

CONTENT

<i>Catalina Luca, Laura Buburuzan, Dragos Romanescu, Codrut Stanescu, Simona Dima, Irinel Popescu, Vladimir Botnarciuc, Marieta Costache – P53 gene SNP investigation in squamous cell oesophageal carcinoma</i>	.....	1
<i>Angela Antonescu, Mariana Muresan, Luciana Dobjanschi, Mihaela Zdranca, Marcela Bota, Andreea Antonescu – Values of T-lymphocytes in patients with kidney transplantation according to the presence of HCV</i>	.....	7
<i>Aurora Arghir, Sorina Mihaela Chiriac, Nicoleta Berbec, Oana Ciocan, Andreea Cristina Tutulan-Cunita, Agripina Lungeanu – Genetic testing in myelodysplastic syndromes – contribution in diagnosis, prognostic and clinical management</i>	.....	15
<i>Anisoara Nevoie, Mihaela Pascariu, Iuliu Ivanov, Daniela Jitaru, Lucian Negura, Eugen Carasevici – Chromosomal aberrations induced by ionizing radiation at different doses</i>	.....	21
<i>Andreea Cristina Tutulan-Cunita, Magdalena Budisteanu, Sorina Mihaela Chiriac, Aurora Arghir, Georgeta Cardos, Agripina Lungeanu – Microarray-based comparative genomic hybridization (aCGH) – between basic research and clinical diagnostic</i>	.....	27
<i>Cristina Gug, Andrei Anghel, Liviu Tamaș, Edward Șeclăman, Patrick Willems – Neurofibromatosis type 1 – molecular testing and clinical presentation of two cases</i>	.....	33
<i>Cristina Mihalache Arion, Răzvan V. Filimon, Marius Niculaea, Ioan Moraru – Aspects regarding antioxidant potential of different cabbage varieties</i>	.....	39
<i>Costin Șerban, Bogdan Gurzu, Liliana Chelaru, Roxana Irina Iancu, Irina Luciana Dumitriu, Simona Mihaela Slătineanu, Gheorghe Petrescu, Marcel Costuleanu – Contractile effects of angiotensins are independent of receptors internalization in rat aorta</i>	.....	45
<i>Daniela Ionescu, Raluca Dumache, Cristina Dehelean, Maria Puiu, Tet Valer – Evaluation of plasma oxidative stress in the case of patients with vitiligo and nicotine-dependance</i>	.....	51
<i>Dumitru Isfan, Bogdan Cristian Petrescu, Liliana Chelaru, Elena Cojocaru, Roxana Irina Iancu, Bogdan Gurzu, Irina Luciana Dumitriu, Simona Mihaela Slătineanu, Gheorghe Petrescu, Marcel Costuleanu – Functional relaxing adenosine receptors in isolated rat tracheal smooth muscle</i>	.....	55
<i>Elena Gai, Alexandra Gruia, Florina Boldeanu, Mirabela Cristea, Margit Serban, Smaranda Arghirescu, Cristian Jinca, Loredana Balint Gib, Valentin Ordodi, Calin Tat, Virgil Paunescu – Relationship between HLA A*02 A*03 association and the risk of childhood acute leukemia</i>	.....	61

