**PERSONAL
INFORMATION**

Ioana Berindan- Neagoe

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🌐 <http://www.umfcluj.ro/en/genomiccenter>
http://www.umfcluj.ro/en/home_medf

WORK EXPERIENCE

- 01/10/2015–Present **Professor Medical Biotechnology - Doctoral School**
Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania,
Cluj Napoca (Romania)
Teoretical and practical teaching activities, as well as research education (Medical biotechnology, Functional Genomics, RNA interference and noncoding RNA - based nanomedicine in the field of personalized medicine, Systems biology)
- 10/2006–09/2015 **Associate Professor of Immunology**
Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania,
Cluj-Napoca (Romania)
Teacing activity in immunology for 2nd and 3th year students from general medicine, dentistry and pharmacy – English and French line
- 11/1997–Present **Head of the Molecular Biology Department**
The Oncology Institute Ion Chiricuta Cluj-Napoca (Romania)
Coordination of studies and research projects, establishment of new laboratories in the field of Molecular Biology, Functional Genomics and Transcriptomic research, PCR, RNA interference, immunogenomics, physiological chemistry, etc.
- 12/1989–11/1997 **Researcher**
The Oncology Institute Ion Chiricuta Cluj-Napoca (Romania)
Studies of tumor biology, in vitro and in vivo targeting, liposomes, microspheres nanoparticles, evaluation for research, cERB-B2, p53, PCNA

immunohistochemistry in breast malignancies
Molecular biology, biochemistry, immunology, experimental pathology

EDUCATION AND TRAINING

- 1992–2002 **PhD in Chemistry Nr. 262/23.05.2003**
Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University , Cluj-Napoca (Romania)
The Role of some cell adhesion molecules in oncology. Skills in immunology - 18.12.2002
- 09/1980–06/1985 **Degree in Chemistry- physics Nr.1797/1 nov.1984**
Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University , Cluj-Napoca (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	C2	C2	C2
DALF					
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Common European Framework of Reference for Languages

- Organisational / managerial skills**
- May 2016 – present** Coordinator Research Center for Advanced Medicine – Medfuture,Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- March 2012-present** Director of the Research, Development and Innovation Department at the Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania
- June 2010 – present** Director of Research Center of Functional Genomics, Biomedicine and Translational Medicine at University of Medicine and Pharmacy
- June 2009 – present** Research & Development Director - The Oncology Institute Ion Chiricuta Cluj-Napoca

ADDITIONAL
INFORMATION

- Visiting Professor** **August 2014 – August 2016** – Visiting Professor Universitatea Texas, MD Anderson Cancer Center, Houston, TX
March 2004 – April 2004 - Visiting Professor Universite De Orleans, France
- International specializations** **August 2014 - August 2015** - Fullbright Scholarship – Senior Award, The University of Texas MD Anderson Cancer Center, Texas, SUA
November 2006 - Mai 2007, August- September 2007 - Project Evaluator Project Management Research - Dana Farber Cancer Institute to Harvard Medical School, Boston, USA
April, 1st – April, 15th, 2004 - International Course: Biotechnology Internship at AACR, Los Angeles - Anaheim, USA
March – April, 2002 - CHI Molecular Medicine, San Francisco , Santa Clara, USA
April 15th, 2000 – May 15th, 2000 - Molecular biology , Institut Goustave Roussy, Villejuif, France
July, 1999 - International Course: Biomembranes and Molecular medicine, Cluj-Napoca, România
September 1st, 1993 – Septembrie 7th, 1993 -Proficiency in Invasion and Metastasis, University of Ghent, Belgium
March 29th, 1993 - July 1st, 1993 - Molecular biology, genetics and physiologic chemistry – Tempus scholarship , University Faculty Notre Dame de la Paix , Namur, Belgium
September 1st, 1990 - October 1st, 1990 - Upgrading Scholarship Cell and Molecular Biology , Institut Pasteur, Paris, France
- Patents**
- Molecular Non-Invasive Diagnosis of Bladder Cancer (Superficial) Floareş Alexandru, Fersigan Marius, Braicu Cornelia, Petric Roxana Maria, Berindan - Neagoe Ioana, OSIM Registration Number A / 00984 / 8.12.2016
 - Multitarget method for apoptosis activation in triple negative breast tumor cells. Authors: Braicu Cornelia, Pileczki Valentina, Neagoe Ioana Cornelia Stanca, Irimie Alexandru, Registration number at OSIM A/00082/31.01.2014
 - Method of predicting the response to radio-chemotherapy in cervical cancer through functional genomic studies "Authors: Oncological Institute" Prof.Dr. I. Chiricuță "Cluj-Napoca (Representatives: Bălăcescu Ovidiu Daniel and Bălăcescu Loredana); and University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj-Napoca (Representatives: Irimie Alexandru, Berindan- Neagoe Ioana) OSIM registration number: A / 10036/2011 / patent no 128780 / 26.02.2016
 - Noninvasive method for detecting prostate cancer based on the evaluation of a panel of genes involved in angiogenesis mechanism Registration number at OSIM A/10030/2010

- Intelligent system for clinical decision support for breast cancer diagnosis by non-invasive methods, based on artificial intelligence (Alexandru Irimie, Alexandru Floares, Ovidiu Blacescu, Ioana Neagoe) Registration number at OSIM A/10038/2010

Editorial board

- Non coding RNA MDPI

(<http://www.mdpi.com/journal/ncrna/editors>)

- Medicine and Pharmacy Reports

<http://www.umfcluj.ro/educatie-ro/reurseedu-ro/revistaclujulmedical-ro>

Organizer / Co-organizer of international and national conferences

- April 21st-22nd, 2018 Academic Adviser
- April 13th, 2017 Medical Imaging – Standardization and its Impact on Patient Care
- October 28th, 2016 RESEARCH BRIDGES – THE CONFLUENCE IN SCIENTIFIC QUALITY, Cluj Napoca, România – Prof Dr. George A Călin – MD Anderson, SUA
- June 12th, 2014 - OECI 2014 - Oncology Days, Cluj Napoca, Romania
- Iunie 13th-14th 2014 - Days of the Oncological Institute Prof.Dr. I.Chiricuță, Cluj Napoca, România
- November 7th- 9th, 2012 - How To Write A Success Paper In Impact Factor Journals, Cluj- Napoca, România (organizing committee)
- November 2nd-3rd , 2012 - French-Romanian Hematologic Workshop: second edition: Lymphoma, Leukemia, Myeloma (organizing committee)
- September 10th-12th, 2012- International Workshop Molecular Profiling And Innovation In Cancer, Cluj- Napoca, România (organizing committee)
- April 20th, 2012- Molecular Pathobiology – short Course, Cluj-Napoca, România (organizing committee)
- April 18th – 20th, 2012 - ESO-OECI Course Cancer Molecular Pathobiology In The Clinics: Highlights, Cluj-Napoca, România (organizing committee)
- September 7th-9th, 2011 - Second International Congress on Comparative Oncology, Neptun, Romania (organizing committee, chairman)
- September 1st-3rd, 2011 - Franco-Roman Workshop - Chronic Myeloproliferative Diseases and Chronic Diseases, Cluj-Napoca, Romania (organizing committee)
- April 28th-30th, 2010- International Conference The Pathobiology And Molecular Biology Of Tumors, Cluj- Napoca, România (organizing committee)
- October 22th-24th, 2009 - The 19th Congress of the Romanian Society of Radiotherapy and Medical Oncology, Cluj-Napoca, Romania (scientific committee)
- October 24th-25th, 2008 - OECI Pathobiology Workshop: Cluj-Napoca, Romania

(organizing committee)

- December 5th-6th, 2007 - Functional Genomics Studies and Their Validation in Cancer Diagnosis And Therapy - Bioethical Conditions and European Legislation Pathcero, Cluj-Napoca, Romania (organizing committee)
- November 27th - 28th, 2007 - Workshop - Functional Genomics in Cancer Biology and Therapy - BIOGENERO, Cluj-Napoca, Romania (organizing committee)
- May 28th-31st, 2007 - European Conference - Functional Genomics in Cancer Biology and Therapy - European Perspectives - Oncological Institute "Prof. Dr. I. Chiricuță "Cluj-Napoca, Romania (organizing committee)
- July 2nd-12th, 2006 - International Summer School - Biogenero, Oncological Institute "Prof. Dr. I. Chiricuță "Cluj-Napoca, Romania (organizing committee)

Memberships

- Romanian Oncology Radiotherapy Society
- Romanian Cancer Society
- Romanian Society of Immunology
- Order of Biochemists, Biologists, Chemists in the Sanitary System in Romania (O.B.B.C.S.S.R)
- BUON - Balkan Union of Oncology
- ESGT - *European Society of Gene Therapy*
- European Society of Human Genetics
- EACR
- AACR

PhD Students 14 PhD Students from 2014 to present

Undergraduate Students 21 finished work completed

Empowerment Comissions Member of commissions for empowerment - 4

Doctoral guidance committee Member of 10 doctoral commissions
2 completed

H index WOS- 24; SCOPUS - 26

IF cumulated - citations 875,3
2329 (WOS) 2782 (SCOPUS)

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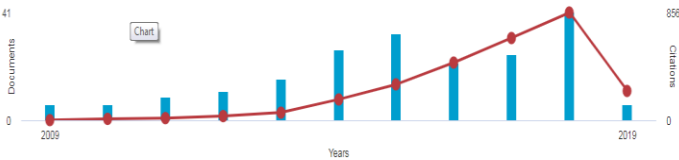
Other name formats: [Berindan Neagoe, I.](#) [Neagoe, Ioana](#) [Berindan-Neagoe, I.](#) [Neagoe, I.](#) [Berindan Neagoe, Ioana](#) [Neagoe, Ioana Berindan](#)

IB Berindan-Neagoe, Ioana,
 Institute of Oncology Cluj
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Annex 1 - Prizes and Awards

