

**БИБЛИОГРАФИЈА (1990–2023) НА  
ДОП.ЧЛЕН ДИЈАНА ПЛАШЕСКА-КАРАНФИЛСКА**

**I. Научни публикации, поглавја во книги, цитираност и фактор на влијание (IF)**

1. **Plaseska D**, Kutlar F, Wilson JB, Webber BB, Zeng Y-T, Huisman, THJ. *Hb F-Jiangsu, the first  $\gamma$  chain variant with a Valine-> Metionine substitution:  $\alpha_2^A\gamma_2134(H12)Val\rightarrow Met$ . **Hemoglobin** 14:177-183, **1990**. (IF 1.204 in 1992)*
2. **Plaseska D**, Li H-J, Wilson JB, Kutlar F, Kutlar A, Huisman THJ, Kulpa J. *Hb F-Brooklyn or  $\alpha_2^G\gamma_266(E10)Lys\rightarrow Gln$ . **Hemoglobin** 14:213-216, **1990**. (IF 1.204 in 1992)*
3. **Plaseska D**, de Alarcon PA, McMillan S, Walbrecht M, Wilson JB, Huisman THJ. *Hb Iowa or  $\alpha_2\beta_2119(GH2)Gly\rightarrow Ala$ . **Hemoglobin** 14:423-429, **1990**. (IF 1.204 in 1992)*
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38. Popovska K, Dejanovska M, Davalievaa, Duvlis S, Efremov GD, **Plaseska-Karanfilska D.** *Human papilloma virus (HPV) types among Macedonian women with low- and high-grade squamous intraepithelial lesions (SILs).* June 26 –July 1, 2004, Warsaw, Poland, European Journal of Biochemistry 271, Supplement 1, pp 240-241, P6.4-06.
39. **Plaseska-Karanfilska D.** *Forensic DNA identification in the Republic of Macedonia.* First International Course for Judges from Serbia, Montenegro and Macedonia on present-day biological issues, July 7-9, 2004, Belgrade, Serbia and Montenegro.
40. **Plaseska-Karanfilska D.** *The case of networking: science and technology in Macedonia;* invited speaker in the session “Making links, building bridges: Science matters in South Eastern Europe” organized by UNESCO-ROSTE; EuroScience Open Forum 2004, 25-28 August 2004, Stockholm, Sweden.
41. **Plaseska-Karanfilska D**, Plaseski T, Dimitrovski C, Kocevaska B, Efremov GD. *Association between CAG repeat number in the androgen receptor gene and male infertility in Macedonian males.* European Human Genetics Conference 2005, May 07-10, 2005, Prague, Czech Republic, European J. Human Genetics 13, suppl.1, pp.333, #P0921, 2005.
42. Kubelka-Sabit K, **Plaseska-Karanfilska D**, Prodanova I, Yashar G, Hadzi-Nicheva B, Veljanovska S, Zografski G, Basheska N. *Small and large cell neuroendocrine carcinomas of the uterine cervix. A report of 10 cases.* 20<sup>th</sup> European Congress of Pathology, September 3-8, 2005, Paris, France. Virchows Archiv P 765.
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45. Talaganova S, Dimcev P, Sukarova E, Efremov GD and **Plaseska-Karanfilska D**. *Prenatal diagnosis of common aneuploidies by QF-PCR analysis in the Republic of Macedonia*. 24th Congress IUBMB June 24 –June 29, 2006, Istanbul, Turkey
46. **Plaseska-Karanfilska D**, Plaseski T, Noveski P, Dimitrovski C, Kocevaska B, Efremov GD. *Partial AZFc deletions in Macedonian infertile men*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, OP12, p40.
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48. **Plaseska-Karanfilska D**, Noveski P, Kuzevska K, Basevska N, Kocova M, Efremov GD. *A new familial mutation in the SRY gene (Arg133Gly)*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, PP124, p104.
49. Popovska-Jankovic K, Tasic V, Bogdanovic R, Miljkovic P, Baskin E, Efremov GD, **Plaseska-Karanfilska D**. *Five novel mutations in cystinuria genes SLC3A1 and SLC7A9*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, PP125, p104.
