



Curriculum vitae Europass

Informații personale

Nume / Prenume

Inserați fotografia. (rubrică facultativă, vezi instrucțiunile)

Anton/Gabriela

Adresă(e)

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Naționalitate(-tăți)

Romana

Data nașterii

09.06.1955

Sex

F

Domeniul ocupațional

Cercetare stiintifica -medicina

Pozitia actuala

Cercetator stiintific gr I (din 2005), Sef Departament Virusologie Moleculara, Institutul de Virusologie "St. S. Nicolau. Conducator doctorat domeniul medicina- Academia Romana

Experiența profesională

" 2000-2005 Cercetator stiintific gr II, Institutul de Virusologie Virusologie "St. S. Nicolau"
2005-2011 Universitatea Politehnica din București, Departamentul de Bioinginerie și Biotehnologie – Master Biotehnologie (Inginerie genetica si biologie moleculara)
1997-2000 - Cercetator stiintific gr III, Institutul de Virusologie "St. S. Nicolau"
1984-1997 - Cercetator stiintific, Institutul de Virusologie "St. S. Nicolau"
1990-1997- doctorand, specialitatea biologie moleculara, Biochimie, Universitatea Bucuresti

Activități și responsabilități principale

cercetare stiintifica in domeniile biologie moleculara, virusologie, epigenetica; management proiecte

Educație și formare

Perioada 1990-1997

Calificarea / diploma obținută Doctorat

Disciplinele principale studiate / competențe profesionale dobândite Biologie moleculara/ virusologie

Numele și tipul instituției de învățământ / furnizorului de formare Universitatea Bucuresti/Facultatea Biologie/ Sectia biochimie

Nivelul în clasificarea națională sau internațională Doctor in biologie

Perioada 1978

Calificarea / diploma obținută Licenta

Disciplinele principale studiate / competențe profesionale dobândite Biochimie

Numele și tipul instituției de învățământ / furnizorului de formare Universitatea Bucuresti /Facultatea Biologie/ Sectia biochimie

Limba(i) maternă(e) Romana

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (*)

Limba engleza

Limba franceza

Înțelegere		Vorbire		Sciere
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
C2	C2	C2	C2	C2
C1	B2	B1	B1	B2

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Competențe și aptitudini organizatorice	Organizare departamentala- Dept Virusologie Moleculara Mnagementului activitatii de cercetare Organizare manifestari stiintifice (seminarii, conferinte) Membru consiliul stiintific al Institutului de Virusologie Trainer curs FEBS- Inginerie genica- organizator Inst de Biochimie- Bucuresti Cadru didactic asociat- Universitate Pitesti (master biochimie medicala)
Competențe și aptitudini tehnice	Membru in panelul de expreti domeniul Sanatate (coordonator Acad. Victor Voicu) pentru realizarea Strategiei Academiei Romane de dezvoltare a Romaniei in urmatoorii 20 de ani – Coordonator Acad. Valentin-Ionel Vlad (vol 1-3, Ed Academiei Romane)
Competențe și aptitudini de utilizare a calculatorului	Diagnostic virusologic, biologie moleculara, epigenetica Curs Biochimie (CEFOR) organizat de Tempus-Phare- Bucuresti ; Influenza Training Course (CDC – Atlanta- SUA) ; European Scool of Oncology- Epigenetics and New Therapies in Cancer (Medrid- Spania) ; DNA methylation (Bonn- Germania) ; Curs postuniversitar Multidisciplinary approach in management of PWS (Timisoara); Curs perfectionare management proiect (atestat Ministerul Muncii si MEN)
Membru al societăților profesionale	- Societatea Romana de Biochimie si Biologie Moleculara (SRBBM) (afiliata FEBS)– din 1996 Societatea de Bioinginerie si Biotehnologie (2006- 2008) Societatea de Imunologie din Romania – din 2008 (afiliata IUIS, EFIS, BAIS) European Association of Cancer Research (EACR) – din 2005
Competențe și aptitudini de utilizare a calculatorului	Internet, servicii software etc. (MS Office, Adobe Photoshop, Corell), baze date
Informații suplimentare	Autor a peste 220 articole si comunicari, H 9; director de proiect in membru in echipa a peste 25 proiecte nationale castigate prin competitie. Premiul Academiei Romane in 1999 (pentru o suita de lucrari privind implicarea virusurilor HPV in col uterin). Premiul Eberle (Fundatia Cajal), 2008 pentru markeri ai reglarii epigenetice Coordonarea unor lucrari de licenta/dizertatie, membru comisii doctorat (2000 – prezent), Evaluator ANCS, CNCSIS, CNMP Expert in POSDRU 59497/2010-2013 (Training for implementing high technology in immunology laboratory) Evaluator aplicatii europene
Anexe	ANEXA 1 (Lista lucrari reprezentative) ANEXA 2 (lista proiecte)

