

## LISTĂ LUCRĂRI

### CANDIDAT ȘEF LUCRĂRI DR DUMACHE RALUCA-OANA

#### A. CĂRȚI ȘI CAPITOLE DE CĂRȚI PUBLICATE

1. Sara Palermo and **Raluca Dumache**. Criminology and Post-mortem Studies - Analyzing Criminal Behaviour and Making Medical Decisions. Editura In Tech Open 2021. ISBN 978-1-83962-774-3
2. **Raluca Dumache**, Alexandra Enache. Informed Consent and Medical Decision Making: Ethical Challenges. Heading Towards Humans Again: Aspects of Bioethics in the New Age of Science. Editor Miroslav Radenković. Editura Trivent, seria Ethics in Science and Technology. Budapest 2021
3. **Raluca Dumache**, V.Ciocan, C.Muresan, A.Enache. Molecular genetics and its applications in forensic sciences. Forensic Analysis: From death to justice. Shetty Suresh, Kumar Jagadish. ISBN: 978-953-51-4779-4. InTech Publishing 2016
4. **Raluca Dumache**, A.F. Rogobete, R.T. Minciu. Detection of prostate cancer using epigenetic biomarkers. Lambert Academic Publishing 2016. ISBN 978-3-659-87297-6
5. **Raluca Dumache**. Salivary microRNAs, promising biomarkers in oral squamous cell carcinoma. Eurostampa 2015. ISBN 978-606-32-0051-9
6. Andrei Anghel, Edward Seclaman, Liviu Tamaș, Marilena Motoc, Eugen Sisu, Adriana Kaycsa, Dana David, Corina Samoila, Daniela Grecu, Felicia Sfrijan, Adrian Mihala, Diana Bonte, Cristiana Bujor, Anda Alexa, Camelia Gurban, Alina Șerb, **Raluca Dumache**. Lucrări practice de chimie și biochimie medicală pentru studenții Facultăților de Medicină. Editura Victor Babeș, Timișoara 2014. ISBN 978-606-8456-36-2
7. Andrei Anghel, Edward Seclaman, Liviu Tamaș, Marilena Motoc, Eugen Sisu, Adriana Kaycsa, Dana David, Corina Samoila, Daniela Grecu, Felicia Sfrijan, Adrian Mihala, Diana Bonte, Cristiana Bujor, Anda Alexa, Camelia Gurban, Alina Șerb, **Raluca Dumache**. Lucrări practice de chimie și biochimie medicală pentru studenții Facultăților de Medicină. Editura Victor Babeș, Timișoara 2012. ISBN 978-606-8054-92-6
8. **Raluca Dumache**, Șerban Negru. Carcinogeneza. Curs de Oncologie generală, sub coordonarea Șerban Negru. Editura Victor Babeș, 2011. ISBN 978-606-8054-34-6

#### B. LUCRĂRI IN EXTENSO INDEXATE WEB OF SCIENCE AUTOR PRINCIPAL

1. Talida Georgiana Cut, Veronica Ciocan, Dorin Novacescu, Adrian Voicu, Adelina Raluca Marinescu, Voichita Elena Lazureanu, Camelia Oana Muresan, Alexandra Enache, **Raluca Dumache**. Autopsy Findings and Inflammatory Markers in SARS-CoV-2: A Single-Center Experience. International Journal of General Medicine. <https://doi.org/10.2147/IJGM.S389300>.
2. Talida Cuț, Alexandra Enache, Dorin Novacescu, Adelina Marinescu, Voichita Lazureanu, Corina Paul, Mirela Voicu, Lavinia Stelea, **Dumache Raluca**. Postmortem MicroRNA Signatures as Predictive Markers in SARS-CoV-2 Infection. Clinical Laboratory. 2022; 68(6):1142-1149.
3. **Dumache R**, Enache A, Macasoi I, Dehelean CA, Dumitrascu V, Mihailescu A, Popescu R, Vlad D, Vlad CS, Muresan C. SARS-CoV-2: An Overview of the Genetic Profile and Vaccine Effectiveness of the Five Variants of Concern. Pathogens 2022; 11(5): 1-24.