Pro Invent

- October 15th-17th, 2018 - International Warsaw Invention Show IWIS - Diploma of Excellence and Silver Medal for the invention entitled: Noninvasive molecular diagnostic test for bladder cancer; Noninvasive molecular diagnostic test for bladder cancer; (Floares Alexandru, Fersigan Marius, Berindan-Neagoie Ioana, Braicu Cornelia, Petric Roxana-Maria)
- March 22th-24th, 2017 - Pro Invent - 15th edition - Diploma of Excellence and the Golden Medal - granted by: Technical University of Cluj-Napoca, under the aegis of MEN, Academy of Technical Sciences of Romania Cluj Branch, Title: "Non-invasive bladder cancer molecular diagnostic test", Cluj-Napoca, Romania (Floares Alexandru, Fersigan Marius, Braicu Cornelia, Petric Roxana, Neagoie Ioana-Cornelia-Stanca)
- March 23th-25th, 2016 - Pro Invent – 14th edition Cluj-Napoca, România - Diploma of Excellence and the Golden Medal with special mention : " Multidimensional method of inducing apoptosis in triple negative breast tumor cells " (Braicu Cornelia, Pileczki Valentina, Irimie Alexandru, Neagoie Ioana-Cornelia-Stanca)
- March 25th-27th, 2015 - Pro Invent - 13th edition Cluj-Napoca, România - Diploma of Excellence and the Golden Medal., Titlu: " "Multidimensional method of inducing apoptosis in triple negative breast tumor cells" (Braicu Cornelia, Pileczki Valentina, Neagoie Ioana-Cornelia-Stanca, Irimie Alexandru)
- May 21th-25th, 2014 - EuroInvent, Iasi - Diploma of Excellence and the Golden Medal - awarded by: Romanian Inventors Forum - Title: "Multipurpose method of inducing apoptosis in cells triple negative breast tumor "(Braicu Cornelia, Pileczki Valentina, Irimie Alexandru, Neagoie Ioana-Cornelia-Stanca)
- March 19th-21th, 2014 – “Pro Invent” International Exhibition of Scientific Research, Innovation and Inventics, 1^{2th} edition, Cluj-Napoca, Romania - Excellence Award and the Gold Medal– Special Prize for patent activity in the field of cancer (Ioana Neagoie)
- March 19th-22th, 2013 - “Pro Invent” International Exhibition of Scientific Research, Innovation and Inventics, 11th edition, Cluj-Napoca, Romania – Excellence Award and the Gold Medal (Alexandru Irimie, Ioana Neagoie, Ovidiu Balacescu, Alexandru Floares)
- March 27th-30th, 2012 – “Pro Invent” International Exhibition of Scientific Research, Innovation and Inventics, 10th edition, Cluj-Napoca, Romania – Excellence Award and the Gold Medal with Special Mention – Group of Inventions (Ovidiu Balacescu, Loredana Balacescu, Ioana Neagoie, Alexandru Irimie)
- March 22th-25th, 2011 – “Pro Invent” International Exhibition of Scientific Research, Innovation and Inventics, 9th edition, Cluj-Napoca, Romania – Excellence Award and the Grand Prize of the Exhibition – Intelligent system for clinical decision support for breast cancer diagnosis by non-invasive methods, based on artificial intelligence (Alexandru Irimie, Alexandru Floares, Ovidiu Blacescu, Ioana Neagoie)
- April 1st-4th, 2008 – “Pro Invent ” International Exhibition of Scientific Research, Innovation and Inventics, 6th edition, Cluj-Napoca, Romania – Excellence Award and the Silver Medal – Posttranscriptional control of gene expression in malignant tumors. RNA interference in the biology and treatment of cancer (Victor Cristea, Ioana Neagoie, Ovidiu Balacescu, Alexandru Irimie, Oana Tudoran, Roxana Ola)

Awareness Of Research Results – Articles

- PN-III-P1-1.1-PRECISI-2018-23256 Minimal residual disease in chronic lymphocytic leukemia: A consensus paper that presents the clinical impact of the presently available laboratory approaches
CRITICAL REVIEWS IN CLINICAL LABORATORY SCIENCES
- PN-III-P1-1.1-PRECISI-2018-23255 Current Insights into Oral Cancer Epigenetics

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES

- PN-III-P1-1.1-PRECISI-2018-23232 - Restoring the p53 'Guardian' Phenotype in p53-Deficient Tumor Cells with CRISPR/Cas9 - TRENDS IN BIOTECHNOLOGY
- PN-III-P1-1.1-PRECISI-2018-23226 - Therapeutic potential of songorine, a diterpenoid alkaloid of the genus Aconitum EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY
- PN-III-P1-1.1-PRECISI-2018-23223 Cancer-associated rs6983267 SNP and its accompanying long noncoding RNA&ITCCAT2&IT induce myeloid malignancies via unique SNP-specific RNA mutations GENOME RESEARCH
- PN-III-P1-1.1-PRECISI-2018-23220 - Exosomes-Small Players, Big Sound - BIOCONJUGATE CHEMISTRY
- PN-III-P1-1.1-PRECISI-2018-23213 - Chimeric Antigen Receptor T-Cells for the Treatment of B-Cell Acute Lymphoblastic Leukemia - FRONTIERS IN IMMUNOLOGY
- PN-III-P1-1.1-PRECISI2018-21465 Seroprevalence of Bartonella species, Coxiella burnetii and Toxoplasma gondii among patients with hematological malignancies: A pilot study in Romania - ZOOZOSES AND PUBLIC HEALTH
- PN-III-P1-1.1-PRECISI2018-21293 CRISPR/Cas9: A Potential Life-Saving Tool. What's next? MOLECULAR THERAPYNUCLEIC ACIDS
- PN-III-P1-1.1-PRECISI2018-21882 A Looking-Glass of Non-coding RNAs in oral cancer INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
- PN-III-P1-1.1-PRECISI-2018-23538 The new era of nanotechnology, an alternative to change cancer treatment DRUG DESIGN DEVELOPMENT AND THERAPY
- PN-III-P1-1.1-PRECISI-2018-29169 Aberrant miRNAs expressed in HER-2 negative breast cancers Patient JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH
- PN-III-P1-1.1-PRECISI-2018-28734 PEGylated Gold Nanoparticles with Interesting Plasmonic Properties Synthesized Using an Original, Rapid, and Easy-to-Implement Procedure JOURNAL OF NANOMATERIALS
- PN-III-P1-1.1- PRECISI-2018- 29011 Incognito: Are Microchimeric Fetal Stem Cells that Cross Placental Barrier Real Emissaries of Peace? STEM CELL REVIEWS AND REPORTS
- PN-III-P1-1.1- PRECISI-2018- 27603 Targeting ncRNAs by plant secondary metabolites: The ncRNAs game in the balance towards malignancy inhibition BIOTECHNOLOGY ADVANCES
- PN-III-P1-1.1-PRECISI-2018-28144 Fibroblast dynamics as an in vitro screening platform for anti-fibrotic drugs in primary myelofibrosis JOURNAL OF CELLULAR PHYSIOLOGY
- PN-III-P1-1.1-PRECISI-2018-29067 Differential Effect of Smoking on Gene Expression in Head and Neck Cancer Patients International Journal of Environmental Research and Public Health
- PN-III-P1-1.1- PRECISI-2018- 29074 Phytol: A review of biomedical activities FOOD AND CHEMICAL TOXICOLOGY
- PN-III-P1-1.1- PRECISI-2018-29211 OncomiR-10b hijacks the small molecule inhibitor linifanib in human cancers SCIENTIFIC REPORTS
- PN-III-P1-1.1-PRECISI-2018-27601 Overview upon miR-21 in lung cancer: focus on NSCLC CELLULAR AND MOLECULAR LIFE SCIENCES
- PN-III-P1-1.1-PRECISI-2018-26977 In Vitro Transcriptome Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
- PN-III-P1-1.1-PRECISI-2018-25994 Decoding of the Emerging Patterns Exhibited in Non-coding RNAs Characteristic of Lung Cancer with Regard to their Clinical Significance CURRENT GENOMICS
- PN-III-P1-1.1-PRECISI-2018-24324 Genetic alterations in sporadic triple negative breast cancer

BREAST

- PN-III-P1-1.1-PRECISI-2018-24567 The Unforeseen Non-Coding RNAs in Head and Neck CANCER GENES
 - PN-III-P1-1.1-PRECISI-2018-24705 RNA interference: new mechanistic and biochemical insights with application in oral cancer therapy INTERNATIONAL JOURNAL OF NANOMEDICINE
 - PN-III-P1-1.1-PRECISI-2018-24708 MiR-181 family-specific behavior in different cancers: a meta-analysis view CANCER AND METASTASIS REVIEWS
 - PN-III-P1-1.1-PRECISI-2018-24918 The silent healer: miR-205-5p up-regulation inhibits epithelial to mesenchymal transition in colon cancer cells by indirectly up-regulating E-cadherin expression CELL DEATH & DISEASE
 - PN-III-P1-1.1-PRECISI-2018-25089 The role of the pathology department in the preanalytical phase of molecular analyses CANCER MANAGEMENT AND RESEARCH
 - PN-III-P1-1.1- PRECISI-2017- 17687 The use of rotation to fentanyl in cancer related pain JOURNAL OF PAIN RESEARCH
 - PN-III-P1-1.1- PRECISI-2017- 20370 Nutrigenomics in cancer: Revisiting the effects of natural compounds SEMIN CANCER BIOL
 - PN-III-P1-1.1-PRECISI2017-18587- Understanding the Role of Non-Coding RNAs in Bladder Cancer: From Dark Matter to Valuable Therapeutic Targets INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
 - PN-III-P1-1.1- PRECISI-2017- 14465- CRISPR/Cas9: Transcending the Reality of Genome Editing- MOLECULAR THERAPYNUCLEIC ACIDS
 - PN-III-P1-1.1- PRECISI-2017- 14548 - Future trends and emerging issues for nanodelivery systems in oral and oropharyngeal cancer INTERNATIONAL JOURNAL OF NANOMEDICINE
 - PN-III-P1-1.1- PRECISI-2017- 14671-The "good-cop bad-cop" TGF-beta role in breast cancer modulated by non-coding RNAs BIOCHIMICA ET BIOPHYSICA ACTA GENERAL SUBJECTS
 - PN-III-P1-1.1- PRECISI-2017- 14914 - Non-coding RNAs, the Trojan horse in twoway communication between tumor and stroma in colorectal and hepatocellular carcinoma ONCOTARGET
 - PN-III-P1-1.1- PRECISI-2017- 15086 - N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration GENOME BIOLOGY
 - PN-III-P1-1.1- PRECISI-2017- 15101- MicroRNAs as a tool to aid stratification of colorectal cancer patients and to guide therapy PHARMACOGENOMICS
 - PN-III-P1-1.1- PRECISI-2017- 15422 - Dietary Intervention by Phytochemicals and Their Role in Modulating Coding and NonCoding Genes in Cancer INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
 - PN-III-P1-1.1- PRECISI-2017- 15488 - Antibody Conjugated, Raman Tagged Hollow Gold–Silver Nanospheres for Specific Targeting and Multimodal DarkField/SERS/Two Photon-FLIM Imaging of CD19(+) B Lymphoblasts ACS APPLIED MATERIALS & INTERFACES
 - PN-III-P1-1.1- PRECISI-2017- 15684 - Combining Anti-Mir-155 with Chemotherapy for the Treatment of Lung Cancers CLINICAL CANCER RESEARCH
 - PN-III-P1-1.1- PRECISI-2017- 16726 - Novel Palladium(II) Complexes that Influence Prominin-1/CD133 Expression and Stem Cell Factor Release in Tumor Cells MOLECULES
 - PN-III-P1-1.1- PRECISI-2017- 17635 - Novel insight into triple-negative breast cancers, the emerging role of angiogenesis, and antiangiogenic therapy EXPERT REVIEWS IN MOLECULAR MEDICINE
 - PN-III-P1-1.1- PRECISI-2017- 17675 - Gold nanoparticles enhance the effect of tyrosine kinase inhibitors in acute myeloid leukemia therapy INTERNATIONAL JOURNAL OF NANOMEDICINE