ANEXA 1.

Capitole carte

1. Botezatu A, Iancu IV, Popa O, Plesa A, Manda D, Huica I, Vladoiu S, **Anton G**, Badiu C. *Mechanisms of Oncogene Activation*, published in *New Aspects in Molecular and Cellular Mechanisms of Human Carcinogenesis*, book edited by Dmitry Bulgin, ISBN 978-953-51-2253-1, Ed InTech)
2. Bleotu C, Socolov D, Anton M, Botezatu A, Plesa A, Iancu IV, Brasoveanu LI, **Anton G**, Diaconu CC, *Interplay of Epigenetics with Gynecological Cancer*, published in *Gynecologic Cancers - Basic Sciences, Clinical and Therapeutic Perspectives*, book edited by Samir A. Farghaly (ISBN 978-953-51-2254-8, Ed InTech)
3. **Anton G**, Plesa A, Bleotu C, Botezatu A, Stoian M, Anton M, Brasoveanu LI, *Human Papillomaviruses Oncoproteins*, published in *Oncogene and Cancer - From Bench to Clinic* (ISBN 978-953-51-0858-0 Ed. InTech), 2013
4. D Socolov, Bleotu, N Miron, RSocolov, L Boiculescu, M Mareş, N Sorici, V Moshin, A Botezatu, **G Anton**, *Correlation Between Chlamydia trachomatis IgG and Pelvic Adherence Syndrome*, published in *Chlamydia* (ISBN 978-953-308-64-8, Ed. InTech), 2012
5. Bleotu C, **Anton G**, *The Indicators of Predicting Disease Outcome in HPV Carcinogenesis*, published in **Cervical Cancer** (ISBN 979-953-307-054-3, Ed. InTech), 2012
6. **Anton G**, Plesa A, Achim R, Repanovici R (2003) cap.I, vol. II in *Metode de analiza a genomului in "Genomica -un tratat despre genom, de la virusuri la om-"* (sub redactia Prof. Dr. Lucian Gavrilă), Ed. Enciclopedica (ISBN 973-45-0463-0 si ISBN 973-45-0465-7)

Carti

sub redactia Anton G (Anton AC, Bleotu C, Botezatu A, Huica I, Iancu IV, Melinte A, Goia-Rusanu C, Plesa A, Socolov D, Socolov R, Telesman S, Ungureanu C), *HPV Infection. Diagnostic and therapeutic guide*, Ed. Universitară Carol Davila (2010) (ISBN 978-973-708-489-9).

Anton G, Repanovici R (2003) - *Tehnologia clonării genelor*, Ed. Academiei (ISBN 973-27-0989-8), 208 pagini.

Anton G, Szedlacsek S, Plesa A, Szedlacsek D, Repanovici R, - *Biologie moleculara, mic dictionar ilustrat* - Ed. Enciclopedica (ISBN 973-45-0512-2), 144 pg, 2005