4. **Dumache R**, Enache A, T. Cut , C. Paul , A. Mihailescu , A. Ionescu, D. Novacescu , A. Marinescu, V. Ciocan, C. Muresan, A. Voicu. Vitamin D, a major risk factor for SARS-CoV-2 severity. *Clinical Laboratory* 2022; 68(3): 455-462.
5. **Dumache R**, Enache A, T. Cut , C. Paul , A. Mihailescu , A. Ionescu, D. Novacescu , A. Marinescu, V. Ciocan, C. Muresan, A. Voicu. Vitamin D, a major risk factor for SARS-CoV-2 severity. *Clinical Laboratory* 2022; 68(3): 455-462.
6. Alexandra Enache, Veronica Ciocan , Camelia Oana Muresan , Talida Georgiana Cut , Dorin Novacescu , Corina Paul , Nicoleta Andreescu , Alexandra Mihailescu, Marius Raica , **Raluca Dumache**. Post-mortem Documentation of SARS-CoV-2 in Utero and Postpartum Transmission, through Amniotic Fluid, Placental, and Pulmonary Tissue RT-PCR. *Appl. Sci.* 2021, 11, 9505.
7. **Raluca Dumache**, D.Stoicănescu, C.Mureșan, V.Ciocan, A.Enache. Circulating cell-free plasma DNA in non-invasive paternity testing with short tandem repeats (STRs). *Clinical. Laboratory.* 2020;66(12): 2521-2525.
8. **R.Dumache**, M.Puiu, A.Mihailescu, A. Enache. Detection of mutations in short tandem repeats (STRs) loci in paternity testing in Romanian population. *Clinical laboratory* 2020; 66(8):1609-1613.
9. **R.Dumache**, M.Puiu, R.Parvanescu, A.F.Rogobete, A. Enache. Advantages of chromosome X-STRs markers in solving a father-daughter paternity case with one mismatch on SE33 locus. *Clinical Laboratory* 2019; 65 (9): 1661-1667.
10. **R.Dumache**, M.Puiu, A.M.Pusztai, R.Parvanescu, A.Enache. A single step mutation at D3S1358 locus in a DNA paternity testing with 2 alleged fathers. *Clinical Laboratory* 2018; 64(9):1561-1571.
11. **R.Dumache**, A.Enache, L.Barbarii, C.Constantinescu, A.Pascalau, C.Jinca, S.Arghirescu. Chimerism monitoring by short tandem repeat (STR) markers in allogeneic stem cell transplantation. *Clinical Laboratory* 2018; 64(9): 1534-1543.
12. **R.Dumache**, V.Ciocan, C.Muresan, A.Enache. Importance of autosomal and Y-STR markers in establishing sibling relationship by DNA genotyping. *Clinical Laboratory* 2018;64(7/8): 1183-1192.
13. **R Dumache**. Early diagnosis of oral squamous cell carcinoma by salivary microRNAs. *Clinical Laboratory* 2017; 63 (11/12): 1771-1776.
14. **R.Dumache**, C.Muresan, V.Ciocan, A.Enache. Post-mortem identification of a fire carbonized body by STR genotyping. *Clinical Laboratory* 2016 ; 62(10): 2033-2037.
15. Radu Minciu, Anca Tudor, Gheorghe Pupca, Livius Daminescu, **Raluca Dumache**. Renal cancer diagnosed by non-invasive methods from body fluids by quantitative methylation-specific PCR (qMSP). *Clinical Laboratory* 2016; 62 (8): 1563-1568.
- 16.**Raluca Dumache**, Alexandru Florin Rogobete, Ovidiu Horea Bedreag, Mirela Sarandan, Alina Carmen Cradigati, Marius Papurica, Corina Maria Dumbuleu, Radu Nartita, and Dorel Sandesc. Use of miRNAs as biomarkers in sepsis. *Analytical Cellular Pathology*. Volume 15 (2015). ISSN 2210-7177.
- 17.**Raluca Dumache**, Alexandru Florin Rogobete, Nicoleta Andreescu, Maria Puiu. Genetic and epigenetic biomarkers of molecular alterations in oral carcinogenesis. *Clinical Laboratory* 2015; 61(10):1373-1381. ISSN 1433-6510.
- 18.**Raluca Dumache**, Veronica Ciocan, Camelia Muresan, Alexandru Florin Rogobete, Alexandra Enache. Circulating microRNAs as promising biomarkers in forensic body fluids identification. *Clinical Laboratory* 2015;61(9):1129-1135. ISSN:1433-6510.
- 19.**Raluca Dumache**, Sorina Popescu, Radu Minciu, Șerban Negru, Maria Puiu. Molecular detection of prostate cancer by methylation-specific polymerase chain reaction from urine specimens. *Journal of Medical Biochemistry* 2013;32(3):233-237. ISSN 1452-8266.