- PN-III-P1-1.1- PRECISI-2016- 11863 - Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2 MOLECULAR CELL
- PN-III-P1-1.1- PRECISI-2016- 11933 – The clinical and biological significance of MIR- 224 expression in colorectal cancer metastasis GUT
- PN-III-P1-1.1- PRECISI-2016- 11668 - Current Insights into Long Non-Coding RNAs in Renal Cell Carcinoma INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
- PN-III-P1-1.1- PRECISI-2016- 11054 - Design of FLT3 Inhibitor - Gold Nanoparticle Conjugates as Potential Therapeutic Agents for the Treatment of Acute Myeloid Leukemia NANOSCALE RESEARCH LETTERS
- PN-III-P1-1.1- PRECISI-2016- 12290 Blood Genome-Wide Transcriptional Profiles of HER2 Negative Breast Cancers Patients – MEDIATORS OF INFLAMMATION
- PN-III-P1-1.1- PRECISI-2016- 12287 - Baseline blood immunological profiling differentiates between Her2– breast cancer molecular subtypes: implications for immunomediated mechanisms of treatment response ONCOTARGETS AND THERAPY
- PN-III-P1-1.1- PRECISI-2016- 13143 - Evaluation of cellular and molecular impact of zearalenone and Escherichia coli co-exposure on IPEC-1 cells using microarray technology BMC GENOMICS
- PN-III-P1-1.1- PRECISI-2016- 13113 - Microarray based gene expression analysis of Sus Scrofa duodenum exposed to zearalenone: significance to human health BMC GENOMICS
- PN-II-RU-PRECISI- 2015-9-8347 - Progresses towards safe and efficient gene therapy vectors ONCOTARGET
- PN-II-RUPRECISI-2015-9- 9388 - Can we change our microbiome to prevent colorectal cancer development? ACTA ONCOLOGICA
- PN-II-RUPRECISI-2015-9- 9697 - Zearalenone Mycotoxin Affects Immune Mediators, MAPK Signalling Molecules, Nuclear Receptors and GenomeWide Gene Expression in Pig Spleen ONCO TARGETS THER
- PN-II-RUPRECISI-2015-9- 9467 - Exosomes as divine messengers: are they the Hermes of modern molecular oncology? CELL DEATH AND DIFFERENTIATION
- PN-II-RUPRECISI-2015- 9-9844 Pharmacokinetics Evaluation of Carbon Nanotubes Using FTIR Analysis and Histological Analysis JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY
- PN-II-RUPRECISI-2015- 9-9847 - Exposure to zearalenone mycotoxin alters in vitro porcine intestinal epithelial cells by differential gene expression TOXICOL LETT
- PN-II-RU-PRECISI- 2015-9-10311 - A simplified interventional mapping system (SIMS) for the selection of combinations of targeted treatments in non-small cell lung cancer ONCOTARGET
- PN-II-RU-PRECISI- 2015-9-10310 - Epigallocatechin-3-gallate suppresses cell proliferation and promotes apoptosis and autophagy in oral cancer SSC-4 cells ONCOTARGETS AND THERAPY
- PN-II-RU-PRECISI- 2015-9-10286 - The Synthesis and Antiproliferative Activities of New ArylideneHydrazinyl-Thiazole Derivatives INT J MOL SCI
- PN-II-RU-PRECISI- 2015-9-10136 - Interspecies Gene Name Extrapolation—A New Approach PLOS ONE
- PN-II-RU-PRECISI- 2015-9-10140 - Phytochemicals modulate carcinogenic signaling pathways in breast and hormone-related cancers ONCOTARGETS AND THERAPY
- PN-II-RU-PRECISI- 2015-9-10211 - Junk DNA and the long non-coding RNA twist in cancer genetics ONCOGENE
- PN-II-RU-PRECISI- 2015-9-10217 - PDGF beta targeting in cervical cancer cells suggest a fine-tuning of compensatory signalling pathways to sustain tumourigenic stimulation JOURNAL OF CELLULAR AND MOLECULAR MEDICINE

- PN-II-RU-PRECISI- 2015-9-10233 - Molecular Pathways: microRNAs, Cancer Cells, and Microenvironment CLIN CANCER RES
- PN-II-RU-PRECISI- 2015-9-10283 - Clinical and pathological implications of miRNA in bladder cancer INTERNATIONAL JOURNAL OF NANOMEDICINE
- PN-II-RUPRECISI-2015-9- 10381 - MicroRNAs as biomarkers for graft-versus-host disease following allogeneic stem cell transplantation ANNALS OF HEMATOLOGY
- PN-II-RU-PRECISI-2015-9- 10383 - The role of microRNAs in the pathogenesis of HIVrelated lymphomas CRITICAL REVIEWS IN CLINICAL LABORATORY SCIENCES
- PN-II-RU-PRECISI-2015-9- 10385 -Pseudogene INTS6P1 regulates its cognate gene INTS6 through competitive binding of miR-17-5p in hepatocellular carcinoma ONCOTARGET
- PN-II-RU-PRECISI-2014-8-7222 - One step synthesis of SERS active colloidal gold nanoparticles by reduction with polyethylene glycol COLLOID SURFACE A
- PN-II-RU-PRECISI-2014-8-7350 - Electrochemical immunosensors in breast and ovarian cancer CLINICA CHIMICA ACTA
- PN-II-RU-PRECISI-2014-8-7148 - Gene expression profiling reveals activation of the FA/BRCA pathway in advanced squamous cervical cancer with intrinsic resistance and therapy failure BMC CANCER
- PN-II-RU-PRECISI-2014-8-6918 - Differential peripheral blood gene expression profile based on Her2 expression on primary tumors of breast cancer patients PLOS ONE
- PN-II-RU-PRECISI-2014-8-6457 - MicroRNAome Genome: A Treasure for Cancer Diagnosis and Therapy CA-CANCER J CLIN
- PN-II-RU-PRECISI-2014-8-6488 - Epigenetically regulated microRNAs and their prospect in cancer diagnosis EXPERT REV MOL DIAGN
- PN-II-RU-PRECISI-2013-7-3087 - Early Apoptosis Signals Induced by a Low Dose of Epigallocatechin 3-Gallate Interfere with Apoptotic and Cell Death Pathways J NANOSCI NANOTECHNOL. 2012 MAR;12(3):2113-9.
- PN-II-RU-PRECISI-2013-7-3150 - CCAT2, a novel noncoding RNA mapping to 8q24, underlies metastatic progression and chromosomal instability in colon cancer GENOME RES. 2013 Sep;23(9):1446-61
- PN-II-RU-PRECISI-2013-7-3188- Non-coding RNAs as Theranostics in Human Cancers J CELL BIOCHEM. 2012 MAY;113(5):1451-9.
- PN-II-RU-PRECISI-2013-7-3256 - CCAT2, a novel long non-coding RNA in breast cancer: expression study and clinical correlations ONCOTARGET 2013 Oct;4(10):1748-62
- PN-II-RU-PRECISI-2013-7-3019 -TNF- α Gene Knockout in Triple Negative Breast Cancer Cell Line Induces Apoptosis INT J MOL SCI. 2012 DEC 24;14(1):411-20
- PN-II-RU-PRECISI-2013-7-3029 - Epigallocatechin-3-Gallate (EGCG) inhibits cell proliferation and migratory behaviour of triple negative breast cancer cells J. NANOSCI. NANOTECHNOL, 2013 Jan;13(1):632-7
- PN-II-RU-PRECISI-2013-7-2561 Article Oxaliplatin induces different cellular and molecular chemoresistance patterns in colorectal cancer cell lines of identical origins BMC GENOMICS 2013 Jul 16;14:480
- PN-II-RU-PRECISI-2013-7-2598 - MicroRNAs and cancer therapy - from bystanders to major players CURR MED CHEM. 2013;20(29):3561-73
- PN-II-RU-PRECISI-2013-7-2668 - Combining the chemotherapeutic effects of epigallocatechin 3-gallate with siRNA-mediated p53 knock-down results in synergic pro-apoptotic effects INT J NANOMEDICINE. 2012;7:6035-47.