Lucrari: in jurnale indexate ISI

- Mihai S, Codrici E, Popescu ID, Enciu AM, Rusu E, Zilisteanu D, Albuiescu R, **Anton G**, Tanase C. *Proteomic Biomarkers Panel: New Insights in Chronic Kidney Disease.*, Dis Markers.; 2016, doi: 10.1155/2016/3185232
- Rosca A, **Anton G**, Botezatu A, Temereanca A, Ene L, Achim C, Ruta S, *miR-29a associates with viro-immunological markers of HIV infection in treatment experienced patients.* J Med Virol. 2016 doi: 10.1002/jmv.24586
- Vladoiu S, Dinu Draganescu D, Botezatu A, **Anton G**, Oros S, Paun DL, Ianas O, Rosca R, Badiu C *Correlations between Polymorphisms of Estrogen 1, Vitamin D Receptors and Hormonal Profile in Infertile Men*, Acta Endo (Buc) 2016 12: 137-144 doi: 10.4183/aeb.2016.137
- Botezatu A, Puiu M, Cucu N, Diaconu CC, Badiu C, Arsene C, Iancu IV, Plesa A, **Anton G**. *Comparative molecular approaches in Prader-Willi syndrome diagnosis*, Gene. 2016; 575 :353-8. doi: 10.1016/j.gene.2015.08.058.
- Botezatu A, Bleotu C, Nastase A, **Anton G**, Bacalbasa N, Duda D, Dima SO, Popescu I. *Epigenetic Silencing of GNMT Gene in Pancreatic Adenocarcinoma*, Cancer Genomics Proteomics. 2015, 12 (1), 21-30
- Iancu IV, Botezatu A, Plesa A, Huica I, Sopcolov D, **Anton G**, *Histone lysine demethylases as epigenetic modifiers in HPV-induced cervical neoplasia*, Romanian Biotechnological Letters, 2015, 20 (2), 10236-10237
- Comanescu C, Bleotu C, Huica I, Radulescu M, Grancea C, **Anton G**, *Non-invasive method for the evaluation of IL-6 and IL-10 levels in patients with chronic hepatitis C*, Romanian Biotechnological Letters, 2015, 20 (6), 10921- 10927
- Plesa A, **Anton G**, Iancu IV, Diaconu CC, Huica I, Stanescu AD, Socolov D, Nistor E, Popa E, Stoian M, Botezatu A. *Molecular variants of human papilloma virus 16 E2, E4, E5, E6 and E7 genes associated with cervical neoplasia in Romanian patients.* Arch Virol. 2014, 159 (12), 3305-3320
- Cernescu E, Ruta S, Botezatu A, **Anton G**, Cernescu C, *Impact of education level and life-style related factors on high-risk HPV infections*, Romanian Biotech Lett, 2014, 19, 9272-9279
- Botezatu A, Socolov R, Socolov D, Iancu IV, **Anton G**, *Methylation pattern of methylene tetrahydrofolate reductase and small nuclear ribonucleoprotein polypeptide N promoters in oligoasthenospermia: a case-control study*, Reprod Biomed Online. 2014 28(2):225-31. doi: 10.1016/j.rbmo.2013.10.010
- Botezatu A, Socolov D, Iancu IV, Huica I, Plesa A, Ungureanu C, **Anton G**. *Methylene tetrahydrofolate reductase (MTHFR) polymorphisms and promoter methylation in cervical oncogenic lesions and cancer*, J Cell Mol Med. 2013, doi: 10.1111/jcmm.12032
- Bleotu C, Chifiriuc MC, Grigore R, Grancea C, Popescu CR, **Anton G**, Cernescu C, *Investigation of Th1/Th2 cytokine profiles in patients with laryngo-pharyngeal, HPV-positive cancers.* Eur Arch Otorhinolaryngol. 2013, 711-8. doi: 10.1007/s00405-012-2067-7
- Miron ND, Socolov D, Mares M, **Anton G**, Nastasa V, Morris RF, Virág K, Anghelache-Lupaşcu I, Deák J, *Bacteriological agents which play a role in the development of infertility*, Acta Microbiol Immunol Hung. 2013 ;60(1):41-53. doi: 10.1556/AMicr.60.2013.1.5.
- Hotnog D, Mihaila M, Botezatu A, Matei G, Hotnog C, Anton G, Bostan M, Brasoveanu LI, *Genistein potentiates the apoptotic effect of 5-fluorouracil in colon cancer cell lines.* Romanian Biotech lett, 2013, 6, 8751-8760
- Arsene C, Zarnescu O, Puiu M, **Anton G**, Botezatu A, Popa C, Cucu N, *Epigenetic approach of Prader-Willi syndrome diagnosis in Romanian population*, Romanian Biotechnological Letters, 2012, 17(6), 7846-7852
- Anton G**, Peltecu G, Socolov D, Cornitescu F, Bleotu C, Sgarbura Z, Telesman S, Iliescu D, Botezatu A, Goia CD, Huica I, Anton AC, *Type-specific human papillomavirus detection in cervical smears in Romania*, APMIS 2011, 3, ISSN 0903-4641
- Botezatu A, Goia-Rusanu CD, Iancu IV, Huica I, Plesa A, Socolov D, Ungureanu C, **Anton G**, *Quantitative analysis of the relationship between microRNA-124a, -34b and -203 gene methylation and cervical oncogenesis* Molecular Medicine Reports; 2011, 4, 121-128, Doi: 10.3892/mmr.2010.39
- Mihai M., Valentin N., **Anton G**, Bleotu C., Miron N., Socolov D. - *High prevalence of fluoroquinolones resistance in Ureaplasma and Mycoplasma strains isolated from infertile women under initial evaluation in north-east Romania* - Romanian Biotechnological Letters, 2011, 16, 5858-5862
- Huica I, Botezatu A, Iancu IV, Lupeanu E, Anton M, Goia CD, **Anton G**, *Genetic and epigenetic aspects in cardio-vascular disease and ageing*, Romanian Biotech Lett, 2011, 16, 6488-6496
- Bleotu C, Botezatu A, Goia C, Socolov D, Dragomir L, Popa E, Cornitescu F, Telesman S, **Anton G**, *hTERT expression as a potential diagnostic marker*, Romanian Biotechnological Letters, 2010, 15, 4922-4930,
- Botezatu A, Goia-Ruşanu CD, Stănescu AD, Iancu IV, Popa E, Nistor E, Huică I, **Anton G**, Pleşa A, *Nivelele de expresie a genelor WWP1, TGFβ și KLF5 noi posibili factori implicați în oncogeneza cervical*, Revista Romana de Medicina de Laborator, Revista Română de Medicină de Laborator 2011, 19, 47-54

