



## Europass Curriculum Vitae



### PERSONAL INFORMATION

First name(s) / Surname(s) **Adrian Streinu-Cercel**

### WORK EXPERIENCE

Dates	2020 – to date
Occupation or position held	Senior specialist – Infectious Diseases
Main activities and responsibilities	According to job description
Name and address of employer	National Institute of Infectious Diseases „Prof. Dr. Matei Balș” <a href="http://www.mateibals.ro">www.mateibals.ro</a>
Type of business or sector	Medicine
Dates	2012 – to date
Occupation or position held	Acad. Professor, University of Medicine and Pharmacy „Carol Davila” Bucharest
Main activities and responsibilities	According to job description (lectures, Ph.D coordinator, etc.)
Name and address of employer	University of Medicine and Pharmacy „Carol Davila”, 36 Dionisie Lupu street <a href="http://umf.ro">http://umf.ro</a>
Type of business or sector	Medicine, education
Dates	2012 – 2016
Occupation or position held	President of the University Senate, University of Medicine and Pharmacy „Carol Davila” Bucharest
Main activities and responsibilities	According to job description (management of the research activity in UMF „Carol Davila” etc.)
Name and address of employer	University of Medicine and Pharmacy „Carol Davila”, 36 Dionisie Lupu street <a href="http://umf.ro">http://umf.ro</a>
Type of business or sector	Medicine, education
Dates	1984 – 2020
Occupation or position held	General Manager of the National Institute of Infectious Diseases „Prof. Dr. Matei Balș” (see „Education and training” for stages)
Main activities and responsibilities	According to job description
Name and address of employer	National Institute of Infectious Diseases „Prof. Dr. Matei Balș” <a href="http://www.mateibals.ro">www.mateibals.ro</a>
Type of business or sector	Medicine, management
Dates	2009 – 2012
Occupation or position held	Secretary of State for the Ministry of Public Health

**CV Prof. Dr. Adrian Streinu-Cercel MD PhD**

Main activities and responsibilities According to job description  
 Name and address of employer Ministry of Public Health  
[www.ms.ro](http://www.ms.ro)  
 Type of business or sector Medicine, management

## WORK EXPERIENCE

Dates 2004 – 2012  
 Occupation or position held Chancellor of the University of Medicine and Pharmacy „Carol Davila” Bucharest (see „Education and training” for stages)  
 Main activities and responsibilities According to job description (lectures, Ph.D coordinator, management of the research activity in UMF „Carol Davila” etc.)  
 Name and address of employer University of Medicine and Pharmacy „Carol Davila”, 36 Dionisie Lupu street, Bucharest, Romania  
<http://www.umf.ro>  
 Type of business or sector Medical education  
 Dates 2006 – to date  
 Occupation or position held Professor – **Infectious Diseases**  
 – University of Medicine and Pharmacy “Carol Davila” Bucharest  
 Main activities and responsibilities According to job description:  
 Medical activities.  
 Teaching activities  
 Medical research activities  
 Medical publishing activity  
 Name and address of employer University of Medicine and Pharmacy „Carol Davila”  
 Type of business or sector Medical education

Dates 2003-2005  
 Name and address of employer University of Medicine and Pharmacy „Carol Davila”  
 Occupation or position held Associate Professor – Infectious Diseases  
 – University of Medicine and Pharmacy “Carol Davila”, Bucharest  
 Main activities and responsibilities Medicine, education  
 According to job description:  
 Medical activities.  
 Teaching activities  
 Medical research activities  
 Medical publishing activity

## EDUCATION AND TRAINING

Dates 1999  
 Name and type of organisation providing education and training University of Medicine and Pharmacy „Carol Davila”, Bucharest  
 Principal subjects/occupational skills covered Medicine  
 Title of qualification awarded PhD Doctor of Medicine with the Ph.D thesis: “New antibiotherapy approaches in acute purulent meningitis–discontinual antibiotherapy – applying Fuzzy logics, followed-up by originating a soft for monitoring antibiotherapy” (coordinator: Member of Academy Prof. Dr. Florin Căruntu)  
 Dates 1996  
 Occupation or position held Breakthroughs in pneumophtisiology – qualification program  
 Main activities and responsibilities  
 Name and address of 1994 -2003

employer	
Type of business or sector	University of Medicine and Pharmacy „Carol Davila” Medicine
Dates	Lecturer professor–Clinic number 2 of Infectious Diseases– Clinical Hospital of Infectious Diseases – UMF “Carol Davila” Bucharest
Dates	1994
Name and type of organisation providing education and training	The Complutense University – San Lorenza de El Escorial, Spania
Principal subjects/occupational skills covered	Infectious Diseases problems in the nineties
Title of qualification awarded	Expert
Dates	1994
Name and type of organisation providing education and training	Midwest AIDS Training and Education Center USA
Principal subjects/occupational skills covered	HIV/AIDS training program
Title of qualification awarded	Expert
Dates	1993
Name and type of organisation providing education and training	Public Health Department
Principal subjects/occupational skills covered	Medicine
Title of qualification awarded	Senior specialist– Infectious Diseases
Dates	1991
Name and type of organisation providing education and training	ACODESS (Association de Coopération pour le Développement des Services de Santé), Paris, Franța
Principal subjects/occupational skills covered	ACODESS Course (Formation des Directeurs d Hopitaux Universitaires et de District de la Roumanie a la Gestion Hospitaliere et au Management des Etablissements de Soins) –Rennes / France.
Title of qualification awarded	Diplomat in Medical Management
Dates	1990 -1993
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”
Principal subjects/occupational skills covered	Medicine, education
Title of qualification awarded	Universitary Assistant for Clinic number two of Infectious Diseases – Colentina
Dates	1984 -1990
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”
Principal subjects/occupational skills covered	Medicine, education

Title of qualification awarded	University fellowship – Colentina Hospital of Infectious Diseases– Clinic number two of Infectious Diseases, Bucharest
Dates	Since 1988
Name and type of organisation providing education and training	Public Health Department
Principal subjects/occupational skills covered	Medicine
Title of qualification awarded	Specialist doctor – Infectious diseases and epidemiology
Dates	1988
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest
Principal subjects/occupational skills covered	Current breakthroughs in the diagnosis and therapy of infectious diseases and syndromes – Carol Davila University, Bucharest
Dates	1984 – 1988
Name and type of organisation providing education and training	Colentina Clinic Hospital of Infectious Diseases, Bucharest
Principal subjects/occupational skills covered	Medicine, education
Title of qualification awarded	Fellowship Infectious Diseases – Colentina Clinic Hospital of Infectious Diseases, Bucharest
Dates	1982 -1984
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”
Principal subjects/occupational skills covered	Medicine, education
Title of qualification awarded	University fellowship – Physiopathology Department: Clinic Municipal Hospital Bucharest
Dates	1983 -1984
Name and type of organisation providing education and training	Colentina Clinic Hospital, Bucharest
Principal subjects/occupational skills covered	Medicine, education
Title of qualification awarded	Fellowship Surgery – Colentina Clinic Hospital, Bucharest
Dates	1982 -1983
Name and type of organisation providing education and training	N. Gh. Lupu Institute of Internal Medicine, Bucharest
Principal subjects/occupational skills covered	Medicine, education
Title of qualification awarded	Fellowship – Internal Medicine – N. Gh. Lupu Institute of Internal Medicine, Bucharest
Dates	1976 – 1982
Name and type of organisation providing education and training	Faculty of Medicine and Pharmacy, Carol Davila University Bucharest

organisation providing  
education and training  
Principal  
subjects/occupational skills  
covered  
Title of qualification  
awarded