- PN-II-RU-PRECISI-2013-7-2743 - The relationship between the structure and biological actions of green tea catechins FOOD CHEM. 2013 Dec 1;141(3):3282-9
- PN-II-RU-PRECISI-2013-7-4019 - Another review on triple negative breast cancer. Are we on the right way towards the exit from the labyrinth?, THE BREAST, 2013 Dec;22(6):1026-33. Epub 2013 Sep 21
- PN-II-RU-PRECISI-2012-6-0291 - Early transcriptional pattern of angiogenesis induced by EGCG treatment in cervical tumour cells, J CELL MOL MED. 2012 MAR;16(3):520-30.
- PN-II-RU-PRECISI-2012-6-0302 - The Relationships Between Biological Activities and Structure of Flavan-3-Ols INT. J. MOL. SCI. 2011, 12(12), 9342-9353;
- 1764/2009 - Evaluation of tumor angiogenesis through VEGF modulation in ovarian cancer in vivo using RNA interference ROMÂNIAN BIOTECHNOLOGICAL LETTERS, VOL 14, NO. 4, 2009, PP 4560-4566, 1 IULIE 2009
- 1774/2009 - Apoptosis in cancer: Key molecular signaling pathways and therapy targets -ACTA ONCOLOGICA

OTHER AWARDS

- Certificate of Reviewing - Molecular Aspects of Medicine, 2019
- Ad Astra Award - The Life Sciences, 2018
- Prize for Education and research in the medical field - 3rd Edition Transylvanian Medical Elite Gala, 2018
- Certificate of Outstanding Contribution in Reviewing – Seminars in Cancer Biology, 2017
- Awareness Of Attendance Ability, 2014, PN-II-RU-ABIL-2014-1 3846/17.11.2014

Annex 2 - Conferences

- March 4th -8th, 2019, conference Biotherapeutics Analytical Summit, Alexandria, USA.
- August 13th -17th, 2018, conference The Bioprocessing Summit, Boston, USA, poster Exosomes isolation and processing to better mirroring the cell's interior life
- August 20th - 24th, 2018, conference Next Generation SUMMIT, Washington, DC, USA, poster EMT Mechanism modulation in breast cancer microenvironment through specific miRNA's – a step to regenerative medicine
- August 27th - 31st, 2018, conference Immuno Oncology Summit, Boston, USA – Powering Next generation Targeted Immunotherapies, poster Mir-125 miR-125b – A Selective TP53 Dependent Inhibitor of Colon Cancer and Possible Novel Activator of Immune Response
- March 2nd-3rd, 2018, The 7th Congress of Non-Communicable Chronic Diseases
- August 28th -31st, 2017, The Immuno-Oncology Summit Poster Breast Cancer Microenvironment Modulation Through EMT Mechanism Through Specific miRNAs
- June 26th-27th, 2017, WIN 9th SYPOSIUM 2017, Paris, France
- June 21st-23th, 2017, OECI 2017, Oncology Days Brno, Republica Ceha
- June 12th-13th, 2017, Personalization of medicine in the "omic" era Noncoding RNAs presentation and their therapeutic potential
- April, 26th, 2017, Medicine, Art, Culture - Cancer and the battle of genes
- April 21st-23th, 2017, Stop Cancer Symposium, Bucharest, non-coding RNA presentation
- March 20th - 24th, 2017, The Immuno-Oncology Summit Europe, London, UK poster Are PD 1 / PD-L1 inhibitors related to apoptotic mechanisms in colorectal cancer?
- December 5th-9th, 2016, Cancer Research Methods: Progress Challenges and Opportunities Workshop "Exosomes presentation: Their potential role in genomic transfer of resistance to therapy"
- February 24th-25th, 2017, National Conference Non-communicable Chronic Diseases - Bucharest, Romania - presentation Personalized medicine, cancer precision medicine: Quo vadis
- August 28th - September 1st, 2016, The Immuno-Oncology Summit Poster Genomic Characterization of miRNAs in Colorectal and Bladder Cancer Released to Immune Evasion
- October 20th, 2016, REGHEALTH PROJECT FINAL CONFERENCE "Bridging the divide in European Health Research and Innovation Brussels, Belgium
- June 29th – 30th, 2015, WIN SYMPOSIUM, Paris, Franța WIN posters (P7.03 Next generation sequencing for BRCA1/2 mutation detection in triple negative breast cancer patients Laura Pop, Roxana Cojocneanu-Petric, Oana Zănoagă, Ioana Berindan-Neagoe; P7.04 Differential plasma miRNA expression profiles in double positive breast cancer and triple negative breast cancer Sergiu Chira, Ancuța Jurj, Cornelia Braicu, Valentina Pileczki, Laura Pop, Roxana Cojocneanu- Petric, Patriciu Achimaș-Cadariu, Alexandru Irimie, Ioana Berindan-Neagoe; P7.05 Clinical implication of miRNA profiling in bladder cancer and its related target genes Ioana Berindan-Neagoe, Cornelia Braicu, Ancuța Jurj, Sergiu Chira, Roxana Cojocneanu-Petric, Alexandru Floareș, Bogdan Petruț, Alexandru Irimie; P7.07 MicroRNAs and lncRNAs fingerprints after epigallocatechin-3-O-gallate, genistein and their combination treatments in colon cancer cells - Ioana Berindan-Neagoe, Valentina Pilescki, Xinna Zhang, Crisitina Ivan, Cornelia Braicu, George Adrian Călin; P3.05 siRNA therapy improves antitumor effect of doxorubicine in Hs578T, an in vitro model for triple negative breast cancer Liviuta Budișan, Cornelia Braicu, Eve Ponthière, Mahafarin Maralani, Valentina Pileczki, Ioana Berindan-Neagoe; P4.11 Gold nanoparticles conjugated with rituximab lower the chemoresistance of chronic lymphocytic leukemia Oana

Zănoagă, Ioana Frîncu, Ciprian Tomuleasa, Sanda Boca-Farcău, Timea Simon, Sorina Suorășan, Mihnea Zdrenghea, Cristi Berce, Bobe Petrușhev, Simion Aștilean, Delia Dima, Ioana Berindan-Neagoe; P5.11 Caffeic acid phenethyl ester activates pro-apoptotic and epithelial-mesenchymal transition related genes in ovarian cancer A2780 and A2780cis cell lines- Ovidiu Leonard Braicu, Liviuța Budișan, Oana Zănoagă, Claudia Gherman, Valentina Pileczki, Cornelia Braicu, Alexandru Irimie, Ioana Berindan-Neagoe; P5.12 Activation of carcinogenic and immunomodulatory related networks in response to zearalenone exposure at the duodenal level Cornelia Braicu, Roxana Cojocneanu-Petric, Marin Daniela Eliza, Ionelia Țăranu, Ioana Berindan-Neagoe; P5.10 Gold nanoparticle-bioconjugates with tyrosine kinase inhibitors for acute myeloid leukemia- Ciprian Tomuleasa, Ioana Berindan-Neagoe

- November 21st, 2014 - NCI Shady Grove - invited speaker - Conference Triple Negative Breast Cancer. NIH, Bethesda, Maryland, USA
- June 23th-24th, 2014, WIN 2014 Symposium. Paris, France
- June 13th-14th, 2014, Days of the Oncological Institute "Prof.Dr.I.Chiricuță" Cluj- Napoca presentation Validation of molecular profiles in cancer through independent studies, Cluj-Napoca, Romania
- June 12th, 2014, OECD 2014 - Oncology Days Cluj-Napoca, Cluj-Napoca, Romania
- May 29th-31st, 2014, On a Form and Pattern An Interdisciplinary Workshop devoted to Morphogenesis, Bucharest, Romania
- November 28th-30th, 2013, 43th Annual Conference on Immunology, Bucharest presentation of Inflammasomes and the evaluation of the molecular profile of cancers, Bucharest
- November 29th-30th, 2013, 45 Years of Comparative Oncology in Romania - CCAT2 Presentation in Breast Cancer, Comparative Oncology Forum & USAMV Bucharest, Bucharest, Romania
- October 31st, 2013, From Genomics to proteomics, Biomedica, București, România
- October 17th -19th, 2013, The 23rd Annual Congress of the Romanian Society of Radiotherapy and Medical Oncology (SRROM) on the topic: Modern Approach to Oncology - Between Screening and New Therapeutic Methods, presentation– TNF siRNA as modulators of apoptosis and angiogenesis, in cell migration and invasion in Triple Negative Breast Cancer
- October 17th, 2013, SRROM Pre-Conversion Course with Current Theme in Molecular Therapy Targeted 2013
- October 10th-12th, 2013, Advanced school in modern trends and techniques in cancer biology, Arad, România –prezentare –Angiogenesis – mechanism and a possible target for treatment
- July 10th-12th, 2013, 2013 WIN SYMPOSIUM, Paris, France
- May 14th-16th, 2013, OEI 2013 General Assembly and Oncology Days Brussels, Belgium
- March 27th-29th, 2013, Academician Nicolae Cajal - Symposium - VIIth edition - Translational Oncology, Cell Therapy, Virology, - presentation - Next generation sequencing in personalized cancer therapy, Nicolae Cajal Foundation, Bucharest, Romania
- March 7th-9th, 2013, Symposium on Activities and Perspectives in Medical Investigations, Novaintermed & Romanian Society of Laboratory Medicine, Bucharest, Romania
- November 7th - 9th, 2012 - How to Write a Success Paper in Impact Factor Journals, Cluj-Napoca, Romania - presentation - Role of the team in the successful publication - who is the first author, "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj – Napoca
- October 18th-20th, 2012, National Congress of Medical Oncology and Radiotherapy, Sinaia, Romania, Romanian Society of Radiotherapy and Medical Oncology & Romanian Society of Radiotherapy

- September 27th-29th, 2012, The 42nd Annual Conference on Immunology, Society of Immunology in Romania, Bucharest, Romania
- September 10th-12th, 2012, International Workshop on Molecular Profiling and Innovation in Cancer, Cluj-Napoca - Presentation - Next generation sequencing in breast cancer - advantages and limitations▪ University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj-Napoca, Romania
- June 28th-29th, 2012, 2012 WIN SYMPOSIUM, Paris, France
- May 24th-26th, 2012, Third Regional Conference of Family Physicians - Northeast Development Region, with the theme: Developing the skills of the family doctor in the current legislative context Cancere genito mamare - from diagnosis to multimodal treatment, Cluj- Napoca, Romania, MFA & IOCN
- May 10th-13th, 2012, 13 th International Congress for Medical Students and Young Doctors -Medicalis, Cluj Napoca, Romania - presentation Expression profile features of key angiogenic proteins after VEGF inhibition,▪ Organization of Medical Students & University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj-Napoca, Romania
- May 3rd- 4th, 2012 , OECI-Eurocanplatform European Oncology Forum 2012 - Berlin
- April 18th-20th, 2012, ESO-OECI Course Cancer Molecular Pathobiology in Clinics: Highlights, Cluj-Napoca, Romania Molecular Diagnosis in Cancer, OECI & ESO & IOCN
- March 28th-30th, 2012 , Academician Nicolae Cajal –Symposium – VII th edition – Translational Oncology, Cell Therapy, Virology, - prezentare – Next generation sequencing in personalized cancer therapy, Foundation Nicolae Cajal, București, România
- March 23th-25th, 2012, The Medical Value of Clinical and Laboratory Diagnosis, Poiana Brașov, Romania, Association of Medical Laboratories in Romania.