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51. Talaganova S, Trivodalieva S, Arsovska S, Kaeva M, Efremov GD, **Plaseska-Karanfilska D**. *The parental and meiotic origin of extra chromosome 21 in Down syndrome patients*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, PP157, p118.
52. Davalieva K, Efremov GD, **Plaseska-Karanfilska D**. *Fetal sex determination using real-time PCR analysis of maternal plasma*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, PP159, p119.
53. Kocheva SA, **Plaseska-Karanfilska D**, Vlaski-Jekic S, Kuturec M, Efremov GD. *Genetic counseling and prenatal diagnosis in Macedonian DMD/BMD families*. 7<sup>th</sup> Balkan Meeting on Human Genetics, August 31 – September 2, 2006, Skopje, Macedonia; BJMG Supplement, PP163, p121.
54. **Plaseska-Karanfilska D**. *Non-invasive prenatal diagnosis: determination of fetal sex and Rhesus D genotyping using real-time PCR analysis of fetal DNA in maternal plasma*. (invited lecture), “Applications of Functional Genomics to Biomedical Research” Workshop, Cavtat, Croatia, 10-12<sup>th</sup> November 2006.
55. **Plaseska-Karanfilska D**, Talaganova S, Trivodalieva S, and Efremov GD. *Prenatal diagnosis of aneuploidies of chromosomes 13, 18, 21, X and Y by QF-PCR in the Republic of Macedonia*. European Human Genetics Conference 2007, June 16-19, 2007, Nice, France, European J. Human Genetics 15, suppl.1, pp.140, #P0478, 2007.
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58. **Plaseska-Karanfilska D**, Plaseski T, Noveski P, Trivodalieva S, and Efremov GD. *Detection of the most common genetic causes of male infertility by QF-PCR*. European Human Genetics Conference 2008, May 31-June 3, 2008, Barcelona, Spain, European Journal of Human Genetics 16, suppl.2, pp.174, #P02.242, 2008.
59. Trivodalieva S, Matevska N, Noveski P, Dimovski A and **Plaseska-Karanfilska D**. *CAG repeat number in androgen receptor gene and prostate cancer*. European Human Genetics Conference 2008, May 31-June 3, 2008, Barcelona, Spain, European Journal of Human Genetics 16, suppl.2, pp.232, #P04.183, 2008.
60. Noveski P, Trivodalieva S, Efremov G. and **Plaseska-Karanfilska D**. *Hierarchical analysis of 28 Y-chromosome SNP's in the population of the Republic of Macedonia*. European Human Genetics Conference 2008, May 31-June 3, 2008, Barcelona, Spain, European Journal of Human Genetics 16, suppl.2, pp.286, #P05.211, 2008.

61. **Plaseska-Karanfiliska D.** *Genetics of male infertility* (Invited lecture). 8<sup>th</sup> Balkan Meeting of Human Genetics, May 14-17, 2009, Cavtat, Croatia.
62. Kiprijanovska S, Trivodalieva S, Efremov GD and **Plaseska-Karanfiliska D.** *The parental origin of chromosome aneuploidies*. 8<sup>th</sup> Balkan Meeting of Human Genetics, May 14-17, 2009, Cavtat, Croatia.
63. Noveski P, Plaseski T, Efremov GD and **Plaseska-Karanfiliska D.** *Polymorphisms of folate related genes and male infertility*. 8<sup>th</sup> Balkan Meeting of Human Genetics, May 14-17, 2009, Cavtat, Croatia.
64. **Plaseska-Karanfiliska D,** Noveski P, Matevska N, Dimovski A, Efremov GD. *Y chromosome haplogroup R1a is associated with prostate cancer risk among Macedonian males*. European Human Genetics Conference 2009, May 23-27, 2009, Vienna, Austria.
65. Trivodalieva S, Volk M, Peterlin B, Efremov GD, **Plaseska-Karanfiliska D.** *Multiplex SNaPshot analysis for the detection of 10 mutations in thrombophilia and folate related genes*. European Human Genetics Conference 2009, May 23-27, 2009, Vienna, Austria.
66. **Plaseska-Karanfiliska D.** *Detection of common chromosome aneuploidies by quantitative fluorescence (QF)-PCR*. 17<sup>th</sup> Meeting of Balkan Clinical Laboratory Federation & 5<sup>th</sup> Macedonian National Congress of Medical Biochemists, September 16-19, 2009, Ohrid, R.Macedonia, LP 04 (invited lecture), Balkan Journal of Clinical Laboratory Suppl. 2009, p57-58.