General Medicine  
Medic – doctor

## PERSONAL SKILLS AND COMPETENCES

Native language Romanian  
Other language(s) English, French

• <i>Language</i>	<b>English</b>
• Reading	Excellent
• Writing	Excellent
• Speaking	Excellent
• <i>Language</i>	<b>French</b>
• Reading	Excellent
• Writing	Excellent
• Speaking	Excellent

## SOCIAL SKILLS AND COMPETENCES and ORGANISATIONAL SKILLS AND COMPETENCES

Since 2013 President of the Society of Infectious Diseases and HIV/AIDS

Since 2009 Member of Romanian Academy of Medical Science

Since 2009 President of the European HIV/AIDS and Infectious Diseases Academy

Since 2009 Vice-president of the Romanian Sepsis Society

Communication with the European Parliament – regarding HIV/AIDS – in September 2008, March 2009

Since 2009 Romanian representative in the international RSV Board

Since 2009 Romanian representative at Focal Point Copenhagen

2009 Member in the international board “I-C 3” (International quarter HCV hepatitis), vice-chairman CEE – representative on the national hepatitis board

2009 Founder of the European HIV/AIDS and Infectious Diseases Academy

Since 2008 President of the National Committee to Fight AIDS – Ministry of Public Health (MSP)

June 2008 Trainer Diploma- from the National Ministry of Education

2007-2008 President of the Committee of Infectious Disease and Fight against AIDS – Ministry of Public Health (MSP)

Since 2007 Manager – „Prof. Dr. Matei Balş” National Institute of Infectious Diseases

Since 2007 Scientific manager - „Prof. Dr. Matei Balş” National Institute of Infectious Diseases”

Since 2007 Member in the Scientific Council of the ANM (National Medicines Agency)

Since 2007 National Technical coordinator of the Romanian HIV Program-  
Competent body – European Center of Diseases Control – Stockholm

2005-2009 Counselor for the Ministry of Public Health

Since 2004 Member of the Palliation Committee

Since 2003 Member of the “European Society of Neuropathic Pain” Board,  
Barcelona

Since 2003 Member of the “European Society of Antifungal Chemotherapy”  
Board

Since 2002 Member of the “European Society of Chemotherapy Infectious  
Diseases” Board

2001-2003 Counselor for the Ministry of Health and Family

Since 2001 Romanian Society of Cardiovascular Cardiology

Since 2001 Member of the HIV/AIDS Board, Geneva

2000-2003 Romanian UN representative for the HIV/AIDS infection

Since 1998 Member of Agency for the Development of Education and  
University Research – the Ministry of National Education

1997-2006 President of the National Committee to Fight AIDS – Ministry of  
Health

1997-2007 General Manager – „Prof. Dr. Matei Balș” National Institute of  
Infectious Diseases”

Since 1997 Founding member, Vice-President of the “Dr. Hurbert Falk”  
Romanian Society For Liver Study

1996-1997 General Manager of the Direction for Preventive Medicine and  
Health Support – Public Health Department

Since 1996 Representative of the Bucharest Medical Board (CMB) and of the  
Romanian Medical Board (CMR)

Since 1993 Member of the Academy of Medical Sciences – New York

1993 Chief of clinic – Infectious Diseases Department II of the Colentina  
Clinical Hospital of Infectious Diseases

Since 1992 Canadian Public Health Association

1990-1997 Medical Director of the Colentina Clinical Hospital of Infectious  
Diseases

1988-1999 Counselor for the Ministry of Health

Since 1984 Member of the Romanian Society of Infectious Pathology

International Society for I.B-Boston Massachusetts

Designated Medical Practitioner – Canada

Member of the Bucharest Medical Board (CMB) and of the Romanian Medical  
Board (CMR)

Member of the International AIDS Society (IAS)

Member of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID)

Member of the American Association for the Study of Liver Diseases (AASLD)

Member of the European Association for the Study of the Liver (EASL)

#### **TECHNICAL SKILLS AND COMPETENCES**

Liver puncture biopsy  
Kidney puncture biopsy  
Specialist FibroScan – hepatic elastometry (LSM – liver stiffness measurement) and noninvasive liver test measurements (FibroMax, FibroTest, GenoFibroMax, etc.)

#### **COMPUTER SKILLS AND COMPETENCES**

Microsoft Office (Word™, Excel™ and PowerPoint™).  
Use of Power Point for creating and presenting medical lectures, courses and seminars for students  
Use of Word for license theses, specialty articles etc.  
Use of Excel for computing and assessing medical data  
Use of medical statistical software within scientific research projects

#### **DRIVING LICENCE**

B category

#### **AWARDS AND DISTINCTIONS**

2014, Bucharest: Excellency awards Medic.ro. Editura Press Pro International. Romanian Ministry of Health, Romanian National College of Physicians, National Health Insurance House.

October 2010, Craiova. Award for Medicine of the International Academy “Mihai Eminescu”. European Foundation “Mihai Eminescu”. International Academy “Mihai Eminescu”.

April 2010 National Order “Faithful Service” Comandor rank conferred by the President of Romania

2008 Excellency Award – Faculty of Medicine, University “Ovidius” Constanța, Romania

2007, Bucharest: Diploma Salonului de Carte Universitară, for the paper “Gripa umană și Aviară”, presented at: Cel de-al III-lea Salon Național de Carte Universitară. Carol Davila University of Medicine and Pharmacy Bucharest, “Carol Davila” University Publishing House.

2004 University Honor Diploma, Carol Davila University of Medicine and Pharmacy Bucharest.

2000 National Order “Faithful Service” officer rank conferred by the President of Romania– Presidential Decree No. 558 01.12.2000.

“Diplomă de Excelență pentru efortul depus și implicarea deosebită în lupta împotriva HIV/SIDA”. UNAIDS, Centrul Român HIV/SIDA.

#### Doctor Honoris Causa:

June 2016 Doctor Honoris Causa „Vasile Goldiș” West University, Arad, Romania

December 2013 Doctor Honoris Causa – Universitatea „Petre Andrei” din Iași, România

June 2013 Doctor Honoris Causa – University of Oradea, Romania

May 2010 Doctor Honoris Causa – “Ovidius” University Constanța, Romania

November 2010 Doctor Honoris Causa – University of Medicine and Pharmacy „Nicolae Testemițanu”, Chișinău, Republic of Moldova

December 2009 Doctor Honoris Causa of the University of Medicine and Pharmacy “Gr.T. Popa” Iași, Romania

## **EDITORIAL ACTIVITY**

Since 2011 Editor-in-chief for the journal GERMS (Web of Science Core Collection ESCI, PubMed Central)

Member of the Advisory Board: Romanian Journal of Laboratory Medicine. ISI.