Annex 3 - Projects

MANAGERIAL EXPERIENCE

- PN-III-P1-1.2-PCCDI2017-0737 Genomic population mapping of radioactively and heavy metals contaminated areas in order to increase national security ARTEMIS Project Director UMF (2018-2020)
- PN-III-P1-1.2-PCCDI-2017-0782 Innovative advanced approaches to predictive regenerative medicine REGMED Partnership Project manager IOCN (2018-2020)
- PN-III-P4-ID-PCE-2016-0795 Addressing the complex exposome profile in hormone-dependent cancers of the breast and prostate and its influence on tumoral genome – ACHILLE Project Director UMF (2017-2019)
- H2020-WIDESPREAD-2016-2017 ID 763560 Teaming Phase1 Romanian Centre of Excellence for Systems Immunology ROCSI Project Director UMF (2017-2018)
- POC-P_37_796 “Clinical and economic impact of personalized targeted therapies with anti - microARN in reconvertng resistance of malignant lung tumors”- CANTEMIR, Project Director: Prof. Dr. George Calin Director executiv proiect UMF (2016-2020)
- PN-II-CT-RO-ZA-2014 – 1 ctr.7 BM/2016 Use of new nanogold materials as delivery systems for modulation of MCL-1/p53 siRNA in ALL Project Director IOCN (2016-2017)
- American International School of Bucharest, Nr. Contract 1110/23.07.2015, MicroRNAs biomarkers of response to chemotherapy and overall survival in colon cancer Project Director UMF Principal investigator (2016-2017)
- SEE-027 - 1 / 25.06.2015 Innovative Nanoparticles-based Chemotherapy for Acute Myeloid Leukemia, Project Director UMF Conf.Dr. Andrei Cucuianu/Conf.Dr. Anca Bojan Partnership Project manager IOCN (2015-2016)
- ESR-14-10102/17.10.2014 (Astra Zeneca) “BRCA1 and BRCA2 mutation analysis in Romanian population: a study of genotype-phenotype correlation at diagnosis with prospective disease outcome and survival”.Project Director: Eniu Alexandru, Responsabil proiect UMF (2014-2016)
- PN-III-P1-1.1-MCD-2016-0049 MCD Mobility projects for researchers with experience from diaspora, Responsible host institution UMF (2016)
- POSCCE 2014 ID proiect 1946 - Development of integrated research infrastructure for advanced medicine and translational medicine in order to increase the scientific competitiveness from the international level in health domanis – MedFUTURE, Project Director: Prof.Dr. Alexandru Irimie, Scientific director UMF (2014 -2015)
- PN-II-PT-PCCA-2013-4-2166 ctr ctr. 128/2014 “New strategies for improving cancer patient’s quality of life and survival: molecular and clinical studies of cancer genome using depleted deuterium water model - GenCanD” Project Director UMF (2014-2017)
- PN-II-PT-PCCA-2011-3.2-1328 ctr 96/2012 Analysis of microRNA biomarkers as predictive values for cervical cancer treatment, in relationship with environmental exposure to arsenic, phthalates and ETS - Cervicall-arsen-array, Project Director: Ovidiu Balacescu, Partnership Project manager UMF (2012-2016)
- PN-II-PT-PCCA-2011-3.1-1221 ctr 125/2012 - Intelligent Systems for Recurrence and Progression Prediction in Superficial Bladder Cancer based on Artificial Intelligence and Microarray Data: tumor mRNA and plasma microRNA – IntelUro, Project Director SAIA: Alexandru Floares Partnership Project manager UMF (2012-2016)
- POSDRU /81/3.2/S/58819 System of training medical staff in new technologies in the healthcare system (molecular diagnostics)– TDM, Project Director INCD "Victor Babeş Conf. Dr. Mihail Hinescu Partnership

Project manager IOCN (2010-2013)

- POSCEE 2010 nr. 709/12683 Ctr 228/06.08.2010 - Clinical and economical impact of proteom and transcriptom molecular profiling in neoadjuvant therapy of triple negative breast cancer” BREASTIMPACT, Project Director UMF: Prof.Dr. Vladimir Lazar, Deputy DirectorUMF (2010-2014)
- PN II- MC 22/2008 - Multiplex laser based microarray angiogenesis profiling for detection of ovarian cancer Project Director UMF 2008
- PN II- Workshop 2008- WE -42/2008 Principles and applications of functional genomics in cancer biology and therapy Project Director UMF, 2008
- 2008-2011 Parteneriate 2008 ctr. 42-112/2008 Conditional gene therapy hepatocarcinom nanotechnology NANOGEN, Project Director UMF Dr.Graur Florin Partnership Project manager IOCN
- Parteneriate 2008 ctr 42-160/2008 , The identification of the transcriptomic molecular profiles in advanced stage cervical cancer using functional genomic studies.” CERVIX-ARRAY, Project Director IOCN: Dr. Ovidiu Balacescu, Partnership Project manager UMF (2008-2011)
- Parteneriate 2007 ctr. 41-010/2007 Improvement of early diagnosis and treatment of biliary ducts malignant stenosis using miniprobe intraductal ultrasound, microarray techniques and neoadjuvant photodynamic therapy - LASENDO, Project Director UMF:Prof.Dr. Marcel Tantau Partnership Project manager IOCN (2007-2010)
- CEEX 2006 Modul III ctr 105/2006 Promoting an integrated approach for research in cell and tissue pathology compared to adjust to European standards of local topics - PATHCERO, Project Director USAMV: Prof. Dr. Ioan Marcus Partnership Project manager IOCN (2006-2008)
- CEEX 2006 Modul I Viasan ctr. 189/2006 The comparative analysis of molecular profile in cystic lesions of pancreas. The use of microarray technique in the assessment of genomic expression level – PANARRAY, Project Director UMF: Prof. Dr. Victor Cristea Partnership Project manager IOCN (2006-2008)
- CEEX 2006 Modul I Viasan ctr. 180/2006 Development of a system biology approach for understanding he molecular and signaling patterns involved in the human prostate – MOLPAT, Project Director USAMV Laslo Ramona Partnership Project manager IOCN (2006-2008)
- CEEX 2006 Modul I Viasan ctr. 154/2006 Screening, prevention and correction of child genito-urinary congenital malformations through minimal invasive therapeutical techniques (laparoscopy, endoscopy – SCANURGENT, Project Director UMF Prof.Dr. Ioan Coman Partnership Project manager IOCN (2006-2008)
- CEEX 2006 Modulul III ctr 32/2006- Functional Genomics in Biology and Therapy of Cancer BIOGENERO, Project Director UMF: Prof. Dr. Victor Cristea Partnership Project manager IOCN (2006-2007)
- CEEX 2005 ctr.61/2005 Posttranscriptional control of gene expression in tumors. RNA interference in cancer treatment and biology. ARNiARRAY CEEX, Project Director UMF: Prof. Dr. Victor Cristea Partnership Project manager IOCN (2005-2007)
- CEEX 2005 ctr.63/2005 Improving diagnosis and therapy of prostate adenocarcinoma in the context of developing urinary tumor markers and minimally invasive interventions "PROMARKDIATER CEEX -63/2005 Viasan, Project Director UMF: Prof Dr. Ioan Coman Partnership Project manager IOCN (2005-2008)

MENTORED ACTIVITY

- PN-III-P1-1.1-BT-2016-0021 Young Scholarship Researcher Oșan Ciprian-Ioan – mentor
- Internal Grant UMF ctr. 4944/6 / 08.03.2016 "Identification of a gene-methylation profile of cancer-associated genes in squamous cell carcinoma" Alexandra Iulia Irimie – mentor

TEAM EXPERIENCE

- POCU/380/6/13 – cod 125171 Academy of Researchers Entrepreneurs in Medicine (2019- 2021), Member UMF
- PN-III-P1-1.2-PCCDI-2017-1- ctr 29PFE/18.10.2018 “ Increasing the performance of scientific research and technology transfer in translational medicine through the formation of a new generation of young researchers –ECHITAS“ (2018-2020)
- PN-III-P4-ID-PCCF-2016- 0112 “ Multifunctional magnetoplasmonic nanomaterials for point of care applications “ (IOCN)
- COST Action CA16113 (OC-2016-1-20724) CliniMark: good biomarker practice to increase the number of clinically validated biomarkers Member UMF, management team 2016
- FSS Fondul pentru finanțarea situațiilor speciale pe anul 2017 „The project for implement activities to identify and promote innovative student ideas, business ideas, promote an entrepreneurial environment, and student start-” Project Director UMF: Prof.Dr. Alexandru Irimie UMF (13.09.2017-31.12.2017)
- PN-II-RU-TE-2014-4-1464 Contract.307/2015 TGFβ signaling pathway tapering: an alternative to TGFtarget breast cancer therapy , Project Director: Dr.Braicu Cornelia UMF (2015-2017)
- POSDRU /159/1.5/S/138776 „ Institutional collaborative model for translating biomedical research into clinical practice " TRANSCENT Project Director UMF: Prof.Dr. Radu Badea, Partnership Project manager IOCN: Conf.Dr. Patriciu Achimas Cadariu IOCN (2014-2015)
- PN II Parteneriate PCCA 2013-4 ctr 127/2014 The behavior of oral mesenchymal cells in relation to a new composite material in modern regenerative periodontal therapy STEMMENT, Project Director UMF: Prof.Dr. Roman Alexandra UMF (2014-2017)
- PN II Parteneriate PCCA 2013-4 193/2014 Non-Invasive Intelligent Systems for Colorectal Cancer Diagnosis and Prognosis Based on Circulating miRNA Integrated in the Clinical Workflow – INTELCOR, Director proiect: Floares Alexandru (SAIA) Partnership Project manager UMF Tudor Ciuleanu UMF (2014-2017)
- PN II Parteneriate PCCA 137 2013-4 /2014 - Developing a method for real-time detection and isolation of circulating tumor cells from the bloodstream of cancer patients by means of image processing and pattern recognition -CTC VideoScop, Project Director UMF: Buiga Rares UMF (2014-2017)
- PN II Parteneriate PCCA 2013-4 196/2014 Modulation of pro/anticarcinogenic effect of toxic chemical agents in breast cancer multitargeted therapy CANCERTER-p53, Project Director UMF Dr. Cornelia BraicuUMF (2014-2017)
- PN II Parteneriate 103/2012 Evaluation of genetic diversity existing at Romanian cultivation level in order to obtain new hybrids with superior traits and increased productivity –ZEAHYBR, Project Director UBB: Dr.Mihai Miclaus, Partnership Project manager IOCN: Dr. Ovidiu Balacescu IOCN (2012-2016)
- PN II Parteneriate 102/2012" Impact of co-contamination of feed and improvement solutions to increase feed safety, animal health and food quality " PIGCONTROL, Project Director IOCN Dr. Cornelia Braicu IOCN (2012-2016)
- PCE_2011-3-0753, nr.277/05.10.2011 Early detection of post-therapeutic relapses in colorectal adenocarcinoma by tracking tumor and immunologic blood parameters, Project Director IOCN: Prof.Dr. Tudor Ciuleanu IOCN (2011-2014)