Huică I, Botezatu A, Iancu IV, Lupeanu E, Anton M, Goia Rusanu CD, **Anton G**. *Genetic and epigenetic aspects in cardio-vascular disease and ageing*. Rom Biotech Lett, 2011, 16, 5488-96,

Goia CD, Iancu IV, Socolov D, Botezatu A, Lazariu AM, Huica I, Plesa A, **Anton G**, *The expression of cell cycle regulators in HPV-induced cervical carcinogenesis*, Rom Biotech Lett, 2010, 4, 5376-5383,

Ungureanu C, Socolov D, **Anton G**, Mihailovici MS, Teleman S, *Immunocytochemical expression of p16INK4a and HPV L1 capsid proteins as predictive markers of the cervical lesions progression risk*, Rom J Morphol Embryol. 2010;51(3):497-503.

Anton G, Socolov D, Sgarbura Z, Cornitescu F, Goia CD, Iancu IV, Plesa A, Teleman S, *DNA versus RNA methods for human papillomavirus detection in cervical samples* Gineco.ro, 2009, 5, 242-247.

Lăzăroiu AM, Comănescu M, Moldovan V, Secară D, Cîrstoiu M, Sajin M, Stoian M, Anton G., *Past experience of SUUB's Pathology Department in classic based cervico-vaginal cytology*. Rom J Morphol Embryol, 2009; 50(4): 619-623,

Socolov D, **Anton G**, Anton AC, Anton E, Socolov RV, Teleman S, Melinte A, Boiculescu L, Stoian M *Electrosurgical loop excision/conisation for cervical intraepithelial neoplasia in an algorithm that excludes punch biopsy—a study of 210 cases*, Chirurgia 2009 ;104(3):295-301,

Socolov D, **Anton G**, Anton E, Teleman S, Anton AC, Carauleanu A, Socolov R, *Distributia genotipurilor virusului papiloma uman la paciente din zona Moldovei*, Gineco.Ro, 2008, 4, 248-252,