Member of the Editorial Advisory Board: Romanian Journal of Internal Medicine. eISSN 2501-062X. ESCI.

Member of the Editorial Council, Scientific Publishing Committee: Maedica, a Journal of Clinical Medicine. ISSN 1841-9038, e-ISSN 2069-6116, ISSN-L 1841-9038. BDI, PubMed, EBSCO.

Member of the Editorial Board: Journal of Medicine and Life. BDI, PubMed

Member of the Editorial Board: Romanian Journal of Medical and Dental Education. BDI

Since 1997: Member of the Editorial Board: Romanian Journal of Infectious Diseases. BDI

Member of the Editorial Board: Medicina Moderna. BDI. Scopus, EBSCO, DOAJ, Index Copernicus.

Member of the Editorial Board: Journal of Contemporary Clinical Practice. ISSN-L 2457-7200 BDI.

Since 2008 Member of the editorial board of Journal of Medicine and Life (international databases, CNCSIS B+, PubMed)

2005-2019 Member of the editorial board of the journal Infectio.ro. ISSN 1841-348X, e-ISSN 2066-8236, ISSN-L 1841-348X. BDI

Editor-in-chief for the journal Therapeutics, Pharmacology and Clinical Toxicology (international databases, CNCSIS B+)

2011 Editor-in-chief for the journal Clinical Infectious Diseases (ISI) – Romanian language edition

2011 Editor-in-chief for the journal The Lancet Infectious Diseases (ISI) – Romanian language edition

## **SCIENTIFIC EVENTS**

2020 – Scientific Expert Reviewer for the Italian Ministry of Health. Evaluation of research projects submitted to the Italian Ministry of Health Biomedical Call for Grants 2019.

October – November 2018 – Scientific Expert Reviewer for the Italian Ministry of Health. Evaluation of applied clinical and biomedical research projects submitted to the Italian Ministry of Health Call for Grants 2018.

May 2015 – review and evaluation of research projects submitted to the Italian



Ministry of Health Call for Grants 2013

Member of the abstract review committee for the 14th European AIDS Conference (EACS 2013)

Chairman/organizing committee of scientific events:

- Central and Eastern European Meeting on Viral Hepatitis and Co-infection with HIV – annual event, at its 4<sup>th</sup> edition in 2018.
- The Scientific Days of the National Institute for Infectious “Prof. Dr. Matei Balș” – annual event, at its 14th edition in 2018
- National HIV/AIDS Conference – biannual event, at its 8th edition in May 2016

Invited presentations at international events:

- “Ageing phenomena in young adults infected with HIV during early childhood” – 8th National HIV/AIDS Congress 3rd Central European HIV Forum, Sibiu, Romania, 5-7 May 2016
- “Long-term HIV infections in young people” – 26th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, Netherlands 9-12 Apr 2016
- “Local situation in Romania” – 1st Central Eastern European Meeting on Viral Hepatitis and Co-infection with HIV, Warsaw, Poland, 22-23 June 2015
- “Specific Challenges of the HIV Epidemic in Romania” 14th EACS (European AIDS Conference), Brussels, Belgium, 16-19 Oct 2013
- “A national perspective from Romania on overcoming barriers to seasonal influenza vaccination” Workshop on Seasonal Influenza Vaccination ECDC, European Parliament, Brussels, Belgium, 22 Nov 2011.

## **CLINICAL TRIALS**

### **GCP (good clinical practice) training:**

25 August 2020 – online course. Good Clinical Practice (GCP) Training. What is new in the ICH-GCP integrated addendum? E6 (R2) Online GCP Certificate Refresher Training. AVANTYO Institute of Clinical Research.

30-31 May 2019 – Bucharest, Romania. ICH GCP E6(R2) 2019 Training Course. Qualification Training and Update. PMK Pharma Consulting. Dr. Peter Michael Kaiser.

20 April 2018 – Bucharest, Romania. ICH GCP E6(R2) Qualification training and update. ARENSIA Exploratory Medicine GmbH.

05 May 2017 – Bucharest. GCP qualification training and update. ARENSIA Exploratory Medicine GmbH

18 Mar 2016: GCP Qualification training and update, Arensia

April 2014 GCP Training, Arensia

March 2013 GCP Refresher Training, Arensia

June 2012 Refresher Advanced Training in Good Clinical Practice for Clinical Research Professionals, Arensia

25-26 May 2011 “Basic Research Methodology”, Baylor College of Medicine, Baylor Foundation, in partnership with the European HIV/AIDS and Infectious Diseases Academy,

16-18 March 2011 Effective Clinical Trial Project Management, The Institute of Clinical Research London, held in Bucharest

June 2010 Advanced Training in Good Clinical Practice for Clinical Research Professionals, The Institute of Clinical Research London, held in Bucharest

**Principal investigator in multicentric clinical trials/project coordinator (see annex)**

**Additional information**

**Scientific activity**

- Author/co-author of 16 books and 23 book-chapters in 6 monographs.
- Author/coauthor of over 250 articles published in medical journals indexed in ISI Science Citation Index and another over 60 in medical journals indexed in international databases other than ISI, or in national (CNCSIS B, B+ and C) recognized journals
- >8800 citations in ISI journals
- h-index: 33 in ISI Web of Science
- Abstracts published in national and international journals or conference publications (according to the list of publications)
- ORCID: 0000-0001-6382-5067
- ResearcherID: M-5835-2017

**Research activity (see annex)**

- Director of 3 international research grants and member of the research team in other international grants.
- Project director in 7 national research grants and a member of the research team in other 3 national grants.
- Project manager for 3 national grants for human resources development
- Principal investigator in over 56 multicentric international clinical trials.
- Coordinator for more than 10 international projects
- Coordinator for more than 25 PhD theses