67. **Plaseska-Karanfiliska D,** Noveski P, Plaseski T, Efremov GD. *Y-chromosomal background of gr/gr deletions*. European Human Genetics Conference 2010, June 12-15, 2010, Gothenburg, Sweden.
68. Madzunkova S, **Plaseska-Karanfiliska D,** Kondov G, Spirovski Z, Efremov GD. *Androgen receptor CAG polymorphism and breast cancer risk in Macedonian women*. European Human Genetics Conference 2010, June 12-15, 2010, Gothenburg, Sweden.
69. Kiprijanovska S, Madzunkova S, Efremov GD, **Plaseska-Karanfiliska D.** *Polymorphisms of folate related genes and a risk of having a child with chromosome aneuploidy*. European Human Genetics Conference 2010, June 12-15, 2010, Gothenburg, Sweden.
70. Maleva I, **Plaseska-Karanfiliska D,** Kondov G, Spirovski Z, Efremov GD. *BRCA2 N372H polymorphism and breast cancer risk*. European Human Genetics Conference 2010, June 12-15, 2010, Gothenburg, Sweden.
71. Noveski P, Plaseski T, Efremov GD, **Plaseska-Karanfiliska D.** *Frequency of cystic fibrosis transmembrane conductance regulator gene mutations in infertile man*. European Human Genetics Conference 2010, June 12-15, 2010, Gothenburg, Sweden.
72. **Plaseska-Karanfiliska D,** Noveski P, Plaseski T and Efremov GD. *Association study of nine polymorphisms in eight different genes (FASLG, JMJDIA, LOC203413, TEX15, BRDT, OR2W3, INSR and TAS2R38) with male infertility*. European Human Genetics Conference 2011, May 28-31, 2011, Amsterdam, The Netherlands.
73. Noveski P, Plaseski T, Efremov GD, **Plaseska-Karanfiliska D.** *b2/b3 deletion is associated with spermatogenic failure in men from the Republic of Macedonia*. European Human Genetics Conference 2011, May 28-31, 2011, Amsterdam, The Netherlands.
74. Maleva I, **Plaseska-Karanfiliska D,** Sabolic-Avramovska V, Kuturec M, Sukarova-Angelovska E and Efremov GD. *Mutational analysis in TSC1 and TSC2 genes in patients with tuberous sclerosis complex*. European Human Genetics Conference 2011, May 28-31, 2011, Amsterdam, The Netherlands.
75. Madjunkova S, Efremov GD, **Plaseska-Karanfiliska D.** *Thrombophilic mutations among women with spontaneous abortions*. European Human Genetics Conference 2011, May 28-31, 2011, Amsterdam, The Netherlands.
76. **Plaseska-Karanfiliska D.** *Molecular profiling of infertile men* (Invited lecture). 9<sup>th</sup> Balkan Meeting of Human Genetics, September 15-17, 2011, Timisoara, Romania; BJMG 2011 Supplement, L12, p14.
77. Madjunkova S, Kocheva S, **Plaseska-Karanfiliska D.** *Detection of Cystic Fibrosis mutations by Multiplex SNaPshot analysis* (oral presentation). 9<sup>th</sup> Balkan Meeting of Human Genetics, September 15-17, 2011, Timisoara, Romania; BJMG 2011 Supplement, O 21, p35.
78. Maleva I, Madjunkova S, Chalkalova L, Plaseski T, **Plaseska-Karanfiliska D.** *Copy number variants in infertile men detected by Array Comparative Genomic Hybridization*. 9<sup>th</sup> Balkan Meeting of Human Genetics, September 15-17, 2011, Timisoara, Romania; BJMG 2011 Supplement, P74, p82.

79. **Plaseska-Karanfilska D**, Madjunkova S, Maleva I, Kiprijanovska S. *Rapid prenatal diagnosis of common chromosome aneuploidies using quantitative fluorescent (QF)-PCR: 10 years experience in a center from the Republic of Macedonia*. 12<sup>th</sup> International Congress of Human Genetics, October 10-15, 2011; Montreal, Canada.