Diaconu CC, Bleotu C, Chivu M, Alexiu I, Petrusca D, **Anton G**, Achim R, Ruta S, Cernescu C— *The development of larger cells that spontaneously escape senescence – a step during the immortalization of a human cancer cell line – J. Cell Mol. Med.* 2004, 8, 93-101

Plesa A, **Anton G**, Diaconu C., Achim R, Repanovici R, Cernescu C, - *Cloning and expression of the L1 major capsid protein of HPV 18 in murine cells - Int. J. Molec. Med.* 2003, 12, 1021-1026,

Muti A, Alexiu I., Chivu M, Petica M, **Anton G**, Bleotu C, Diaconu C, Popescu, C, Jucu V, Cernescu C - *Detection of human papillomavirus gene sequences in cell lines derived from laryngeal tumors- J.Cell.Mol.Med.* 2001, 1(5), pp 49-59,

Repanovici R, Plesa A, **Anton G** – *Transforming of E. coli cells by pH2.3 plasmid DNA treated with psoralens plus near UV light – J. Photochem. Photobiol.* 1998, B 37, 26-30

Lucrari in jurnale indexate BDI

□ Rosca A, **Anton G**, Ene L, Iancu I, Temereanca A, Achim CL, Ruta AM, *Immunoassay and molecular methods to investigate DNA methylation changes in peripheral blood mononuclear cells in HIV infected patients*, J Immunoassay and Immunochem. 2016, <http://dx.doi.org/10.1080/15321819.2016.1260587>

Antipa C, Bleotu C, Grancea C, Rosu AO, **Anton G**, Ruta S, *Viral serological and molecular data on possible involvement of herpes viruses in periodontal disease*, Singapore Dental J, 2016, 37, 15-19

Iancu I.V., Pleșa A, Botezatu A, Huică I., Stănescu A. D., Socolov D, **Anton G**. *E5HPV16 mRNA expression pattern analysis in patients with cervical lesions in viral status context*. Roum Arch Microbiol Immunol. 2015; Vol 74 (Nr 1-2), 33-39

□ Comănescu C, Arama V, Grancea C, Bleotu C, Radulescu M, Tiliscan C, Botezatu A, **Anton G**, *The performance of a rapid test for anti-HCV screening in oral fluids*, Roum Arch Microbiol Immunol. 2015; Vol 74 (Nr 1-2), 40-45

□ Rosca A, **Anton G**, Ruta S, *microRNA biogenesis and its role in HIV-1 infection*, Roum Arch Microbiol Immunol, 2014, 73, 84-91

□ Cernescu EC, **Anton G**, Ruță S, Cernescu C. *The effectiveness of cytological rescreening in the reduction of false negative/positive Pap reports.*, Roum Arch Microbiol Immunol. 2013, 72(2):93-104

□ Hotnog D, Mihaila M, Iancu IV, Matei GG, Hotnog C, **Anton G**, Bostan M, Brasoveanu LI, *Resveratrol modulates apoptosis in 5-fluorouracil treated colon cancer cell lines*, Roum Arch Microbiol Immunol, 2013, 72, 255-264

□ Goia-Ruşanu CD, Iancu IV, Botezatu A, Socolov D, Huică I, Pleșa A, **Anton G**. *Mitochondrial DNA mutations in patients with HRHPV-related cervical lesions*. Roum Arch Microbiol Immunol. 2011, 70(1):5-10

□ Iancu IV, Botezatu A, Goia-Ruşanu CD, Stănescu A, Huică I, Nistor E, **Anton G**, Pleșa A. *TGF-beta signalling pathway factors in HPV-induced cervical lesions*. Roum Arch Microbiol Immunol. 2010 Jul-Sep;69(3):113-8.

□ Ungureanu C, Teleman S, Socolov D, **Anton G**, Mihailovici MS., *Evaluation of p16INK4a and Ki-67 proteins expression in cervical intraepithelial neoplasia and their correlation with HPV-HR infection*, Rev Med Chir Soc Med Nat Iasi, 2010, 114(3):823-828;

□ Bleotu C, Popescu CR, **Anton G**, Pleșa A, Grigore R, Welt L, Aldea I, Dragușel R, Chivu M, Matei G, Cernescu C, *Tracking down of laryngo-pharyngeal metastasis*. Roum Arch Microbiol Immunol. 2010 Jul-Sep;69(3):153-63.

