotherapy. Edited by Samir Fargaly at Oxford University Press. ISBN: 9780190248208
9. Ceausu RA, Boia ER, Boia ES, **Cimpean AM**, Raica M. Toward a Molecular Classification of the Head and Neck Squamous Cell Carcinoma. Surgical Management of Head and Neck Pathologies, IntechOpen, 13 Oct. 2021. Crossref, doi:10.5772/intechopen.93982.
10. **Cimpean AM**, Raica M. Historical Overview of IN Vivo and In Vitro Angiogenesis Assays. Chapter 1 in Book: VASCULAR MORPHOGENESIS METHODS AND PROTOCOLS, Methods in Molecular Biology 2206, Springer Protocols, Edited by Domenico Ribatti for Humana Press/Springer Nature, 2021. ISBN 978-1-0716-0915-6
11. Bloanca V, Crainiceanu Z, Bratu T, Agovino A, and **Cimpean AM**. The Role of Adipose Tissue Graft on Nerve Regeneration from the Perspective of the AdiposeDerived Stem Cell. IN Book: Plastic and Aesthetic Regenerative Surgery and Fat Grafting, SPRINGER, ISBN 978-3-030-77454-7

ANNEXES

ACADEMIC METRICS



[https://scholar.google.com/citations?hl=en&user=34bYy9wAAAAJ&view\\_op=list\\_works&sortBy=pubdate](https://scholar.google.com/citations?hl=en&user=34bYy9wAAAAJ&view_op=list_works&sortBy=pubdate)



Date : 25.04.2024 \* Source and Methodology: <https://www.adscientificindex.com/scientist/anca-maria-cimpean/4318391>

Timisoara, May 26, 2024

Anca Maria Cimpean, MD, PhD, Full Professor of Histology, Pathologist