### C. LUCRĂRI IN EXTENSO INDEXATE ISI WEB OF SCIENCE CO-AUTOR

1. Cristina Tudoran, Renata Bende, Felix Bende, Catalina Giurgi-Oncu, Alexandra Enache, **Raluca Dumache**, Mariana Tudoran. Connections between diabetes mellitus and metabolic syndrome and the outcome of cardiac dysfunctions diagnosed during the recovery from COVID-19 in patients without a previous history of cardiovascular diseases. *Biology* 2023,12,370.
2. C Tudoran, F.Bende, R.Bende, C. Giurgi-Oncu, **R.Dumache**, M.Tudoran. Correspondence between aortic and arterial stiffness , and dyastolic dysfunction in apparently healthy females patients with post-acute COVID syndrome. *Biomedicines* 2023, 11; 492.
3. A. Moza, F Duica, P. Antonidias, ES Bernad, D Lungeanu, M Craina, C.Paul, C. Muresan, R. Nitu, **R. Dumache**, D. Iacob. Outcome of newborns with confirmed or possible SARS-CoV-2 vertical infection- A Scoping Review. *Diagnostics* 2023, 13(2), 245.
4. Adelina Raluca Marinescu, Ruxandra Laza , Virgil Filaret Musta , Talida Georgiana Cut, Raluca Dumache (equal contribution), Anca Tudor, Mirela Porosnicu , Voichita Elena Lazureanu, Monica Licker, Clostridium Difficile and COVID-19: General Data, Ribotype, Clinical Form, Treatment-Our Experience from the Largest Infectious Diseases Hospital in Western Romania. *Medicina* 2021, 57, 1099.
5. TG Cut, C Tudoran, VE Lazureanu, AR Marinescu, R Dumache, M Tudoran. Spontaneous Pneumomediastinum, Pneumothorax, Pneumopericardium and Subcutaneous Emphysema—Not So Uncommon Complications in Patients with COVID-19 Pulmonary Infection—A Series of Cases. *J. Clin. Med.* 2021, 10, 1346.
6. CO Muresan, R Zavoi, V Ciocan, **R Dumache**, R Parvanescu, A Enache. Carboxyhemoglobin detection in the periorificial tissues as an accurate method for identifying the gunshot entrance wound. *Rev Chim* 2019; 70(4):1239-1241.
7. Silvius I. Negoita , Dorel Sandesc , Alexandru F. Rogobete , Madalina Dutu , Ovidiu H. Bedreag , Marius Papurica , Muhammed F. Ercisli , Sonia E. Popovici , **Raluca Dumache** , Mihai Sandesc , Anca Dinu , Adriana M. Sas , Denis Serban , Dan Corneci. miRNAs Expressions and Interaction with Biological Systems in Patients with Alzheimer`s Disease. Using miRNAs as a Diagnosis and Prognosis Biomarker. *Clin. Lab.* 2017;63 (9): 1315-1321.
8. Marius Papurica, Alexandru Florin Rogobete, Dorel Sandesc, Mirela Sarandan, Dan Ciprian Crisan, Florin George Horhat, Ovidiu Boruga, **Raluca Dumache**, Kundnani Rajpal Nilima, Razvan Nitu, Horia Stanca, Ovidiu Horea Bedreag. The expression of nuclear transcription factor kappa B (NF-kB) in the case of critically ill polytrauma patient with sepsis and its interactions with microRNAs. A Review. *Biochemical Genetics* 2016; 54(4): 337-347.
9. R.Minciu, **R.Dumache**, G.Pupca, L.Daminescu, A.F.Rogobete, D.Ionescu. Molecular diagnosis of prostate cancer from body fluids using methylation-specific PCR (MSP) by non-invasive methods. *Clinical Laboratory* 2016 ; 62(6):1183-1186. (autor corespondent)
10. M.Papurica, A.F.Rogobete, D.Sandesc, **R.Dumache**, C.A.Cradigati, M.Sarandan. R.Nartita, S.E.Popovici, H.O.Bdreag. Advances in biomarkers in critically ill polytrauma patients. A Review. *Clinical Laboratory* 2016; 62(6): 977-986.
- 11.Ovidiu Horea Bedreag, Dorel Sandesc, Sorin Dan Chiriac, Alexandru Florin Rogobete, Alina Carmen Cradigati, Mirela Sarandan, **Raluca Dumache**, Radu Nartita, Marius Papurica. The Use of Circulating miRNAs as Biomarkers for Oxidative Stress in Critically Ill Polytrauma Patients. *Clin Lab* 2016;62(3):263-74.
12. H.O.Bdreag, A.F.Rogobete, D.Sandesc, A.C.Cradigati, M.Sarandan, S.E.Popovici, **R.Dumache**, F.G.Horhat,C.Vernic, L.V.Sima, L.Luca, M.Papurica. Modulation of the redox expression and inflammation response in the critically ill polytrauma patient with thoracic injury. *Statistical*