## Annexes: Research activity and list of publications

### Articles published in medical journals indexed in ISI:

1. Enciu BG, Pitigoi D, Zaharia A, Popescu R, Sirbu A, Sandulescu O, Streinu-Cercel Anca, Draganescu AC, **Streinu-Cercel Adrian**, Pistol A, Rafila A, Arama V. The influenza vaccination uptake in Romania during the 2022-2023 season. *Farmacia*. 2023;71(6):1289-94. doi: 10.31925/farmacia.2023.6.20. IF(2022):1.6.
2. Dorobat VD, Loghin II, Bahna AF, Secrieru OM, Bugeac-Adamita RA, Dascalu CG, Eva L, **Streinu-Cercel A**. Comorbidities in patients with post-operative meningitis in neurosurgery. *Medical-Surgical Journal (Revista Medico-Chirurgicala)*. 2022;126(3):304-10. doi: 10.22551/MSJ.2022.03.02. IF(2022): 0.1
3. Camirand-Lemyre F, Merson L, Tirupakuzhi Vijayaraghavan BK, Burrell AJC, Citarella BW, Domingue MP, Lévesque S, Usuf E, Wils EJ, Ohshimo S, Martin-Loeches I, Sandulescu O, Laake JH, Lamontagne F; ISARIC Clinical Characterisation Group (**Streinu-Cercel A**. et al). Implementation of Recommendations on the Use of Corticosteroids in Severe COVID-19. *JAMA Netw Open*. 2023 Dec 1;6(12):e2346502. doi: 10.1001/jamanetworkopen.2023.46502. PMID: 38147336; IF(2022):13.8
4. Orkin C, Molina JM, Cahn P, Lombaard J, Supparatpinyo K, Kumar S, Campbell H, Wan H, Teal V, Jin Xu Z, Asante-Appiah E, Sklar P, Teppler H, Lahoulou R; DRIVE-FORWARD and DRIVE-AHEAD collaborators (**Streinu-Cercel A. et al**). Safety and efficacy of doravirine as first-line therapy in adults with HIV-1: week 192 results from the open-label extensions of the DRIVE-FORWARD and DRIVE-AHEAD phase 3 trials. *Lancet HIV*. 2023 Dec 20:S2352-3018(23)00258-8. doi: 10.1016/S2352-3018(23)00258-8. IF(2022):16.1
5. Nițescu B, Pițigoi D, Tălăpan D, Nițescu M, Aramă SȘ, Pavel B, **Streinu-Cercel A**, Rafila A, Aramă V. Etiology and Multi-Drug Resistant Profile of Bacterial Infections in Severe Burn Patients, Romania 2018-2022. *Medicina (Kaunas)*. 2023 Jun 14;59(6):1143. doi: 10.3390/medicina59061143. IF(2022):2.6
6. Nitescu B, Pavel B, Tache IA, Pop IA, Balan CI, Arama SS, Isac S, **Streinu-Cercel A**, Talapan D, Daniela P Pitigoi D, Arama V. Predictive values of presepsin and C-reactive protein on prognosis in severe burns. *Farmacia*. 2023; 71(3):511-517. doi: 10.31925/farmacia.2023.3.8. IF(2022):1.6
7. Chivu CD, Crăciun MD, Pițigoi D, Aramă V, Luminos ML, Jugulete G, Apostolescu CG, **Streinu Cercel A**. Vaccination and Factors Related to the Clinical Outcome of COVID-19 in Healthcare Workers-A Romanian Front-Line Hospital's Experience. *Vaccines (Basel)*. 2023 Apr 25;11(5):899. doi: 10.3390/vaccines11050899. IF(2022):7.8
8. Battaglini D, White NM, Premraj L, Wanjiru Citarella B, Merson L, Robba C, Thomson D, Cho SM; ISARIC Clinical Characterization Group (**Streinu-Cercel A**, et al). Long-term neurological symptoms after acute COVID-19 illness requiring hospitalization in adult patients: insights from the ISARIC-COVID-19 follow-up study. *J Neurol*. 2023 Dec 6. doi: 10.1007/s00415-023-12133-y. IF(2022): 6.0.
9. Tirupakuzhi Vijayaraghavan BK, Bishnu S, Baruch J, Citarella BW, Kartsonaki C, Meeyai A, Mohamed Z, Ohshimo S, Lefèvre B, Al-Fares A, Calvache JA, Taccone FS, Olliaro P, Merson L, Adhikari NKJ; ISARIC Clinical Characterisation Group (**Streinu-Cercel A**, et al). Liver injury in hospitalized patients with COVID-19: An International observational cohort study. *PLoS One*. 2023 Sep 13;18(9):e0277859. doi: 10.1371/journal.pone.0277859. IF(2022): 3.7.
10. Gonçalves BP, Jassat W, Baruch J, Hashmi M, Rojek A, Dasgupta A, Martin-Loeches I, Reyes LF, Piubelli C, Citarella BW, Kartsonaki C, Lefèvre B, López Revilla JW, Lunn M, Harrison EM, Kraemer MUG, Shrapnel S, Horby P, Bisoffi Z, Olliaro PL, Merson L; ISARIC Clinical Characterisation Group (**Streinu-Cercel A**, et al). A multi-country analysis of COVID-19 hospitalizations by vaccination status. *Med*. 2023 Sep 12:S2666-6340(23)00282-9. doi: 10.1016/j.medj.2023.08.005. ISSN 2666-6340. IF(2022): 17.
11. Griffée MJ, Bozza PT, Reyes LF, Eddington DP, Rosenberger D, Merson L, Citarella BW, Fanning JP, Alexander PMA, Fraser J, Dalton H, Cho SM; ISARIC Clinical Characterisation Group (**Streinu-Cercel A**, et al). Thrombotic and hemorrhagic complications of COVID-19 in adults hospitalized in high-income countries compared with those in adults hospitalized in low- and middle-income countries in an international registry. *Res Pract Thromb Haemost*. 2023 Jul 1;7(5):102142. doi: 10.1016/j.rpth.2023.102142. IF(2022): 4.6. EISSN: 2475-0379.
12. Stuurman AL, Carmona A, Bicler J, Descamps A, Levi M, Baum U, Mira-Iglesias A, Bellino S, Hoang U, de Lusignan S, Bonaiuti R, Lina B, Rizzo C, Nohynek H, Díez-Domingo J; DRIVE Study Contributors (**Streinu-Cercel A**, et al). Brand-specific estimates of influenza vaccine effectiveness for the 2021-2022