80. **Plaseska-Karanfilska D**. *Hemoglobinopathies: Specificities and incidence in the Republic of Macedonia* (Invited lecture) National scientific and educational workshop: Anemias and nutrition in pregnant women and children under 5 years of age, 27-29 April, 2012, Ohrid, Republic of Macedonia
81. **Plaseska-Karanfilska D**. *Molecular detection of human papilloma virus*. (Invited lecture); "PAP test – diagnostic difficulties and management" Workshop; June 21, 2012, Skopje, R. Macedonia
82. Sukarova Stefanovska E., Cakar M., Filipce I., **Plaseska-Karanfilska D**. *Mitochondrial DNA mutations are not a common cause of non-syndromic hearing loss in Republic of Macedonia*; European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
83. Maleva I., Bozhinovski G., Smickova E., Kondov G, Spirovski Z. and **Plaseska-Karanfilska D**. *Multiplex single-nucleotide primer extension assay for detection of low-penetrance breast cancer susceptibility polymorphisms*. European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
84. Atanasovska B., Bozhinovski Gj., **Plaseska-Karanfilska D.**, Chakarova Ly. *Multiplex assay for the detection of common Mediterranean beta-thalassemia mutations*. European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
85. Moneva Z., Noveski P., Plaseski T., **Plaseska-Karanfilska D**. *Association study of single nucleotide polymorphisms in SLC6A14 gene with male infertility*. European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
86. Noveski P., Chakalova L., Plaseski T., **Plaseska Karanfilska D**. *TSPY1 copy number variation and male infertility*. European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
87. Madjunkova S., Kumnova A., Stankova K., Gerasimova P., **Plaseska-Karanfilska D**. *Y chromosome AZF deletions/duplications and spontaneous pregnancy loss*. European Human Genetics Conference, June 23-26, 2012, Nürnberg, Germany
88. Plaseska-Karanfilska Dijana. *Hemoglobi research in the Republic of Macedonia- In memory of Professor Georgi D. Efremov*. 1<sup>st</sup> Macedonian Hematology Congress and the Seventh Balkan day of Hematology. October 4-7 2012, Skoje, R. Macedonia
89. **Plaseska-Karanfilska D.**, Noveski P., Madjunkova S., Maleva I., Sotirovska V, Petanovski Z. [A homozygous deletion of DPY19L2 gene is a cause of globozoospermia in men from the Republic of Macedonia](#). Annual Meeting of the American Society of Human Genetics, November 6-10, 2012; San Francisco, CA, USA.
90. **Plaseska-Karanfilska D**. *Molecular genetic testing for rare diseases (Invited lecture)*. Rare Diseases in South-Eastern Europe, November 15-17, 2012, Skopje, R. Macedonia.
91. Tasic V, Jancevska A, Daskalov B, Maleva I, **Plaseska-Karanfilska D**. *Metatropic dysplasia-case report*. Rare Diseases in South-Eastern Europe, November 15-17, 2012, Skopje, R. Macedonia.
92. Maleva I, Tasic V, **Plaseska-Karanfilska D**. *A family with two rare diseases: X-linked adrenoleukodystrophy and carnitine palmitoyltransferase II deficiency*. Rare Diseases in South-Eastern Europe, November 15-17, 2012, Skopje, R. Macedonia.
93. Popovska-Jankovic K, Sukarova Stefanovska E, Tasic V, Bogdanovic R, Miljkovic P, Lilova M, **Plaseska-Karanfilska D**. *SLC3A1 T216M is a cystinuria founder mutation in a gypsy patients from Balkan countries*. Rare Diseases in South-Eastern Europe, November 15-17, 2012, Skopje, R. Macedonia.
94. Sukarova Stefanovska E, Popovska-Jankovic K, Gucev Z, Tasic V, Jotovska O, **Plaseska-Karanfilska D**. *Quantitative amino acid analysis in rare diseases-our experience*. Rare Diseases in South-Eastern Europe, November 15-17, 2012, Skopje, R. Macedonia.