- correlations between antioxidant therapy and clinical aspects. A retrospective single centre study. *Clinical Laboratory* 2016;62(9): 1747-1759.
13. L.M.Bratu, A.F.Rogobete M.Papurica, D.Sandesc, C.A.Cradigati, M.Sarandan, **R.Dumache**, S.E.Popovici, D.C.Crisan, H.Stanca, S.Tanasescu, O.H.Bedreag. Literature research regarding miRNAs expression in the assessment and evaluation of the critically ill polytrauma patient with traumatic brain and spinal cord injury. *Clinical Laboratory* 2016; 62(10); 2019-2024.
14. M.Papurica, A.F.Rogobete, D.Sandesc, C.A.Cradigati, M.Sarandan, **R.Dumache**, F.G.Horhat, L.M.Bratu, R.Nitu, D.C.Crisan, D.I.Horhat, E.S.Popovici, S.Tanasescu, V.Daliborca, O.Boruga, O.H.Bedreag. Using the expression of Damage-Associated Molecular Pattern (DAMP) for the evaluation and monitoring of the critically ill polytrauma patient. A review. *Clinical Laboratory* 2016; 62: (10); 1829-1840.
15. O.H.Bedreag, M.Papurica, A.F.Rogobete, D.Sandesc, R.Dumache, Carmen Alina Cradigati, Mirela Sarandan, L.M.Bratu, S.E.Popovici, L.V.Sima. Using circulating miRNAs as biomarkers for the evaluation and monitoring of the mitochondrial damage in the critically ill polytrauma patients. *Clinical Laboratory* 2016 ; 62 (8); 1397-1403.
16. D.Crisan, M.Papurica, A.F.Rogobete, C.A.Cradigati, M.Sarandan, R.Dumache, L.M.Bratu, S.E.Popovici, D.Sandesc, C.Vernic, O.H.Bedreag. Using the expression of miRNAs as biomarkers for the evaluation acute respiratory distress syndrome in the critically ill polytrauma patient. A review. *Clinical Laboratory* 2016; 62 (8); 1405-1411.
17. Marius Papurica, Alexandru F Rogobete, Carmen A Cradigati, Mirela Sarandan, **Raluca Dumache**, Lavinia M Bratu, Sonia E Popovici, Dorel Sandesc, Corina Vernic, Ovidiu H Bedreag. Using the Expression of miRNAs as Biomarkers for the Evaluation Acute Respiratory Distress Syndrome in the Critically Ill Polytrauma Patient. *Clinical Laboratory* 2016; 62(8): 1405-1411.
18. Razvan Bardan, **Raluca Dumache**, Alis Dema, Alin Cumpănăș, Viorel Bucuraș. The role of prostatic inflammation biomarkers in the diagnosis of prostate diseases. *Clinical Biochemistry* 2014;47(10-11):909-915.ISSN:0009-9120.