- season in Europe: results from the DRIVE multi-stakeholder study platform. *Front Public Health*. 2023 Jul 20;11:1195409. doi: 10.3389/fpubh.2023.1195409
13. Wainstein M, Spyrison N, Dai D, Ghadimi M, Chávez-Iñiguez JS, Rizo-Topete L, Citarella BW, Merson L, Pole JD, Claire-Del Granado R, Johnson DW, Shrapnel S; ISARIC Characterization Group (**Streinu-Cercel A**, et al). Association of Country Income Level With the Characteristics and Outcomes of Critically Ill Patients Hospitalized With Acute Kidney Injury and COVID-19. *Kidney Int Rep*. 2023 May 27. doi: 10.1016/j.ekir.2023.05.015. IF(2022): 6 Q1.
  14. Kartsonaki C, Baillie JK, Barrio NG, Baruch J, Beane A, Blumberg L, Bozza F, Broadley T, Burrell A, Carson G, Citarella BW, Dagens A, Dankwa EA, Donnelly CA, Dunning J, Elotmani L, Escher M, Farshait N, Goffard JC, Gonçalves BP, Hall M, Hashmi M, Sim Lim Heng B, Ho A, Jassat W, Pedrera Jiménez M, Laouenan C, Lissauer S, Martin-Loeches I, Mentré F, Merson L, Morton B, Munblit D, Nekliudov NA, Nichol AD, Singh Oinam BC, Ong D, Panda PK, Petrovic M, Pritchard MG, Ramakrishnan N, Ramos GV, Roger C, Sandulescu O, Semple MG, Sharma P, Sigfrid L, Somers EC, Streinu-Cercel A, Taccone F, Vecham PK, Kumar Tirupakuzhi Vijayaraghavan B, Wei J, Wils EJ, Ci Wong X, Horby P, Rojek A, Olliaro PL; ISARIC Clinical Characterisation Group (**Streinu-Cercel A**, et al.). Characteristics and outcomes of an international cohort of 600000 hospitalized patients with COVID-19. *Int J Epidemiol*. 2023;52(2):355-376. doi: 10.1093/ije/dyad012. Online ISSN 1464-3685 Print ISSN 0300-5771.
  15. Săndulescu O, Apostolescu CG, Preoteşcu LL, **Streinu-Cercel A**, Săndulescu M. Therapeutic developments for SARS-CoV-2 infection-Molecular mechanisms of action of antivirals and strategies for mitigating resistance in emerging variants in clinical practice. *Front Microbiol*. 2023 Mar 2;14:1132501. doi: 10.3389/fmicb.2023.1132501.
  16. Săndulescu O, Streinu-Cercel A, Miron VD, Covăcescu SM, **Streinu-Cercel A**, Craiu M. Liver Transaminases in Pediatric Adenovirus Infection—A Five-Year Study in Two Major Reference Centers from Romania. *Microorganisms*. 2023;11(2):302. doi: 10.3390/microorganisms11020302. EISSN 2076-2607. IF(2021): 4.926.
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#### **International and national research grants and projects:**

#### **Other international projects:**

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- MIND EXCHANGE: An educational platform to raise awareness and deliver practical guidance in the management of HIV- OSTEO RENAL disorders- The MIND EXCHANGE programme is an educational initiative driven by an independent steering committee and supported by Abbott International, role clinician expert infectious diseases, Romanian key representative, 2012-2014

- MIND EXCHANGE: An educational platform to raise awareness and deliver practical guidance in the management of HIV-associated neurocognitive disorders (HAND), The MIND EXCHANGE programme is an educational initiative driven by an independent steering committee and supported by Abbott International, role clinician expert infectious diseases, Romanian key representative, 2010-2012

- HIV INFECTED PATIENTS MODELS of CARE, under the aegis of the European HIV/AIDS & Infectious Diseases Academy: Group leader: Prof. Dr. Sorin Rugina – Romania, Prof. Dr. Adrian Streinu-Cercel, Lecturer Dr. Anca Streinu-Cercel, Prof. Arjan Harxhi (Albania), Irina Magdalena DUMITRU, Ana Maria SCHWEIZER-Baylor-Black Sea Foundation, BIPAI ROMANIA

- Management of the HIV Co-infection with HBV and HCV: under the aegis of the European HIV/AIDS & Infectious Diseases Academy: Group leader: Prof. Dr. Tatiana Tcherveniakova, Bulgaria, Toma Tomov – Bulgaria, Prof. Dr. Adrian Streinu-Cercel– Romania, Prof. dr Carmen Dorobat – Romania, Prof. dr. Lucian Negrutiu – Romania, Dr. Anca Streinu-Cercel – Romania, Prof.dr. A.Cupsa-Romania, Prof.dr. Arvydas Ambrozaitis – Lithuania, Dr. Iosif Marincu-Romania, Arjan Harxhi – Albania

- Director of the project for implementing IL 28 B polymorphism in INBI "Prof.Dr.Matei Balș", in the diagnosis, prognosis and treatment of chronic HCV hepatitis, 2011-2012, in collaboration with Prof Dr. Ioannis Theodorou, UMPC Paris and Pitie-Salpetrie Assistance Publique Paris

- Survey on Central Eastern European (CEE) HIV co-infections: under the aegis of the European HIV/AIDS & Infectious Diseases Academy: Coordinator: ADRIAN STREINU-CERCEL, National Institute for Infectious Diseases "Prof. Dr. Matei Balș", Bucharest(1)Anca Streinu-Cercel (1),Rodica-Alexandra Furnica, Executive Director European HIV/AIDS & Infectious Diseases Academy ,Arvydas Ambrozaitis, Dept. Infectious Diseases, Dermatovenerology and Microbiology, Vilnius University,Lithuania,Carmen Chiriac, Clinic of Infectious Diseases I Târgu Mureș, Clinical County Hospital Mureș,Felicia Constandiș, Hospital of Infectious Diseases Brașov,Augustin Cupșa, University of Medicine and Pharmacy Craiova,Carmen Dorobăț, University of Medicine and Pharmacy "Gr.T. Popa" Iași,Dan Duiculescu, Clinical Hospital of Infectious and Tropical Diseases Dr. Victor Babeș", Bucharest,Arjan Harxhi, HIV Ambulatory Clinic, University Hospital Center of Tirana "Mother Theresa" Tirana, Albania,Corina Itu, Clinical Hospital of Infectious Diseases, Cluj-Napoca,Davorka Lukas, HIV/AIDS Outpatient Center, University Hospital for Infectious Diseases, Zagreb, Croatia,Ladislav Machala, AIDS Centre Prague, Czech Republic, Lucian Negruțiu, University of Medicine and Pharmacy Timișoara,Sorin Rugină, "Ovidius" University Constanța,Tatiana Tcherveniakova, Hospital of Infectious Diseases, Sofia, Bulgaria

- Survey of HBV, HCV, HDV viruses with HIV Co-infection, under the aegis of the European HIV/AIDS & Infectious Diseases Academy: Group leader: Adrian Streinu-Cercel, Anca Streinu-Cercel, Arjan Harxhi, HIV Ambulatory Clinic, University Hospital Center of Tirana "Mother Theresa" Tirana, Albania, Tatiana Tcherveniakova, Hospital of Infectious Diseases, Sofia, Bulgaria, Davorka Lukas, HIV/AIDS Outpatient Center, University Hospital for Infectious Diseases, Zagreb, Croatia

- Drop Test Project- scientific international project for validating rapid HIV tests, compared with ELISA tests; countries included: Romania, Hungary, 2010

- 2006 national multicenter clinical trial LIPO (evaluation of modern methods of diagnosis of changes in lipid metabolism / glucose and insulin resistance in HIV / AIDS under ARV therapy)

### **International and national research grants / projects – project director/ project manager/ scientific director of the consortium partner:**

**2020** Medical technical expert. Predefined project no. 8 "Strengthening the institutional capacity for the control of hospital-acquired infections and the management of antibiotic consumption in Romania". Program "Provocari in sanatatea publica la nivel european" financed through SEE2014 – 2021 Financial Mechanism

**2018-2020.** Member in the research team: "Selection and dissemination of antibiotic resistance genes from wastewater treatment plants into the aquatic environment and clinical reservoirs". PN-III-P4-ID-PCCF-2016-0114. Financed from the state budget through PNCDI III, Programme 4 "Fundamental and frontier research", Complex frontier research projects. Project partner: National Institute for Infectious Diseases "Prof. Dr. Matei Balș", Bucharest, Romania. Partner representative: Prof.Dr. Adrian Streinu-Cercel. Project coordinator: University of Bucharest. Budget: 8.500.000 RON (1.888.888,89 EUR). Partner budget: 1.650.000 RON (366.666,67 EUR).