95. **Plaseska-Karanfilska D**. *Y chromosome and prostate cancer (Invited lecture)*. 5<sup>th</sup> Uro-oncology Winter Congress. Skopje, R. Macedonia, January 30-February 03, 2013
96. **Plaseska-Karanfilska D**. *Molecular diagnostics of hemoglobinopathies (Invited lecture)*. Annual Hematology Meeting of Slovenia, Ljubljana, Slovenia, April 12, 2013

97. **Plaseska-Karanfilska D.** *Erythrocytosis due to hemoglobinopathies (Invited lecture)*. COST action BM0902 Ohrid meeting, Ohrid, R. Macedonia, April 24-26, 2013
98. **Plaseska-Karanfilska D.** Invited participant (speaker) to the Roundtable: Human Papilloma Virus and associated diseases - prevention, diagnosis and treatment. Organized by the HPV Society of Macedonia during the 3<sup>rd</sup> Congress of Gynecologists and Obstetricians of Macedonia with International participation, Ohrid Macedonia, 16-19 May 2013.
99. Madjunkova S, Madgett T, Madjunkov M, Avent N, **Plaseska-Karanfilska D.** *Non-invasive prenatal diagnosis (NIPD) of RHD and fetal sex using cell free fetal DNA (cffDNA) from maternal plasma*. European Human Genetics Conference 2013, June 08-11, 2013, Paris, France
100. Maleva I, Kubelka K, Jasar Dz, Arsovski A, Stojanovska L, **Plaseska-Karanfilska D.** Detection of copy number variations on oncogenes and tumor suppressor genes by multiplex ligation probe amplification analysis. European Human Genetics Conference 2013, June 08-11, 2013, Paris, France
101. Bozinovski G, Maleva I, Kubelka K, **Plaseska-Karanfilska D.** *Combined QF-PCR and subtelomere MLPA molecular analysis for the detection of chromosomal abnormalities in early spontaneous miscarriages*. European Human Genetics Conference 2013, June 08-11, 2013, Paris, France
102. Noveski P, Mirchevska M, Plaseski T, Peterlin B, **Plaseska-Karanfilska D.** *Men with LOC203413 minor T allele have an increased risk for impaired spermatogenesis*. European Human Genetics Conference 2013, June 08-11, 2013, Paris, France
103. Sukarova Stefanovska E, Sukarova Angelovska E, Angelkova N, **Plaseska-Karanfilska D.** *Variable expression of myotonic dystrophy type 1 in a three-generation family*. European Human Genetics Conference 2013, June 08-11, 2013, Paris, France
104. Popovska-Jankovic K, Noveski P, Kubelka K, **Plaseska-Karanfilska D.** Microarray microRNA profiling in patients with male infertility. Florence-Utah International symposium Genetics of male infertility, September 19-21, 2013, Florence, Italy (*International Society of Andrology travel grant award to KPJ*).
105. Maleva I, Noveski P, Kubelka K, **Plaseska-Karanfilska D.** Copy number variants in infertile men detected by array comparative genomic hybridization. Florence-Utah International symposium Genetics of male infertility, September 19-21, 2013, Florence, Italy.
106. Noveski P, Kubelka K, **Plaseska-Karanfilska D.** Analysis of mRNA expression levels in FFPE testicular biopsies using real-time PCR arrays. Florence-Utah International symposium Genetics of male infertility, September 19-21, 2013, Florence, Italy.
107. **Plaseska-Karanfilska D.** Molecular basis of breast cancer in R. Macedonia (*invited lecture*). 10<sup>th</sup> Balkan Congress of Human Genetics & 2<sup>nd</sup> Alpe Adria Meeting of Human Genetics, October 10-12, 2013, Bled, Slovenia.
108. Sukarova Stefanovska E, Kicurovska M, Noveski P, **Plaseska-Karanfilska D.** Fifteen years of family relationship DNA testing at RCGEB, MASA. 10<sup>th</sup> Balkan Congress of Human Genetics & 2<sup>nd</sup> Alpe Adria Meeting of Human Genetics, October 10-12, 2013, Bled, Slovenia.
109. **Plaseska-Karanfilska D.** Research Centre for Genetic Engineering and Biotechnology "Georgi D. Efremov" – past, present and future activities (*lecture during the visit to the Trakya University, Edirne, Turkey*), October 21, 2013.
110. **Plaseska-Karanfilska D.** Molecular basis of breast cancer in R. Macedonia (*lecture during the visit to the Trakya University, Edirne, Turkey*), October 21, 2013.