#### **D.LUCRĂRI PUBLICATE IN EXTENSO ÎN REVISTE INDEXATE IN BAZA DE DATE INTERNAȚIONALE (BDI) PRIM AUTOR**

1. **Dumache Raluca**, Ciocan Veronica, Muresan Camelia Oana, Enache Alexandra. An Ethical Dilemma in SARS-Cov-2 Pandemic: Who Gets the Ventilator? *European Scientific Journal*. Vol 16 No 21 (2020): ESJ Natural/Life/Medical Sciences , 24-31.
2. **R.Dumache**, AF Rogobete, D. Sandesc, OH Bedreag, V. Ciocan, C. Muresan, AT Stan, M. Sandesc, A. Dinu, SE. Popovici, A. Enache. Use of circulating and cellular miRNAs expression in forensic science. *Journal of Interdisciplinary Medicine* 2017; 2(2):235-241
3. **R.Dumache**. D.Ionescu, A.Tudor, A.F. Rogobete, R.Bardan. Multigene methylation analysis and the noninvasive diagnosis of prostate cancer from body fluids. *European Scientific Journal* 3/ 2016. ISSN: 1857-7881. e-ISSN: 1857-7431
4. **R.Dumache**, M.Puiu, V.Ciocan, C.Muresan, A.Enache. Ethical considerations regarding genetic discrimination in the case of Huntington's disease. *European Scientific Journal* , October 2015, vol.11, no.30. ISSN: 1857-7881; e-ISSN: 1857-7431
5. **R.Dumache**, V. Dumitrașcu, S.Negru, A.Tudor, B.Bumbăcilă, M.Puiu. New tumoral biomarkers used in the diagnosis, prognosis and therapeutic approach in prostate cancer. *Balkan Journal of Clinical Laboratory*. XIX,11,1,2010. ISSN: 1310-4543

**E. ARTICOLE PUBLICATE ÎN REZUMAT ÎN REVISTE ISI ȘI VOLUME ALE  
MANIFESTĂRIILOR ȘTIINȚIFICE CU ISBN/ISSN**

**1. In reviste cotate ISI ca prim autor**

- 1.R.Dumache**, V.Ciocan, C.Muresan, A.Enache. Forensic identification by STR genotyping of a fire carbonized body. 21st World Congress on Advances in Oncology and 19th International Symposium on Molecular Medicine 2016. 6-8 octombrie 2016, Atena, Grecia
- 2.R.Dumache**, D.Ionescu, A.Tudor, A.F.Rogobete, R.Minciu. Diagnosis of renal cancer from urine by quantitative methylation-specific PCR (MSP). 21st World Congress on Advances in Oncology and 19th International Symposium on Molecular Medicine 2016. 6-8 octombrie 2016, Atena, Grecia
- 3.R.Dumache**, M.Puiu, S.Popovici, V.Ciocan, C.Muresan, A.Enache. Ethical Issues regarding presymptomatic and predictive genetic testing in Romania. European Journal of Human Genetics 2015, Vol.23, Supplement 1, iunie 2015. 6-9 iunie 2015, Glasgou, U.K.
- 4. R.Dumache**, M.Puiu ,R.Bardan, M.Licker, V.Dumitrașcu, D.David. Molecular diagnosis of bladder cancer by detecting gene p16<sup>INK4a</sup> from body fluids by methylation-specific polymerase chain reaction (MSP). European Journal of Human Genetics, Vol.22, Supplement 1, May 2014. European Human Genetics Conference 2014. 31 mai-3 iunie 2014, Milano, Italia
- 5.R.Dumache**, C.Mureșan, A.Enache. Applications of epigenetics in forensic sciences. International Journal of Molecular Medicine, Vol.34, Supplement 1, 2014. 19th World Congress on Advances in Oncology, 17th International Symposium on Molecular Medicine. 9-11 Octombrie 2014, Atena, Grecia
- 6.R.Dumache**, A.Tudor, A.Bucur, D.Ionescu, S.Popescu, S.Negru, S.Putnoky, R.Minciu, V.Dumitrașcu. Retinoic acid receptor  $\beta 2$  (RAR $\beta 2$ ), a promising noninvasive biomarker to distinguish between malignant and benign prostate lesions in urine samples. Biochimica clinica 2013, Vol.37, Special Supplement. 20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab) and 45th Congress of the Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC). 19-23 mai 2013, Milano, Italia
- 7.R.Dumache**, S.Negru, R.Minciu, S.Putnoky, D.Ionescu, M.Puiu. Prognostic significance in biochemical recurrence of prostate cancer in preoperative serum glutathione S-transferase P1 gene in men following radical prostatectomy. European Journal of Human Genetics, Vol.21, Supplement 2, iunie 2013. European Human Genetics Conference 2013, 8-11 iunie 2013 Paris, Franta
- 8.R.Dumache**, M.Puiu, A.Tudor, S.Negru, S.Popescu, O.M.Ioja-Boldura. Cell-free DNA, a novel noninvasive biomarker in prostate malignancy. Toxicology Letters, Vol.211, Supplement, June 2012. 48th Congress of the European Societies of Toxicology (EUROTOX). 17-20 iunie 2012, Stockholm, Suedia
- 9.R.Dumache**, M.Puiu, S.Negru, R.Minciu, A.Bucur, B.Bumbăcilă. Molecular diagnosis of bladder cancer from body fluids by methylation-specific PCR. Toxicology Letters. Vol.211, Supplement, June, 2012. 48th Congress of the European Societies of Toxicology (EUROTOX). 17-20 iunie 2012, Stockholm, Suedia
- 10.R.Dumache**, R.Minciu, B.Bumbăcilă, S.Negru, A.Tudor, M.Puiu. Non-invasive diagnosis of prostate cancer from body fluids using a panel of tumor suppressor genes. European Urology Supplements, Volume 10, No.2, Martie 2011. 26th Annual European Association of Urology (EUA) Congress. 18-22 Martie 2011, Viena, Austria