**2014-2016** "Prevention and control of HIV/AIDS and viral hepatitis B and C in Romania" (H-ALERT: Îmbunătățirea Prevenirii și Controlului HIV/SIDA și a Hepatitei B și C în România). Project RO 19.02. Program: Norwegian Funds Mechanism 2009-2014. Key Area of Intervention: Public health initiative. Beneficiary: National Institute of Infectious Diseases "Prof. Dr. Matei Balș", Bucharest, Romania. **Project director: Prof. Dr. Adrian Streinu-Cercel**

#### Project results:

##### **3 oral presentations:**

- Săndulescu O, Streinu-Cercel A, Stoica MA, Preoteșcu LL, Manolache D, Ceapraga GJ, Moțoi MM, Bradu L, Ilie A, Mircea G, Durbală I, Streinu-Cercel A. Regression of liver fibrosis following sustained virological response in patients with chronic HCV infection and cirrhosis. Prezentare orală. The 12th Edition of the Scientific Days of the National Institute of Infectious Diseases "Prof. Dr. Matei Balș" and the 12th National Infectious Diseases Conference, Bucharest, Romania, 23-25 noiembrie 2016. Abstract publicat BMC Infect Dis. 2016;16(Suppl 4):P46-7. Impact factor 2.69. ISSN: 1471-2334. Premiu special.



- Streinu-Cercel A, Săndulescu O, Predescu M, Mărdărescu A, Tilișcan C, Săndulescu M, Șchiopu CM, Streinu-Cercel A. Overlapping risk factors for transmission of HBV, HCV and HIV in the general population in Romania. Prezentare orală. The 12th Edition of the Scientific Days of the National Institute of Infectious Diseases "Prof. Dr. Matei Balș" and the 12th National Infectious Diseases Conference, Bucharest, Romania, 23-25 noiembrie 2016. Abstract publicat BMC Infect Dis. 2016;16(Suppl 4):P46. Impact factor 2.69. ISSN: 1471-2334. Premiu special.
- Streinu-Cercel A, Săndulescu O, Tilișcan C, Predescu M, Mărdărescu M, Săndulescu M, Șchiopu CM, Streinu-Cercel A. The prevalence of HBV, HCV and HIV infection in Romania - a nationwide screening program for surveillance of viral infections. Prezentare orală. 2nd Central and Eastern European Meeting on Viral Hepatitis and Co-Infection with HIV 6-7 October 2016, Bucharest, Romania. Abstract publicat în Reviews in Antiviral Therapy & Infectious Diseases. 2016;9:4. ISSN 1872-437X

#### Awards:

- Două premii speciale la congrese naționale
- Gala Copac 2016, Ediția 1 19.09.2016: Premiul juriului pentru cel mai bun proiect implementat de un manager de spital: Proiectul H-ALERT, Institutul Național de Boli Infecțioase "Prof. Dr. Matei Balș"

**2014** "Romanian Center for Applied Bio-Molecular Research in Infectious Diseases" (Centrul Român de Cercetare Bio-Moleculară Aplicată Bolilor Infecțioase). Sectoral Operational Programme Increasing of Economic Competitiveness (POS CCE), ID/SMIS:1871/49153 Key Area of Intervention Beneficiary: National Institute of Infectious Diseases "Prof. Dr. Matei Balș", Bucharest, Romania. **Project director: Prof. Dr. Adrian Streinu-Cercel.** Budget: 49.231.110,40 RON.

#### Project results:

**Research infrastructure created through this grant – one fully operational Bio-Molecular Research Facility with Biosafety Level 3/4 Laboratory.**

#### Articles:

- Săndulescu O, Bleotu C, Matei L, Streinu-Cercel A, Oprea M, Drăgulescu EC, Chifiriuc CM, Rafila A, Pirici D, Tălăpan D, Dorobăț OM, Neagu AC, Oțelea D, Berciu I, Ion DA, Codiță I, Calistru PI, Streinu-Cercel A. Comparative evaluation of aggressiveness traits in staphylococcal strains from severe infections versus nasopharyngeal carriage. Microb Pathog. 2016 Nov 14;102:45-53. doi: 10.1016/j.micpath.2016.11.006 Thomson Reuters Journal Citation Report – ISI – impact factor (2016) 2.009. ISSN: 0882-4010.

#### Conference abstracts:

- Săndulescu O, Streinu-Cercel A, Stoica MA, Preoteșcu LL, Manolache D, Ceapraga GJ, Moțoi MM, Bradu L, Ilie A, Mircea G, Durbală I, Streinu-Cercel A. Regression of liver fibrosis following sustained virological response in patients with chronic HCV infection and cirrhosis. Prezentare orală. The 12th Edition of the Scientific Days of the National Institute of Infectious Diseases "Prof. Dr. Matei Balș" and the 12th National Infectious Diseases Conference, Bucharest, Romania, 23-25 noiembrie 2016. Abstract publicat BMC Infect Dis. 2016;16(Suppl 4):P46-7. Impact factor 2.69. ISSN: 1471-2334. Premiu special.
- Miron VD, Drăgănescu AC, Vișan CA, Bilașco A, Pițigoi D, Săndulescu O\*, Luminos ML. Pneumococcal superinfection in children with influenza. Prezentare poster. The 12th Edition of the Scientific Days of the National Institute of Infectious Diseases "Prof. Dr. Matei Balș" and the 12th National Infectious Diseases Conference, Bucharest, Romania, 23-25 noiembrie 2016. Abstract publicat BMC Infect Dis. 2016;16(Suppl 4):P57. Impact factor 2.69. ISSN: 1471-2334. (\*autor corespondent)

#### Awards:

- Un premiu special la congres național

**2008-2011** - Project PNCDI II, Program 4 – Parteneriate in domenii Prioritare, acronim SLD-ART, Nr 3034 / 2008. P4- Partnerships In Priority Areas (PNCDI2), Domain 6- Biotechnologies, Identification of Patterns of Lipid and Glucid Metabolism Through Modern Diagnosis Techniques in Children and Adults with HIV Infection under Antiretroviral Treatment and Correlation with Cardiovascular Risk – SLD-ART. Budget: 634966 RON. Beneficiary: National Institute of Infectious Diseases "Prof. Dr. Matei Balș", Bucharest, Romania. **Project director: Prof. Dr. Adrian Streinu-Cercel.**

**Project results** – 1 ISI article, 1 abstract at a national conference, 1 award (first place) for the abstract at national conference:

**1 ISI article:**

- Aramă V, Tiliscan C, Streinu-Cercel A, Ion D, Mihailescu R, Munteanu D, Hristea A, Aramă SS; SLD-ART study group. Insulin resistance and adipokines serum levels in a Caucasian cohort of HIV-positive patients undergoing antiretroviral therapy: a cross sectional study. BMC Endocr Disord. 2013;13:4. doi: 10.1186/1472-6823-13-4. IF 2013: 1.67.