□ Bleotu C, Plesa A, Iancu IV, Huica I, Dragușel R, Socolov D, Teleman S, Iliescu D, Peltecu G, **Anton G**, *Role of p14 INK4A, hTERT and kras in early detection of gynecological malignancies*, Proc. Rom Acad, 2009, 1, 25-30, ISSN 1454-8267

□ Goia CD, Iancu IV, Huica I, Botezatu A, Socolov D, Teleman S, Dragodan AV, Antipa C, **Anton Gabriela**, *Epstein -Barr virus and Chlamidia Trachomatis as cofactors in cervical carcinogenesis*, Proc Rom Acad, 2009, 1, 9-14,

□ Bleotu C, Plesa A, Botezatu A, Goia C, Dragușel R, Socolov D, Cornitescu F, Teleman S, **Anton G**, *k-ras expression -marker of dysplasia and cancer*, acceptat Roum Arch Microbiol Immunol 2009, 4, 195-200,

□ Opreșan G, Szmal C, Dinu S, Opreșoreanu AM, Thiers V, Panait M, Oțelea D, Mavromara P, Ruță S, Sultana C, Alexiu I, Manolescu L, **Anton G**, Grancea C, Neagu A, Sencovici C, Calistru PJ, Târdei G, Moțoc A, Lazăr S, Ionescu C, Ceaușu E, Cristea C, Voiculescu G, Brehar-Ciofleac D, Popovici D, Chicin G, Clai Ci C, *Comparative methods for genotyping hepatitis C virus isolates from Romania.*, Roum Arch Microbiol Immunol. 2009 ;68(3):151-7

□ Botezatu A, Socolov, D, Goia CD, Iancu IV, Ungureanu C, Huica I, **Anton G**, *The relationship between HPV16 and HPV16 viral load and cervical lesions progression*, Roum Arch Microbiol Immunol, 2009, 68, 175-182,

□ Bleotu C, Botezatu A, Goia CD, Socolov D, Cornitescu F, Teleman S, Huica I, Iancu IV, **Anton G**, *P16INK4a –a possible marker in HPV persistence screening*, Roum Arch Microbiol Immunol, 2009, 68, 183-189,

□ Iancu IV, Stănescu AD, Botezatu A, Huică I, Goia CD, Popa E, Nistor E, **Anton G**, Pleșa A, *Cellular and viral markers in HPV related cervical lesions progression*, Proc. Rom. Acad., Series B, 2009, 11, 19-23,

□ Melinte A, Socolov D, Anton AC, Teleman S, **Anton G**, Ungureanu C, Goia C, *Compliance la programul de urmarire a pacientelor cu leziuni displazice cervicale diagnosticate prin citotest*, Revista Societatii Romane de Ginecologie Oncologica, 2009, 1, 52-54,

□ Botezatu A, Iancu I, Popa E., Constantin M, Cucu N, **Anton G**- *Epigenetic modifications of p16, E-cadherin, RARβ and DAPK gene promoters in breast cancer.*- Proceedings of Romanian Academy - B, 2008, 10, 163-167,

□ CD Goia, C Bleotu, C Antipa, AR Lupu, M Cloșca, O Ciocan, **Anton G**- *Correlation between pro- and anti-apoptotic gene expression and telomerase activity in B-cell lymphomas*- Proceedings of Romanian Academy Series B, 2008, 10, 169-174, ISSN 1454-8267

□ **Anton G**, Anton M, Lăzăroiu A, Pleșa A. - *p16 (INK4A) methylation in carcinoma of cervix*, Rom J Genetics, 2006, 2, 43-46,