- IDEI 2008 nr. ctr. 1157 /2008, Titlul proiectului: “Evaluation of the combined cytostatic effect of temozolomide and anti-angiogenic factors on cell lines immortalized by glioblastoma multiforme”, Project Director: Prof. Dr. Ioan Stefan Florian UMF 2009-2011
- CNMP – 42110/2008 Identification of the molecular profile involved in detection, staging and immunological response in pancreatic cancer. Pangen, , IOCN (2008-2011)
- CNCSIS- IDEI –314 Identification by microarray of non-invasive tumor biomarkers in prostate cancer Project Director IOCN – Dr. Ovidiu Bălăcescu IOCN (2007-2010)
- CNMP- PC – 41-033/2007 Implementation of miniinvasive therapy in colorectal cancer, optimization of diagnosis and prognosis of disease correlated with the plasma level of angiogenic molecules in relation to VEGF – CELIOMARK, Project Director UMF Sef lucr Dr. Calin Ionescu, Partnership Project manager IOCN: Dr. Emilian Neagoie IOCN (2007-2010)
- Parteneriate 2007 nr. 41-029 ” The definition of the transcriptomic molecular profile in predicting clinical status in anthracycline resistant breast cancers. Defining metastatic disease in relation to primary tumor” Breast-Omics, Project Director UMF UMF (2007-2010)
- CNCSIS 1091 Integrated microarray system to evaluate the expression of DNA methylation genes and histone acetylation in malignant tumors UMF (2006-2008)
- CEEX Modul I Viasan ctr.147 /2006- Using micro- and tissue-array technologies to establish the molecular signature of epithelial ovarian tumors with low potential and high malignancy. Identification of candidate genes in angiogenesis. borderline tumors- MTARRAY, Project Director IOCN: Prof.Dr. Nicolae Ghilezan, Partnership Project manager UMF Prof Dr. Victor Cristea UMF (2006-2008)
- CEEX Modul I Viasan ctr.125/2006 The system with a reliable diagnostic quality control in the cancer screening program – CANSCREEN, Project Director UMF:Prof. Dr Andrei ACHIMAȘ-CĂDARIU Partnership Project manager IOCN: dr. Florian NICULA IOCN (2006-2008)
- CEEX –I ctr. 639/2005 Menner Assessing the risk of cancer in populations exposed to chronic heavy metals – RISCAMET, Project Director UMF: Prof. dr. Ioan Stelian Bocsan IOCN (2005-2007)
- VIASAN Major genetic syndromes in colorectal cancer. Methods of molecular investigation UMF (2004-2006)
- VIASAN Pharmacogenomic study in ovarian cancer by microarray technique. Technical and computer solutions for GSH1, BRCA1, Topo-II, ERCC1, XPA, MDR and modulation of p53, p21, BCL2, Bax, VCAM, avβ3, fibronectin, MMR and HMG1 gene expression. UMF (2004-2006)
- CNCSIS The role of angiogenic tyrosine kinase receptors in resistance to malignant tumor therapy. New therapeutic strategies - UMF (2004-2005)
- CNCSIS Multi-user research databases - Oncology Radiotherapy Research Center UMF (2000-2002)

Annex 4 - List of books / books chapter and publications

Books:

1. Molecular perspectives in oral cancer – An updated view –Alexandra Iulia Irimie, Simion Bran, Ioana Berindan-Neagoe, Cornelia Braicu, Diana Gulei,Ed Scoala Ardeleana Bucuresti, Eikon, 2018, ISBN 978-606-711-848-5/978-
2. Functional Genomics - Gene Microarray - Ioana Berindan- Neagoe, Ovidiu Bălăcescu, Alexandru Irimie, ISBN 978-973-757-900-3, 2013
3. Aging and immunity - Cătană Cristina, Ioana Berindan- Neagoe ISBN 3848428067 LAP LAMBERT ACADEMIC PUBLISHER AG & CO KG , 2012
4. Aging of immune system Cătană Cristina Sorina, Berindan Neagoe Ioana, Cristea Victor - ISBN 978-973-144-467-3 , 2011

Books chapter:

1. "Physiologic and Pathologic Angiogenesis - Signaling Mechanisms and Targeted Therapy", chapter Noncoding RNAs in Lung Cancer Angiogenesis - Ioana Berindan-Neagoe, Cornelia Braicu, Diana Gulei, Ciprian Tomuleasa and George Adrian Calin, book edited by Dan Simionescu and Agneta Simionescu, ISBN 978-953-51-3024-6, Print ISBN 978-953-51-3023-9, 251-281, 2017
2. Chronic myeloid leukemia - From therapy to tyrosine kinase inhibitors to transplantation - Chapter - Sequence applications of new generation in chronic myeloid leukemia– Laura Pop, Anca Jurj, Ioana Berindan Neagoe, Ed Eikon/Scoala Ardeleana, ISBN 978-606-711-430-0/ISBN 978-606-8770-98-7,2016, pg 36-42
3. Hematology in images – Emanuel Akin Abayomi, Cristian Berce, Ioana Berindan Neagoe, Anca Bojan, Mariana Chitic, Anca Colita, Delia Dima,Ioana Frinc, Ravnit Grewal, Cristiana Moldovan, Claudia Nicorici-Fekete, Mohamed Noor, Mariana Patiu, Bobe Petrushev, Andra Piciu, Laura Pop, Ana Maria Rosu, Cristina Selicean, Alina Tanase, Ciprian Tomuleasa, Adrian Trifa, Florin Zaharie, Mihai Muresan, Ed Scoala Ardeleana, Bucuresti, Eikon 2016, ISBN 978-606-8770-69-7; ISBN 978-606 -711-374-7, p 37-45
4. Hematological Chemotherapy – chapter Therapies based on monoclonal antibodies - Ciprian Tomuleasa, Bobe Petrushev, Laura Pop, Mariana Patiu, Anca Bojan, Ioana Berindan-Neagoe, Editura Scoala Ardeleana, Cluj Napoca, ISBN 978-606-5770-30-7, 2016, p 79-88
5. Renal Cell Carcinoma- chapter An Overview of Omics Technologies for Renal Cell Carcinoma Diagnosis and Profiling - Laura-Ancuța Pop, José Antonio López-Guerrero and Ioana Berindan-Neagoe, Ed SM Group, ISBN: 978-1-944685-66-9, 2016, pg 1-19
6. Cancer Research and Clinical Trials in Developing Countries A Practical Guide chapter Types of Research design – Fedor Moissenka, Cornelia Braicu, Ciprian Tomuleasa, Ioana Berindan – Neagoe, Editors: Stefan, Daniela Cristina ISBN 978-3-319-18443-2, (eBook) Springer 2016 pg 29-39
7. Digestive Oncology Compendium Volume III, Colon and rectal cancer - chapter Molecular Biology – Ioana Berindan Neagoe, Cornelia Braicu, George A. Călin, Editura Academiei Române ISBN 978-973-27-2567-2, 2015, p. 181-198
8. Digestive Oncology Compendium Volume III, Gastrointestinal Stromal Tumors – chapter Molecular Biology - Cornelia Braicu, Valentina Pilescki, Dana Gîza, George A. Călin, Ioana Berindan Neagoe, Editura Academiei Române ISBN 978-973-27-2567-2, 2015, p. 565-573
9. Genomic Applications in Pathology chapter MiRNA Expression Assays - Cornelia Braicu, Beatriz M.

- Maia, Ioana Berindan- Neagoe, George A. Călin ISBN 978-1-4939-0726-7 ISBN 978-1-4939-0727-4 (eBook) Springer , 2015, p 45-70
10. Nanopharmacology In Leukemia Chemotherapy – chapter 6 Nanopharmacology for acute myeloid leukemia – Bobe Petrushev, Ioana Frinc, Delia Dima, Cristian Berce, Sanda Boca, Timea Simon, Sonia Selicean, Grigore Gafencu, Monica Mihaela Marta, Mihnea Zdrengea, Adrian Florea, Simion Astilean, Ioana Berindan-Neagoe, Anca Bojan, Andrei Cucuianu, Ciprian Tomuleasa, Editura Scoala Ardeleana, Cluj Napoca, 2015. ISBN 978-606-8699-74-5, p 103-143
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42	Alexandra Dreancă, Radu A Popescu, Amalia Neagu, George Enacrachi, Iulia Cimpoș, Nicodim Fiț, Marioara Moldovan, Laura Silaghi Dumitrescu, Anca Jurj, Ioana Berindan-Neagoe, Ioan Marcus. <u>In vitro testing of a polylactic polymer synthesized from whey</u> . <i>Studia Universitatis Babes-Bolyai Chemia</i> , Volume: 63, 2018.2.09, Issue: 2, Pages: 93-103	0.305
	Total 2018	172.725

Meetings 2018

1	Pruteanu Lavinia Lorena; Braicu, Cornelia; Modos Derso; Jurj Anca; Raduly Lajos ; Cojocneanu-Petric, Roxana; Moldovan, Alin; Bender, Andreas; Berindan-Neagoe, Ioana -Understanding the effect of arsenic treatment on breast cancer cell lines using gene expression analysis - <i>Abstracts Of Papers Of The American Chemical Society</i> - Volume: 256, 242 ,2018,Meeting Abstract	BDI
2	Ghib L. J; Cojocneanu-Petric, R. ; Budisan, LMuntean, L; Filipescu I ; Berindan-Neagoe, I. Rednic, S - The diagnostic value of selected micrnas in patients with fibromyalgia associated with rheumatoid arthritis: a pilot study <i>Annals Of The Rheumatic Diseases</i> , Volume: 77 ,Pages: 463-464,Supplement: 2, Meeting Abstract: THU0518	12.35
	Total 2018 Meeting	12.35