**1 abstract at an international conference**

- Munteanu D, Streinu-Cercel A, Arama V, Benea O, Mardarescu M, Constantinescu C, Mihailescu R, Ion D, Arama SS, Hristea A, Olaru I. PE9.2/4 Metabolic patterns of HIV infected young adults undergoing highly active antiretroviral therapy. 12th European AIDS Conference/EACS, November 11-14, 2009, Koln, Germany

**2 abstracts at a national conference:**

- Munteanu DI, Streinu-Cercel A, Arama V, et al. Identificarea pattern-urilor metabolismului lipic și glucid prin tehnici moderne de diagnostic la copiii și adulții cu infecție HIV în terapie antiretrovirală și corelarea cu riscul cardiovascular. Oral presentation Forumul national HIV-SIDA „Sindromul metabolic – de la concept la practica”, 5-7 iunie, 2009, Mamaia, Romania.- first place award.
- Streinu-Cercel A, Arama V, Ion D, Mihailescu R, Munteanu D, echipa de cercetare: Identificarea pattern-urilor metabolismului lipidic și glucidic prin tehnici moderne de diagnostic la copiii și adulții cu infecție HIV în terapie antiretrovirală și corelarea cu riscul cardiovascular. – SLD-ART. Zilele Institutului National de Boli Infectioase Prof. Dr. Matei Bals, octombrie 2009. Abstract published in Therapeutics, Pharmacology and Clinical Toxicology. CNCSIS B+.

**Awards:**

- 1 award (first place) for an abstract at a national conference

**2006-2008** CNCSIS Project Type A 848/2006. Contract No. 29 GR / 17.05.2006. “Evaluation of molecular biology techniques in diagnosis of cytomegalovirus infection and the role of CMV viral load in progression of HIV infection among patients on antiretroviral therapy” (Evaluarea tehnicilor de biologie moleculară în diagnosticul infecției cu citomegalovirus (CMV) și a rolului viremiei CMV în progresia infecției HIV, la pacienții aflați sub terapie antiretrovirală). Beneficiary: Carol Davila University of Medicine and Pharmacy Bucharest. Budget: 150894 RON. **Project director: Prof. Dr. Adrian Streinu-Cercel.**

**Project results** – 4 articles, 1 book, 2 abstracts at international conferences and 3 abstracts at national conferences:

**4 articles:**

- Aramă V, Streinu Cercel A, Benea O, Hristea A, Sandu R, Negoită A, Molagic V, Interrelații între virusul citomegalic (CMV) și virusul imunodeficienței dobândite (HIV). Implicații clinico-terapeutice, Infomedica, 2006;136(2):3-9. ISSN 1221-681X. CNCSIS B+.
- Arama V, Streinu-Cercel A, Mihailescu R, Otelea D, Manaila M, Benea O, Hristea A, Iosipenco M, Tudor AM, Munteanu D, Radulescu M, Luminos M, Chiotan C, Mardarescu M. CMV infection in HIV positive patients in Romania: epidemiological particularities, interaction between HIV and CMV, Herpes. Journal of the IHMF, 2007;14(Suppl3): 60A, ISSN (printed) 0969-7667 / ISSN (on-line) 1470-537. PubMed
- Mihăilescu R, Aramă V, Paraschiv S, Oțelea D, Streinu Cercel A, Benea O, Mărdărescu M, Luminos M, Chiotan C, Iosipenco M, Hristea A, Munteanu D, Rădulescu M, Popescu C, Tudor A M, Moroti R, Neaga E, Aspecte clinice și imuno-virusologice la pacienții infectați CMV-HIV, aflați sub terapie antiretrovirală, Clujul Medical 2008;81(S):64-5 ISSN 1222-2119. CNCSIS B
- Mihailescu R, Arama V, Paraschiv S, Streinu-Cercel A, Otelea D, Munteanu D, Iosipenco M, Chiotan C, Benea OE, Mardarescu M, Radulescu M, Hristea A, Ungurianu R, Arama SS, Streinu Cercel Anca, Tanasescu R, Baicus C. Impact of highly active antiretroviral therapy on cytomegalovirus viraemia, in the absence of specific anti-cytomegalovirus therapy, Rom J Int Med, nr.4, 2008

**1 book:** V. Arama, Infecția cu virusul citomegalic. 2010 Ed. Medicala, Bucuresti. ISBN: 978-973-39-0703-9

**2 abstracts at international conferences:**

- Mihailescu R, Paraschiv S, Arama V, Streinu-Cercel A, Otelea D, Benea OE, Iosipenco M, Mardarescu M, Luminos M, Munteanu D, Radulescu M, Chiotan C, Hristea A, Ungurianu R, Impact of highly active antiretroviral therapy on cytomegalovirus viraemia, in the absence of specific anti-cytomegalovirus therapy, HIV 9, 9th international congress on HIV and Drug Therapy in HIV Infection, Glasgow, UK, 9-13 Nov 2008, abstract published in Journal of the International AIDS Society

- Arama V, Streinu Cercel A, Otelea D, Manaila M, Mihailescu R, Benea OE, Hristea A, Iosipenco M, Munteanu D, Luminos M, Tudor AM, Mardarasu M, Arama S, Neaga E, Radulescu M, Evaluation of molecular biology techniques in diagnosis of CMV infection in HIV patients on HAART, Poster 508/73p, pag 225-226. 27th Interdisciplinary Meeting on Anti-infectious Chemotherapy (RICAI), Paris, France, 6-7 Dec 2007

### 3 abstracts at national conferences:

- Paraschiv S, Otelea D, Aramă V, Streinu Cercel A, Mihăilescu R, Munteanu D, Iosipenco M, Hristea A, Rădulescu M, Evaluarea performanțelor unor tehnici de biologie moleculară în diagnosticul infecției cu citomegalovirus la pacienții seropozitivi HIV aflați sub terapie HAART, Poster la Al IV-lea Simpozion "Acad. Nicolae Cajal", București, România, 26-28 Mar, 200
- Aramă V, Optimizarea diagnosticului clinic si de laborator in infectia cu virus citomegalic, Prezentare orala de 30 de minute (Review) la Manifestarea stiintifica nationala cu participare internationala, Zilele Științifice ale Institutului de Boli Infecțioase "Prof. Dr. Matei Bals", București, 10 oct 2008, 16.30-17.00
- Aramă V, Optimizarea diagnosticului clinic si de laborator in infectia cu virus citomegalic, Prezentare orala de 30 de minute (Review) la Manifestarea stiintifica nationala cu participare internationala, Zilele Științifice ale Institutului de Boli Infecțioase "Prof. Dr. Matei Bals", București, 10 oct 2008

**2006-2010** Proiect FP6: EU-2006-518211. European Cohort coordination network on HIV drug resistance (EuropeHIVResistance). **Prof. Dr. Adrian Streinu Cercel Scientific Director of the Consortium partner** - National Institute of Infectious Diseases "Prof. Dr. Matei Bals". Project director: Charles Boucher, University Medical Center Utrecht, Netherlands

**2006** RO/2005/95064/EX project (Leonardo da Vinci): Implementation of Fibroactitest as noninvasive tool for determining liver damage in the Institute "Prof. Dr. M. Bals" in collaboration with Biopredictive and Groupe Hospitalier Pitie-Salpetriere in November. 2006. **Prof. Dr. Adrian Streinu Cercel - Scientific Director of the Consortium partner** - the National Institute of Infectious Diseases "Prof. Dr. Matei Bals". Budget of the partner: 7000 eur.