**11.R.Dumache**, B.Bumbăcilă, S.Negru, A.Tudor, M.Puiu. Noninvasive detection of GSTP1 gene in urine samples from prostate cancer patients. European Journal of Human Genetics, Vol.19, Supplement 2, Mai 2011.European Human Genetics Conference 2011. 28-31 mai 2011, Amsterdam, Olanda

**12.R.Dumache**, M.Puiu, S.Negru, B.Bumbăcilă, N.Cucu. Detection of aberrant promoter hypermethylation of multiple genes in urine samples from kidney cancer patients. Clinical Chemistry and Laboratory Medicine 2011, Vol.49, Special Supplement,May 2011. IFCC-WorldLab Berlin 2011. 21st International Congress of Clinical Chemistry and Laboratory Medicine, 19th IFCC-EFCC European Congress of Clinical Chemistry and Laboratory Medicine, 8th Annual Meeting of the German Society of Clinical Chemistry and Laboratory Medicine. 15-19 mai 2011, Berlin, Germania

**13.R.Dumache**, S.Negru,D.L.David,M.Puiu,D.Ionescu. Predicting prostate cancer by detecting GSTP1 aberrant promoter methylation in serum DNA. European Urology Supplements 2011, 10(9):616. European Association of Urology (EUA).11th Central European Meeting. 28-29 Octombrie 2011, Timisoara,Romania

**14.R.Dumache**, M.Puiu, D.Sîrbu,S.Negru, B.Bumbăcilă. Promoter hypermethylation of tumor suppressor genes in urine sediment from prostate cancer patients. Annals of Oncology, volum 21, Supplement 8, 2010. 35th European Society of Medical Oncology (ESMO) Congress. 8-12 Octombrie 2010, Milano, Italia

**15.R. Dumache**, S. Negru, R. Minciu, M. Popovici, D. Ionescu, M. Puiu. Profile of aberrant promoter methylation of GSTP1 gene as a biomarker in prostate cancer detection. Tumor Biology 2010, Vol.31, Supplement 1. 38th Meeting of the International Society of Oncology and BioMarkers (ISOBM), 3-8 Septembrie 2010, Munchen, Germania.