111. Plaseska-Karanfilska D. Beta thalassemia intermedia. Rare Diseases in South-Eastern Europe, November 16, 2013, Skopje, R. Macedonia.
112. **Plaseska-Karanfilska D.** Breast cancer susceptibility genes in Macedonian breast cancer patients (*invited lecture*). European Biotechnology Congress 2014, May 15-18 2014, Lecce, Italy.
113. **Plaseska-Karanfilska D,** Maleva I, Jakimovska M, Popovska-Jankovic K, Kubelka K, Karadjozov M, Stojanovska L, Arsovski A. BRCA1 and BRCA2 germline mutational spectrum among Macedonian women with breast cancer detected by next generation sequencing. European Human Genetics Conference 2014, May 31-June 03, 2014, Milan, Italy.

114. Jakimovska M, Maleva I, Stojanovska L, Arsovski A, **Plaseska-Karanfilska D**. Mutations in *CHEK2* and *NBN* genes among Macedonian breast cancer patients. European Human Genetics Conference 2014, May 31-June 03, 2014, Milan, Italy.
115. Popovska-Jankovic K, Jakimovska M, Maleva I, Kubelka K, Stojanovska L, Arsovski A, Karadjozov M, **Plaseska-Karanfilska D**. Association of DNA methylation of tumor suppressor genes and histopathological features of breast cancers (publication only). European Human Genetics Conference 2014, May 31-June 03, 2014, Milan, Italy.
116. Noveski P, Sukarova-Stefanovska E, Mirchevska M, Plaseski T, **Plaseska-Karanfilska D**. Association between Azoospermia Factor c (AZFc) rearrangements and Y chromosome lineages. European Human Genetics Conference 2014, May 31-June 03, 2014, Milan, Italy.
117. Kocheva S, Bozinovski G, Martinova K, Coneska B, Acevska A and **Plaseska-Karanfilska D**. MYCN oncogene amplification in advanced neuroblastoma patients from R. Macedonia (publication only). European Human Genetics Conference 2014, May 31-June 03, 2014, Milan, Italy.
118. **Plaseska Karanfilska D**, Popovska-Jankovic K, Noveski P, Filipovski V. Expression of miR-34b, miR-181c, miR-449b, miR-517c and miR-605 in FFPE testicular tissues of infertile men with different impairments of spermatogenesis. Annual Meeting of the American Society of Human Genetics, October 18-22, 2014; San Diego, CA, USA.
119. **Plaseska Karanfilska D**. Detection of mutations by multiplex PCR/SNaPhot analysis. "Genomics of Rare Diseases" SERBORDISINN & 2014 GoldenHelix Symposium. October 30 – November 01, 2014, Belgrade, Serbia (invtd presentation, no abstract).
120. Gucev Z, Tasic V, Dimishkovska M, **Plaseska-Karanfilska D**, Polenakovic M. IGF1-R gene alterations in children born small for gestitional age (SGA). Rare Diseases in South-Eastern Europe, November 15, 2014, Skopje, R. Macedonia.
121. Plaseska-Karanfilska D. Human genome. First AROME Masterclass on Molecular Biology, 27-28 March 2015, Skopje, Macedonia (invited lecture, no abstract)
122. Emilija Sukarova Stefanovska, Gjorgji Bozinovski, Zorica Trajkova-Antevska, Violeta Dejanova-Ilijevska, Georgi Petkov, Dijana A. **Plaseska-Karanfilska**. Phenotypic expression of hemophilia B in patients with six novel *F9* gene mutations. European Human Genetics Conference 2015, June 6-9, 2015, Glasgow, UK.
123. Noveski P, Madjunkova S, Matevska Geshkovska N, Eftimov A, Sukarova-Stefanovska E, Dimovski A, **Plaseska-Karanfilska D**. Association of Y chromosome loss with colorectal cancer. European Human Genetics Conference 2015, June 6-9, 2015, Glasgow, UK.