<i>Elena Lupeanu, Ileana Raducanu, P. Gherasim, Emaneala Constantinescu, Cecilia Gainaru, Cristina Ionescu</i> – Plasma xanthine oxidase and metabolic indicators association in healthy women related to age	65
<i>Florin Comșa, Cornelia Amălinei, Carmen Ardelean, Eduard Crauciuc, Simona Eliza Giușcă, Ovidiu Toma, Irina-Draga Căruntu</i> – Matrix metalloproteinases and tissue inhibitors of matrix metalloproteinases in varicose veins	73
<i>Gabriel Samașca, Mihaela Iancu, Angela Butnariu, Andreica Mariana, Ileana Constantinescu, Doru Dejica</i> – The importance of determining human leucocyte antigens in preventing intestinal lymphoma in patients with celiac disease	81
<i>Ioana-Raluca Bunghes, Rodica Mariana Ion, Simona Pop, Marius Ghirea, Irina Dumitriu, Radu-Claudiu Fierascu</i> – Silver nanoparticles fabrication using marine plant (<i>Mayaca fluviatilis</i>) resources	89
<i>Mariana Bratu, Florentina Pricop, Ovidiu Toma, Dragos Crauciuc, Eduard Crauciuc</i> – Epidemiologic factors, risk factors and screening elements in the cervical neoplasia	95
<i>Mariana Bratu, Florentina Pricop, Ovidiu Toma, Dragos Crauciuc, Eduard Crauciuc</i> – Cytological diagnosis in cervical cancer	101
<i>Mirabela Cristea, Alexandra Gruiu, Florina Bojin, Elena Gai, Moica Violeta, Florina Boldeanu, Gabriela Tanasie, Calin Tatu, Virgil Paunescu</i> – Adhesion behavior and functional studies on normal and tumoral cells exposed to <i>Aristolochia clematitis</i> aqueous extracts	107
<i>Michaela Dobre, Gabriela Gurau, Aurel Nechita, Lucian Puiu Georgescu</i> – Hydroelectrolytic imbalance in mental retardation and autism spectrum disorders	113
<i>Mihai Marinca</i> – Absolute power corrupts absolutely: insights to testicular germ cell tumorigenesis	117
<i>Mihaela Tica, Liliana Dumitru, Adriana Dumitru, Mihaela Poparda, Crenguta Serboiu, Anca Florescu, Elena Ionica, Valeria Tica</i> – Evaluation of HER-2 expression in digestive system cancer	125
<i>Olivia Dorneanu, Teodora Vremeră, Eduard Năstase, Cătălina Logigan, Luminița Iancu, Egidia Miftode</i> – Accuracy of oxacillin susceptibility testing methods for <i>Staphylococcus aureus</i>	131
<i>Petru Cianga</i> – FCRN – Romanian contributions	135
<i>Romeo Chelariu, Bogdan Gurzu, Irina Luciana Dumitriu, Liliana Chelaru, Roxana Irina Iancu, Simona Mihaela Slătineanu, Gheorghe Petrescu, Marcel Costuleanu</i> – Interactions between angiotensin II and agmatine in experimental inflammation	141
<i>Ruxandra Crețu, Daniela Neagoș, Andreea Mustafă, Roxana Bohiltea, Laurentiu Camil Bohiltea</i> – The correlation fish – karyotyping in prenatal diagnosis	147
<i>Ruxandra Crețu, Daniela Neagos, Andreea Tutulan-Cunita, Laurentiu Camil Bohiltea, Veronica Stoian</i> – Methylenetetrahydrofolate reductase gene polymorphisms and the prenatal risk of Down syndrome	157

Raluca Dumache, Maria Puiu, Șerban Negru, Radu Minciu, Bogdan Bumbăcilă – Early detection of prostate cancer from body fluids using DNA promoter methylation	.....	163
Raluca Dumache, Maria Puiu, Adriana Kaycsa, Dana David, Marinela Popovici, Daniela Ionescu, Florin Miclea – Noninvasive biomarkers in the diagnosis of prostate cancer	.....	167
Răzvan V. Filimon, Marius Niculaea, Cristina Mihalache Arion, Roxana Mihaela Anghel – Assessment of bioactive polyphenolic compounds from oenological exhausted material	.....	171
Sorina Mihaela Chirieac, Aurora Arghir, Horia Bumbea, Ana Maria Vladareanu, Sanziana Radesi, Andreea Cristina Tutulan-Cunita, Agripina Lungăeanu – Rare hematologic neoplasms – an acute megakaryocytic leukemia case report	.....	177
Instructions for authors	.....	181