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2	Irimie AI, Braicu C, Sonea L, Zimta AA, Cojocneanu-Petric R, Tonchev K, Mehterov N, Diudea D, Buduru S, Berindan-Neagoe I. <u>A Looking-Glass of Non- coding RNAs in oral cancer</u> . <i>Int J Mol Sci</i> . 2017 Dec 5;18(12). pii: E2620. doi:10.3390/ijms18122620	3.687

3	Obasi TC, Moldovan R, Toiu A, Braicu C, Bodoki E, Berindan-Neagoe I, Oniga I, Sandulescu R, Oprean R. <u>Molecular-trapping in Emulsion's Monolayer: A New Strategy for Production and Purification of Bioactive Saponins.</u> <i>Sci Rep.</i> 2017 Nov 6;7(1):14511. doi: 10.1038/s41598-017-15067-4	4.122
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27	Irimie AI, Braicu C, Zănoagă O, Pileczki V, Gherman C, Berindan-Neagoe I, Câmpian RS - <u>Epigallocatechin-3-gallate suppresses cell proliferation and promotes apoptosis and autophagy in oral cancer SSC-4 cells - <i>Onco Targets And Therapy</i>, 2015, Feb 20; 8:461-70</u>	2.272
28	Tomuleasa C, Dima D, Frînc I, Paţiu M, Petrushev B, Cucuianu A, Berindan- Neagoe I - <u>BCR-ABL1 T315I mutation, a negative prognostic factor for the terminal phase of chronic myelogenous leukemia treated with first- and second- line tyrosine kinase inhibitors, might be an indicator of allogeneic stem cell transplant as the treatment of choice- <i>Leukemia & Lymphoma</i>, 2015, Feb; 56(2): 546-7</u>	3.093

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31	Fischer-Fodor Eva, Miklas, Roman, Krausz Ludovic Tibor, ; Virag, Piroska, Moldovan Daniela Cristina, Schrepler, Maria Perde, Berindan-Neagoe Ioana, Devinsky, Ferdinand, Miklasova Natalia- <u>Immunomodulatory potential of palladium(II) complexes with (1E,6E)-1,7-bis (3,4-dimethoxyphenyl) hepta- 1,6-diene-3,5-dione</u> <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2015, Volume: 60, Issue: 2, Pages: 93-100	0.148
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2	Truta A; Braicu C; Pop LA; Jurj MA; Zanoaga, O; Chira, S; Raduly LZ; Petrut B, Petrut; Ghervan; Pop IV ; Berindan Neagoe I - Prognostic significance of CCND1 PIK3C3 and ATM in bladder cancer: a pilot study <i>European Journal Of Clinical Investigation</i> , 2015, Volume: 45, Pages: 86-87, Supplement: 2, Special Issue: SI, Meeting Abstract: S.49	2.687

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2	Dima D, Tomuleasa C, Irimie A, Florian IS, Petrushev B, Berindan-Neagoe I. , Cucuianu A. Magnetic resonance imaging- based diagnosis of progressive multifocal leukoencephalopathy in a patient with non-Hodgkin lymphoma after therapy with cyclophosphamide, doxorubicin, vincristine, prednisone, and rituximab. <i>Cancer</i> . 2014 Dec 15;120(24):4005-6	5.068
3	Grozav Adriana; Gaină Luiza Ioana; Pileczki Valentina; Crișan Ovidiu; Silaghi Dumitrescu Luminița; Therrien Bruno; Zaharia Valentin; Berindan- Neagoe Ioana , <u>The Synthesis and Antiproliferative Activities of New Arylidene-Hydrazinyl-Thiazole Derivatives</u> <i>Int. J. Mol. Sci.</i> , 2014, (dec) Volume: 15, Issue: 12, 22059-22072	2.862
4	Berindan-Neagoe Ioana; Călin, George A - <u>Molecular Pathways: microRNAs, Cancer Cells, and Microenvironment</u> , <i>Clinical Cancer Research</i> , 2014, (dec) 20, 24, Pages: 6247-6253	8.722
5	Braicu C, Cătană C, Călin GA, Berindan-Neagoe I., <u>NCRNA- Combined Therapy as Future Treatment Option for Cancer</u> - <i>Curr Pharm Des.</i> , 2014, (nov) 20(42):6565-74	3.452
6	Ionescu Călin; Braicu Cornelia; Chiorean Roxana; Petric Roxana Cojocneanu; Neagoe Emilian; Pop Laura; Chira Sergiu; Berindan-Neagoe Ioana - <u>TIMP-1 Expression in Human Colorectal Cancer Is Associated with SMAD3 Gene Expression Levels: A Pilot Study</u> - <i>Journal Of Gastrointestinal And Liver Diseases</i> , 2014, (dec), Volume: 23, Issue: 4, Pages: 413-418	2.202
7	Berindan-Neagoe I, Monroig Pdel C, Pasculli B, Călin GA. - <u>MicroRNAome genome: a treasure for cancer diagnosis and therapy</u> - <i>CA Cancer</i> , 2014, Sep-Oct;64(5):311-36	144.8
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15	Braicu Cornelia; Berindan-Neagoe Ioana; Pileczki Valentina; Cojocneanu- Petric Roxana; Pop Laura-Ancuța; Pușcaș Emil; Irimie Alexandru; Buiga Rareș - <u>Breast tumor bank: An important resource for developing translational cancer research in România</u> - <i>Cancer Biomark</i> , 2014, (jun) Volume: 14 Issue: 2-3 Pages: 119-127	1.721
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21	Ioana Frînc, Mihai-Ștefan Mureșan, Florin Zaharie, Ljubomir Petrov, Cristian Berce, Alexandra Irimie, Ioana Berindan-Neagoe, Ciprian Tomuleasa - <u>Cancer stem –like cells: the dark knights of clinical hematology and oncology</u> , <i>Journal Of B.U.O.N</i> , 2014, (april-jun) 19(2): 328-335	0.741
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24	Miron N, Feldrihan V, Neagoe IB, Cristea V- <u>The role of staphylococcal enterotoxin A in achieving oral tolerance to myelin basic protein in adult mice</u> - <i>Immunol Invest.</i> , 2014, (dec) Vol. 43, No. 3 , Pages 267-277	1.991
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	Total 2014	220.342

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2	Roxana Chiorean, Cornelia Braicu, Ioana Berindan-Neagoe - <u>Another review on triple negative breast cancer. Are we on the right way towards the exit from the labyrinth?</u> - <i>Breast</i> , 2013, (dec), Volume: 22 Issue: 6 Pages: 1026-1033	2.581

3	Cornelia Braicu, Michael R. Lodomery, Veronica S. Chedea, Alexandru Irimie, Ioana Berindan-Neagoe - <u>The relationship between the structure and biological actions of green tea catechins</u> - <i>Food Chem</i> , 2013, Volume 141, Issue 3, 1 December 2013, Pages 3282–3289	3.259
4	Braicu C.; Tudoran O.; Bălăcescu L.; Cătană C.; Neagoe E.; Berindan-Neagoe I.; Ionescu C. - <u>The Significance of PDGF Expression in Serum of Colorectal Carcinoma Patients - Correlation with Dukes Clasification. Can PDGF Become a Potential Biomarker?</u> - <i>Chirurgia</i> , 2013, (nov-dec) Volume: 108 Issue: 6 Pages: 849-854	0
5	Iulia Diaconu, Cecilia Cristea, Veronica Hârceagă, Giovanna Marrazza, Ioana Berindan-Neagoe, Robert Săndulescu, <u>Electrochemical immunosensors in breast and ovarian cancer</u> - <i>Clin Chim Acta</i> , 2013, Volume 425, 21 October 2013, Pages 128–138	2.764
6	Tomuleasa Ciprian; Cucuianu Andrei; Aldea Mihaela; Berindan-Neagoe Ioana - <u>Sorafenib for the treatment of solid malignancies: what about the cancer microenvironment?</u> - <i>Int J Nanomedicine</i> , 2013, (oct)Volume: 8 Pages: 4043-4044	4.195
7	Roxana S Rediș, Anieta M Sieuwerts, Maxime P Look, Oana Tudoran, Cristina Ivan , Riccardo Spizzo, Xinna Zhang, Vanja de Weerd, Masayoshi Shimizu, Hui Ling, Rareș Buiga, Victor Pop, Alexandru Irimie, Riccardo Fodde, Isabella Bedrosian, John WM Martens, John A Foekens, Ioana Berindan-Neagoe, George A Călin - <u>CCAT2, a novel long non-coding RNA in breast cancer: expression study and clinical correlations</u> - <i>Oncotarget</i> , 2013,(oct) Volume: 4 Issue: 10 Pages: 1748-1762	6.627
8	Nicolae Leopold, Vasile Chiș, Nicoleta E. Mircescu, Oana T. Marișca, Oana M. Buja, Loredana F. Leopold, Carmen Socaciu, Cornelia Braicu, Alexandru Irimie, Ioana Berindan-Neagoe - <u>One step synthesis of SERS active colloidal gold nanoparticles by reduction with polyethylene glycol</u> - <i>Colloid Surface A</i> , 2013, Volume 436, 5 September 2013, Pages 133–138,	2.354
9	Ling H, Spizzo R, Atlasi Y, Nicoloso M, Shimizu M, Redis RS, Nishida N, Gafà R, Song J, Guo Z, Ivan C, Barbarotto E, De Vries I, Zhang X, Ferracin M, Churchman M, van Galen JF, Beverloo BH, Shariati M, Haderk F, Estecio MR, Garcia-Manero G, Patijn GA, Gotley DC, Bhardwaj V, Shureiqi I, Sen S, Multani AS, Welsh J, Yamamoto K, Taniguchi I, Song MA, Gallinger S, Casey G, Thibodeau SN, Le Marchand L, Tiirikainen M, Mani SA, Zhang W, Davuluri RV, Mimori K, Mori M, Sieuwerts AM, Martens JW, Tomlinson I, Negrini M, Berindan-Neagoe I, Foekens JA, Hamilton SR, Lanza G, Kopetz S, Fodde R, Călin GA.- <u>CCAT2, a novel noncoding RNA mapping to 8q24, underlies metastatic progression and chromosomal instability in colon cancer,</u> <i>Genome Research</i> , 2013, (sept) Volume: 23 Issue: 9 Pages: 1446-1461,	13.852
10	Braicu Cornelia; Călin George A.; Berindan-Neagoe Ioana - <u>MicroRNAs and Cancer Therapy - From Bystanders to Major Players</u> - <i>Curr Med Chem</i> , 2013, (sept) Volume: 20 Issue: 29 Pages: 3561-3573	3.715
11	Braicu Cornelia; Pileczki Valentina; Irimie Alexandru; Berindan-Neagoe Ioana - <u>p53siRNA therapy reduces cell proliferation, migration and induces apoptosis in triple negative breast cancer cells</u> - <i>Mol Cell Biochem</i> , 2013, (sept)Volume: 381 Issue: 1-2 Pages: 61-68	2.388
12	Virag Piroska; Fischer-Fodor Eva; Perde-Schrepler Maria; Brie Ioana; Tatomir Corina; Bălăcescu Loredana; Berindan-Neagoe Ioana; Victor Bogdan; Bălăcescu Ovidiu - <u>Oxaliplatin induces different cellular and molecular chemoresistance patterns in colorectal cancer cell lines of identical origins</u> - <i>BMC Genomics</i> , 2013, (jul)Volume: 14	4.041
13	Braicu Cornelia; Gherman Claudia D.; Irimie Alexandru; Berindan-Neagoe Ioana <u>Epigallocatechin-3-Gallate (EGCG) Inhibits Cell Proliferation and Migratory Behaviour</u>	1.339