124. Madjunkov M, Madjunkova S, Mircevska M, Madgett T, Avent N, **Plaseska-Karanfilska D**. Non invasive prenatal diagnosis (NIPD) of RHD using cell free fetal DNA (cffDNA) from maternal plasma as a method for targeted anti RhD prophylaxis. European Human Genetics Conference 2015, June 6-9, 2015, Glasgow, UK
125. **Plaseska-Karanfilska D**. Familial breast cancer: Beyond BRCA genes (invited lecture). 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
126. Dimishkovska M, Gucev Z, Tasic V, Polenakovic M, **Plaseska-Karanfilska D**. Complex phenotype of isolated growth hormone deficiency accompanied with myopathy, red hair and obesity: Hunt for new genes. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
127. Noveski P, Popovska-Jankovic K, Kubelka K, Filipovski V, **Plaseska-Karanfilska D**. Integrated miRNA-mRNA interaction analysis in patients with impaired spermatogenesis. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
128. Sukarova Stefanovska E, Bozinovski G, Gucev Z, Sukarova Angelovska E, Angelovska N, Jotovska O, **Plaseska-Karanfilska D**. Identification of microdeletions/microduplications in patients with intellectual disability. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
129. Bozinovski G, Kubelka K, Lazarevski S, **Plaseska-Karanfilska D**. Distribution of chromosomal abnormalities in early spontaneous abortions according to maternal age. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.



130. Jakimovska M, Popovska-Jankovic K, Maleva-Kostovska I, Kubelka K, Stojanovska L, Karagjozov M, Arsovski A, **Plaseska-Karanfiliska D**. Somatic mutations in breast cancer tissues with BRCAness. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
131. Popovska-Jankovic K, Jakimovska M, Kubelka K, Stojanovska L, Karagjozov M, Arsovski A, **Plaseska-Karanfiliska D**. Microarray microRNA profiling in breast cancer tissues with different receptor status. 11<sup>th</sup> Balkan Congress of Human Genetics. September 16-20, 2015, Belgrade, Serbia.
132. Duvlis S, Noveski P, Memeti S, Osmani D, Ivkovski LJ, Prodanova I, Dabeski D, **Plaseska-Karanfiliska D**. Association of IL-10-592C>A polymorphism with decreased risk for cervical intraepithelial lesions and cervical cancer in Macedonian women. 30<sup>th</sup> International Papilloma Conference & Clinical and Public Health Workshops. September 17-21, Lisbon, Portugal.
133. Duvlis S, Noveski P, Memeti S, Ivkovski LJ, Prodanova I, Dabeski D, **Plaseska-Karanfiliska D**. Association of the P53 codon 72 polymorphism with risk of cervical intraepithelial lesions and cancer. 6<sup>th</sup> Croatian Conference of Human Genetics with International Participation. November 5-7, 2015, Split, Croatia.
134. **Plaseska-Karanfiliska D**. Genetics of Breast Cancer (invited lecture). XIX Congress of Medical Doctors of Republic of Macedonia with International Participation, October 1-3, 2015, Skopje, Macedonia.
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184. **Plaseska-Karanfilska D**. *Landscape of breast cancer genes*. The 26<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation and the 6<sup>th</sup> National Congress of the Macedonian Association of Medical Biochemistry and Laboratory Medicine, Skopje, R. Macedonia, October 03-05, 2018 (invited lecture).
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187. **Plaseska-Karanfilska D**. *Breast and Ovary Cancer Risk Assessment and Management*. Invited lecture within the Pre-Congress Course: Risk Assessment in Cancer and Genetic Counseling, 13<sup>th</sup> Balkan Congress of Human Genetics, Edirne, Turkey; April 17-20, 2019 (invited lecture)
188. Marija Terzickj, Milena Jakimovska, Stojka Fustik, Tatjana Jakovska, Emilija Sukarova-Stefanovska, **Dijana Plaseska-Karanfilska**. *Cystic fibrosis mutational spectrum in North Macedonia: a step towards personalized therapy*. 13<sup>th</sup> Balkan Congress of Human Genetics, Edirne, Turkey; April 17-20, 2019.
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193. P. Noveski, M. Vujovic, M. Terzic, D. Shushleski, V. Sotiroska, Z. Petanovski, **D. Plaseska-Karanfilska.** *Revealing hidden phenotypes in the Mendelian disorders: teratozoospermia due to KRT9 pathogenic variant?* (E-P01.16) European Human Genetics Conference, Gothenburg, Sweden; June 14-19, 2019.