- ▣ Achim R., Plesa A, **Anton G**- *Expression of E7 humanpapillomavirus type 16 gene in a prokaryotic system* –Romanian Journal of Genetics, 2005 1(1), pp27-31,
- ▣ Achim R, Pleșa A, **Anton G**- *Sinteza unor proteine recombinante (E7 și E6-E7) ale virusului papiloma uman 16 cu potențială utilizare clinică*– INGIMED 2005, 1, 1–5,
- ▣ Socolov Demetra, Anton Ana-Cristina, **Anton G**, Teleman S, Petica M, Repanovici Rodica - *A case control study on HPV presence in cervical dysplasias and cancer*- Proc. Rom. Acad. 2001, 3, 167-170,
- ▣ Socolov D, Anton AC, Socolov R, **Anton G**, *Rolul tiparii virale a HPV- studiu pe 78 cazuri*- Rev.Med.Chirurgie Med.Nat. Iasi 2011, 105 (supl), 128-134,
- ▣ **Anton G**, Achim R, Plesa A, Repanovici R –*HPV and human cytomegalovirus DNAs in patients suspected of condylomatosis or papillomatosis* - Rom J. Virol, 1998, 49, 83-88.
- ▣ **Anton G**, Achim R, Plesa A, Repanovici R – *Is the human papillomavirus DNA present in penile warts?* - Rom J. Virol, 1999, 50, 40-44
- ▣ Cîrciumaru R, **Anton G**, Stoian M, Repanovici R., *Detection of polynucleotide fragments using hybridization with probes labelled with digoxigenin*, Rev Roum Virol. 1994 Jan-Jun;45(1-2):11-8
- ▣ D.C. Gheorghe, C.Ardelean, **Anton G** , *Virological and immunological aspects in the juvenile laryngeal papillomatosis* - Rom J Virol. 1999, 50, 91-97
- ▣ Stoian M, **Anton G**, Achim R, Repanovici R, *Presence of papillomavirus infections in genital lesions of women in Romania*, Rom J Virol. 1995 ;46(1-2):43-50.
- ▣ Anton M, **Anton G**, Repanovici Rodica – *Comparison between various techniques of molecular biology used for the detection of HPV DNA* – J. Med. Biochem., 1999, 3, 321-326.
- ▣ Achim R, **Anton G**, Stoian M., Repanovici R– *Nucleic acid blot hybridization with fragmented digoxigenin labeled probes in human papilloma virus DNA screening* – Rev. Roum. Virol. 1993, 45, 109-114,

ANEXA 2

Lista granturi

director proiect (ultimii 10 ani)

1. Up-grading of a center for the study of oncogenesis and viral oncolysis as a therapeutic strategy (ONCOIVN), POSCCE, Axa prioritară 2 Operațiunea 2.2.1: Proiect 433/21.12.2012 (2012-2015)
2. Cellular and molecular mechanisms involved in cervical dysplasia regression, PNII 41030 (2007-2010)
3. Markers for diagnosis and management criteria in cervical HPV infection. CEEX 119(2006-2008)
4. The methylation profile of genes in cervical cancer - molecular biomarker for monitoring and prognostic. VIASAN 380 (2004-2006)
5. Correlations between viral and cellular genes in various genital cancers in women. PNCDI -VIASAN 168 (2002-2005)

responsabil proiect (ultimii 10 ani)

1. Metabolomics, genetics and epigenetic approach of atherosclerotic processes and risk of cardiovascular disease development in aging. Therapeutic implications. PN II 62053 (2008-2011)
2. Correlation of clinical, genetic and epigenetic aspects involved in the etiology of Prader Willi / Angelman syndromes: model approach of multidisciplinary rare diseases in Romania. PN II 42113 (2008-2011)
3. Promoting psychiatric genetics research in Romania through international partnership. CEEX 122(2006-2008)
4. Experimental studies on transfected human mesenchymal stem cells for the development of innovative therapeutic strategies in glioblastoma. CEEX 176 (2006 – 2008)
5. The study of genetic stability induced by epigenetic factors in the morphogenesis of mammary tumors: implications for diagnosis and treatment. CEEX 119 (2006-2008)
6. Integrating the techniques of molecular biology and cytogenetic tests in the diagnosis of tumor splenomegaly - etiopathogenic factors, prognostic and therapeutic implications. CEEX 96 (2006-2008)