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14	Pileczki Valentina; Braicu Cornelia; Gherman Claudia D.; Berindan-Neagoe Ioana - <u>TNF-alpha Gene Knockout in Triple Negative Breast Cancer Cell Line Induces Apoptosis</u> , <i>Int J Mol Sci.</i> , 2013, (ian), Volume: 14 Issue: 1 Pages: 411-420	2.339
	Total 2013	51.303

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1	Tudoran OM; Soritau O, Balacescu O; Balacescu L; Lindberg S; Berindan- Neagoe I - Molecular and cellular signaling of PDGFB in cervical cancer cells <i>Molecular Cancer Therapeutics</i> , 2013, Volume: 12,Issue: 11, Supplement: S, Meeting Abstract: C6	6.107
	Total Meeting 2013	6.107

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2	Tudoran O, Sorițău O, Bălăcescu O, Bălăcescu L, Braicu C, Rus M, Gherman C, Virag P, Irimie F, Berindan-Neagoe I - <u>Early transcriptional pattern of angiogenesis induced by egcg treatment in cervical tumour cells</u> - <i>J Cell Mol Med.</i> , 2012, mar;16 (3):520-30	4.753
3	Rediș RS, Berindan-Neagoe I, Pop VI, Călin GA - <u>Non-coding RNAs as theranostics in human cancers</u> , <i>J Cell Biochem.</i> , 2012, may;113(5):1451-9	3.062
4	Berindan-Neagoe I, Chiorean R, Braicu C, Florian IS, Leucuța D, Crisan D, Cociș A, Bălăcescu O, Irimie A. <u>Quantitative MRNA expression of genes involved in angiogenesis, coagulation and inflammation in multiforme glioblastoma tumoral tissue versus peritumoral brain tissue: lack of correlation with clinical data</u> - <i>Eur Cytokine Netw</i> , 2012, jun;23 (2):45-55	1.896
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8	Lucian Negură, Anca Negură, Andrei Coneac, Ioana Berindan Neagoe, Doina Azoicăi, Alexandru Irimie - <u>Pathogenic intronic and deleterious benign variants: two extremes in cancer predisposition molecular diagnosis</u> - <i>Rev Romana Med Lab</i> , 2012, (dec) nr 12	0.097

9	Miron N, Şuşman S, Bălăcescu O, Buiga R, Berindan-Neagoe I, Cristea V, Bălăcescu L, Manolescu V, Ciuleanu TE - <u>Novel cellular and molecular approaches to stratification and treatment of colorectal – cancer – <i>J Gastrointestin Liver Dis</i>, 2012, dec;21 (4):413-21</u>	1.855
	Total 2012	23.386

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1	Virag, P; Balacescu, O.; Fischer-Fodor, E.; Perde-Schrepler, M; Tatomir, C. ; Balacescu, L.; Berindan-Neagoe, I. Alterations of Cellular and Molecular Patterns in Oxaliplatin Resistant Colorectal Adenocarcinoma Cell Lines- <i>European Journal Of Cancer</i> , Volume: 48, Pages: S60-S60, Supplement: 5, Meeting Abstract: 247, Published: JUL 2012,	5.061
	Total Meeting 2012	5.061

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2	Irimie A, Bălăcescu O, Burz C, Puşcaş E, Bălăcescu L, Tudoran O, Rus M, Fetica B, Lisencu C, Rediş R, Achimaş P, Berindan-Neagoe I, - <u>Prognostic significance of the serum level of different growth factors and their correlation with estrogen receptors in patients with locally advanced breast cancer - <i>Romanian Biotechnological Letters</i>, 2011, VOL 16, NO.5, 5523-5534</u>	0.349
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	Total 2011	6.463

Meeting Abstract 2011

1	Seicean Andrada; Balacescu Ovidiu; Stan-Iuga Roxana; Balacescu Loredana; Seicean Radu; Redis Roxana; Neagoe Ioana Berindan; Pascu Oliviu- Intracellular Signaling Pathway Genes Involved in Pancreatic Adenocarcinoma: A Microarray Tissue Analysis – <i>Gastroenterology</i> , 2011, Volume: 140, Issue: 5, Pages: S856-S856, Supplement: 1	11.675
	Total Meeting 2011	11.675

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1	Roxana Ola, Iulia D. Scorei, Ioana Berindan Neagoe, Ovidiu Bălăcescu, Mihai Bănicioiu, Anica Dricu - <u>S-adenosylmethionine - induced cytotoxicity in glioblastoma cells does not affect the igf-1r methylation</u> - <i>Rev Romana Med Lab</i> , 2010, VOL 18, NR 3/4	0.113
2	C. Burz, I. Berindan-Neagoe, O. Bălăcescu, N. Todor, D. Pelau, C. Floareș, G. Kacso, C. Tănaselia, M. Ursu, L. Vlase, S.E. Leucuța, V. Cristea, A. Irimie - <u>Oxaliplatin in patients with metastatic colorectal cancer: efficacy and pharmacokinetics parameters</u> - <i>Journal Of B.U.O.N</i> , 2010, 15: 263-269	0.482
3	Braicu C, Rugină D, Chedea VS, Tudoran O, Bălăcescu O, Neagoe I, Socaciu C - <u>Protective action of different natural flavan-3-ols against aflatoxin b1-related cytotoxicity</u> - <i>J FOOD BIOCHEM</i> , 2010, 34, 595–610	0.625
4	Braicu C, Berindan-Neagoe I, Chedea VS, Bălăcescu L, Brie I, Sorițău O, Socaciu C, Irimie A. - <u>Individual and combined cytotoxic effects of the major four aflatoxins in different invitro stabilized systems</u> - <i>J FOOD BIOCHEM</i> , 2010, 34(5), 1079–1090	0.625
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1	Berindan Neagoe, O. Balacescu, C. Burz, C. Braicu, L. Balacescu, O. Tudoran, T.Kaucsar, V.Cristea, A. Irimie. <u>P53 gene therapy using RNA interference</u> - <i>Journal Of B.U.O.N.</i> , 14,SEPT 2009, S 51-S 59	0.600
2	Seicean A, Popa D, Mocan T, Cristea V, Berindan-Neagoe I. - <u>Th1 and Th2 profiles in patients with pancreatic cancer compared with chronic pancreatitis</u> - <i>Pancreas.</i> , 2009 Jul;38(5):594-5	2.733
3	O Tudoran. I Berindan Neagoe, O Balacescu, E Dronca, C. Burz, L Balacescu, I Nedelea, Al. Irimie, O. Popescu, Al Irimie, V. Cristea.- <u>Evaluation of tumor angiogenesis through VEGF modulation in ovarian cancer in vivo using RNA interference</u> <i>Rom. Biotechnol. Lett.</i> , 2009 Vol 14, NO.4,4560-4566	0.152

4	Burz C, Berindan-Neagoe I, Balacescu O, Irimie A. - <u>Apoptosis in cancer: key molecular signaling pathways and therapy targets</u> - <i>Acta Oncol.</i> 2009, 48(6): :811-21	2.265
5	Burz C, Berindan-Neagoe I, Balacescu O, Tanaselia C, Ursu M, Gog A, Vlase L, Chintoanu M, Balacescu L, Leucuta SE, Irimie A, Cristea V. <u>Clinical and pharmacokinetics study of oxaliplatin in colon cancer patients</u> - <i>J Gastrointestin Liver Dis</i> , 2009 mar;18(1):39-43	1.265
	Total 2009	7.015

Meeting Abstract 2009

1	Burz, C; Balacescu, O; Neagoe I. Berindan; Tudoran O ; Balacescu L.; Irimie A. ; Leucuta S Pharmacogenomic identification of genes involved in apoptosis induced by oxaliplatin - <i>Annals Of Oncology</i> , 2009, Volume: 20, Pages: 33-33	5.647
	Total Meeting 2009	5.647

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3	Cristea, V ; Tudoran, O; Neagoe, Berindan, I; Balacescu, O.; Stugren, C; Achimas, P; Miron, N- The evaluation of inhibitory effect of RNA interference in vitro in ovarian cancer - <i>Allergy</i> , 2008, Volume: 63, Pages: 652-652, Supplement: 88, Meeting Abstract: 1809	6.204
4	Burz, C. C. ; Neagoe, B. I ; Balacescu, O; Tudoran, O ; Leucuta, S. ; Cristea, V. ; Irimie, A.-genomic analysis of gene involved in platinum compound resistance - <i>Annals Of Oncology</i> ,Volume: 19,Pages: 55- 55,Published: SEP 2008,	4.935
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