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196. M. Jakimovska, K. Kubelka-Sabit, M. Karagjozov, E. Lazarova, S. Smichkoska, **D. Plaseska-Karanfilska.** *Multigene panel testing in breast/ovarian cancer patients reveals high prevalence of FANCM truncating variants and suggests an oligogenic disease course in the carriers (P12.062C).* European Human Genetics Conference, Gothenburg, Sweden; June 14-19, 2019.
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200. **D. Plaseska-Karanfilska** (invited lecture). *Варијације у броју копија у геному код македонских пацијената са поремећајем у психомоторном развоју (Copy number variations among Macedonian patients with intellectual disability).* Семинар „Примена методе молекуларне кариотипизација у медицинској дијагностици“, Медицински факултет, Белград, Србија, 20 септември, 2019.
201. **D. Plaseska-Karanfilska** (invited lecture). *“The coming age of polygenic risk scores: Towards personalized breast cancer assessment and prevention”.* First Congress of Geneticists in Bosnia and Herzegovina with international participation. Sarajevo, Bosnia and Herzegovina, October 02-04, 2019.
202. **D. Plaseska-Karanfilska** (invited lecture). *Spinal Muscular Atrophy (SMA) Newborn screening.* Global SMA pipeline and new perspectives. Hotel Karpos, Skopje, November 18, 2019.
203. **D. Plaseska-Karanfilska** (oral flash presentation). *“Macedonian Breast Cancer Association Study (MABCS): ATM variants”.* ATM and cancer risk – International Workshop – Institute Curie, Paris France, December 04-05, 2019.
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206. Stojka Fustik, **Dijana Plaseska Karanfilska**, Marija Terzikij, Lidija Spirevska, Ana Stamatova. *Spectrum of CFTR mutations in Republic of North Macedonia.* European Respiratory Journal 2020 56: 2768; **DOI:** 10.1183/13993003.congress-2020.2768
207. S. Fustikij, V. Anastasovska, D. Plaseska-Karanfilska, L. Spirevska, M. Pesevska, M. Terzikij, A. Stamatova. *First results from national newborn screening program for cystic fibrosis in the Republic of North Macedonia.* Journal of Cystic Fibrosis 19S2 (2020). S59 (P016)

208. **Dijana Plaseska-Karanfilska**. Genetic testing in ATTR. ATTR-CM Advisory Board Meeting. November 10, 2020 (Online Meeting)
209. **D. Plaseska-Karanfilska** (invited lecture). *Copy number variations (CNVs) and microRNAs in male infertility*. Seminar of the Continuing Medical Education "Application of Array CGH method in medical diagnostics", Faculty of Medicine, University of Belgrade, Belgrade, Serbia, September 28, 2021. (Online Presentation)
210. **Dijana Plaseska-Karanfilska** (online talk) *Presentation of the Research Centre for Genetic Engineering and Biotechnology "Georgi D. Efremov", Macedonian Academy of Sciences and Arts*. 1st ANDRONET Hybrid Meeting Including MC meeting. Barcelona, Spain, June 08-10. Abstract book.
211. Bozhinovski Gj, Kubelka-Sabit K, Terzikij M, **Plaseska Karanfilska D**. *Autosomal recessive disorders - A common cause of early pregnancy losses?* (P01.026B). European Human Genetics Conference, Vienna, Austria; June 11-14, 2022. <https://www.nature.com/articles/s41431-021-01026-1>
212. Maleva Kostovska I, Jakovchevska S, Jakimovska Özdemir M, Kiprijanovska S, Kubelka-Sabit K, Jasar Dz, Iljovska I, Lazareva E, Smichkoska S, **Plaseska-Karanfilska D**. *The highest frequency of BRCA1 c.3700\_3704del detected among Albanians from Kosovo*. (P13.061C). European Human Genetics Conference, Vienna, Austria; June 11-14, 2022. <https://www.nature.com/articles/s41431-021-01026-1>
213. **Plaseska-Karanfilska D** (Invited lecture). *Genetics of Breast and Gynecologic cancers*. COST Action CA18117, "European network for Gynaecological Rare Cancer research: From Concept to Cure (GYNO CARE)". Training school: Updates on Rare Gynaecological Cancer: Focus on Pathological Aspects and beyond. Skopje, Macedonia, September 18-20, 2022. <https://gynocare.net/events/>
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