**16.R.Dumache**, M.Puiu, B.Bumbăcilă, G.Anton, N.Cucu. Epigenetic biomarker for the early diagnosis of prostate cancer. European Journal of Human Genetics 2009, Vol.17, Supplement 2. European Human Genetics Conference 2009. 23-26 mai 2009,Viena, Austria

**17.R.Dumache**, Maria Puiu, Carmen Canciu, Natalia Cucu. DNA methylation of GSTP1, a promising biomarker in early detection of prostate cancer. Toxicology Letters 2009, Vol.189, Supplement. 46th Congress of the European Societies of Toxicology. 13-16 Septembrie 2009, Dresden, Germania.

**18.R.Dumache**, Margit Șerban, Maria Puiu. Prognostic role and clinical significance of minimal residual disease in acute lymphoblastic leukemia of childhood. 4th Santorini Conference Biologie Prospective. Clinical Chemistry and Laboratory Medicine 2008, 46(8). 21-23 Septembrie 2008, Santorini, Grecia.

## **2.Rezumat publicat în volumele conferințelor internaționale cu ISBN**

**1. R Dumache**, M.Puiu, A. Enache, A Mihailescu. Dilemmas and ethics of predictive genetic testing in Huntington disease: the right to know the information. 14<sup>th</sup>World Conference on Bioethics, Medical Ethics and Health Law. 07.03-10.03.2022, Porto, Portugal

**2. R.Dumache**, A.Enache. Jane Doe's Identification from teeth by automate DNA extraction. The 28th Congres of the ISFG , 9-13th of September 2019, Prague, Czech Republic

**2.R.Dumache**, A.Enache,G.Girbea, L.Barbarii. Importance of touch DNA in solving a crime case. 8th European Academy of Forensic Science Conference 27th-31st of August, Lyon, France 2018

- 3.R.Dumache**, A.Enache, R.Nicolae, G.Girbea, V.Ciocan, C.Muresan, L.Barbarii. Importance of haploid DNA markers in establishing paternity of a child from a brother-sister incest relationship. 11th Haploid Markers Conference, 17-19 May 2018, Bydgoszcz, Polonia
- 4.R.Dumache**, K.Csiki, V.Ciocan, C.Muresan, A.Enache. Ethics and Forensic Genetics. International Conference on Bioethics in the New Age of Science , 10-11 May 2018, Szeged, Hungary
- 5.R.Dumache**, V.Ciocan, CO Muresan, A Enache. Identification of an unknown corpse by DNA sibling analysis. 10th ISABS Conference on Forensic and Antropologic Genetics and Mayo Clinic Lectures in Individualized Medicine. 19-24 June 2017, Dubrovnik Croatia. ISBN 978-953-57695-2-1
- 6.Dumache**, V.Ciocan ,C.Muresan, A.Enache. MicroRNAs(MIRs): new biomarkers in forensically body fluids identification. 7th European Academy of Forensic Science Conference EAFS 2015. 6-11 septembrie 2015, Praga, Republica Cehă. ISBN 978-80-260-8659-8
- 7.R.Dumache**, C.Popoiu, N.Andreescu, D.Chioran, M.Puiu, S.Negru. Genetic and epigenetic biomarkers in the noninvasive diagnosis of oral cancers. 17th DKMT Euroregional Conference on Environment and Health. 5-6 iunie 2015, Szeged, Ungaria. ISBN 978-963-306-37

#### Lucrări științifice premiate


##### Premii internaționale

**R.Dumache**, V.Dumitrașcu, S.Negru, A.Tudor, B.Bumbăcilă, M.Puiu. *New tumoral biomarkers used in the diagnosis, prognosis and therapeutic approach in prostate cancer.* **Balkan Award for Clinical Laboratory Research 2011.** 21-23 Septembrie 2011, București, Romania

##### Lucrări științifice premiate la nivel național

##### Premiul Eugen Mody 2016 Asociația Laboratoarelor Medicale din Romania (ALMR)

##### Lucrări științifice coordonate și premiate la conferințe studențești - la nivel național

 Significance of glutathione S-transferase P1 (GSTP1) gene in the noninvasive detection of prostate cancer by quantitative methylation-specific polymerase chain reaction(qMSP). Premiul III The XVIth International Congress for Medical Students and Young Doctors. 17-20 Mai 2012, Timișoara, Romania