**2004-2006** - Program VIASAN, S3 IP project category. Contract 403/2004. Informatic laboratory for assessing the efficiency and quality of health and global environmental performance in the national healthcare – LInfEvCPGMSNS. (Laborator informatic pentru evaluarea eficienței și calității utilităților medicale și performanței globale de mediu în sistemul medical național). Beneficiary: ICPE. Project Director: Dr. Sergiu Costoiu. Budget: 910000 lei. Partner: Institute for Infectious Diseases "Prof. Dr. Matei Bals". **Director of the Consortium Partner: Dr. Adrian Streinu-Cercel.** Partner budget: 250000 lei.

Project results: Studies to create a system for quality management in relation to the medical management system, based on informatic support; development of the medical unit for implementing objective systems for quality evaluation; 1 web page; 1 software platform, 1 article in PubMed:

- Streinu-Cercel A, Costoiu S, Mârza M, Aramă V, Streinu-Cercel A, Mârza M. Mathematical functions for modeling the variation of specific medical criteria in some infectious diseases. J Med Life. 2008 Jan-Mar;1(1):34-9.PMID: 20108477

**2004-2006** - Program VIASAN, S3 IP project category. Contract 402/2004, 249/2005. Risk assessment of transmission of HIV / AIDS from mother to child in Romania - based on information technologies - EvRHIVFGCo. (Evaluarea riscului de transmitere a infecției HIV/SIDA de la femeia gravidă la copil în România pe baza tehnologiilor informaționale). Beneficiary: Institute for Infectious Diseases "Prof. Dr. Matei Bals". **Project director: Adrian Streinu-Cercel.** Budget: 770000 lei.

Project results: Study on the informatic system EvRHIVFGCo; designing operational diagrams and an algorithm for quantifying the evaluation risk; virtual modeling and mathematical formalization of the model for the informatic system; web page.

**2003-2005** VIASAN S3 PED project category. Nr.280/2003 Using fuzzy logic-based engineering business information in the classification of biomedical research aimed at medium and long term implications of viral resistance in HIV/AIDS (Utilizarea ingineriei informației bazată pe logica fuzzy în clasificarea biomedicală orientată spre studiul implicațiilor pe termen lung a rezistenței virale în infecțiile HIV/SIDA). Beneficiary: Institute for Infectious Diseases "Prof. Dr. Matei Bals". **Project Director: Adrian Streinu-Cercel.** Budget: 1417000 lei.

Project results: Anaysis of the use of fuzzy in biomedical classification; informatic system for biomedical classifications; designing a model for managing medicale information in the field of HIV/AIDS.

**2002-2005** VIASAN, S3, CP-R project category. Contract 191/S3/2002 Developing tools for diagnosis and monitoring of infectious diseases (Realizarea de instrumente informatice pentru diagnosticarea și monitorizarea unor boli infecțioase). Beneficiary: Institute for Infectious Diseases “Prof. Dr. Matei Balș”. **Project Director: Adrian Streinu-Cercel**. Budget: 3081000 lei.  
Project results: Solutions for modeling the action of antibiotics and antiviral drugs using fuzzy logics and the theory of possibilities; management system for medical events data; system for data acquisition for medical events.

#### **Grants for the development of human resources:**

**2018** Project POCU/91/4/8/108129: “Competență și calitate în serviciile medicale prioritare prin formarea specifică a personalului medical în domeniul bolilor infecțioase”. Cod SMIS 2014+: 108129. Financing: European Social Fund, through the Operational Programme Human Capital 2014-2020. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Budget: 12385993,88 RON. Project manager: Prof. Dr. Adrian Streinu-Cercel.

**2010-2013** Project POSDRU/86/1.2/S/64124 “Creating and developing skills and interest for theoretical and applied scientific research in master studies in the field of medical sciences” Priority Axis 1. “Education and training in support for growth and development of a knowledge based society” Key Area of Intervention: 1.2. “Quality in higher education” Beneficiary: National Institute of Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest, Romania. **Project Manager: Prof.Dr. Adrian Streinu-Cercel**  
Project results: An e-learning platform and national research database (<http://bnc.cercetaremedicala.ro/>), a journal indexed in PubMed Central, Scopus, and other major international databases, currently at its 7<sup>th</sup> volume ([www.germs.ro](http://www.germs.ro)).

**2008-2011** „O dimensiune europeană a studiilor doctorale (ODEUS)”, POSDRU/6/1.5/S/17, „Supporting research through training specialists in the post-PhD study program”. Priority Axis 1. “Education and training in support for growth and development of a knowledge based society” Key Area of Intervention: 1.5 Doctoral and post-doctoral programs in the support of research. Beneficiary: Carol Davila University of Medicine and Pharmacy, Bucharest. **Project manager: Prof.Dr. Adrian Streinu-Cercel**

Project POSDRU/89/1.5/S/64109 „Supporting research through training specialists in the post-PhD study program”. Priority Axis 1. “Education and training in support for growth and development of a knowledge based society” Key Area of Intervention: 1.5 Doctoral and post-doctoral programs in the support of research. Beneficiary: Carol Davila University of Medicine and Pharmacy, Bucharest. **Project manager: Prof.Dr. Adrian Streinu-Cercel**

#### **International and national research grants – member in the research team:**

**November 2023 – October 2024.** Member in the research team, for the grant: “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2023-2024. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: Institutul Național de Boli Infecțioase “Prof. Dr. Matei Balș”. Project manager: Dr. Anca Drăgănescu. Budget: 69 000 EUR.

**November 2022 – October 2023.** Member in the research team, for the grant: “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2022-2023. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: Institutul Național de Boli Infecțioase “Prof. Dr. Matei Balș”. Project manager: Dr. Anca Drăgănescu. Budget: 69 000 EUR.

**October 2021 – June 2022.** Member in the research team, for the grant: “Development of Robust and Innovative Vaccine Effectiveness (DRIVE)”, financed through Innovative Medicines Initiative (IMI) 2 Grant Agreement No. 777363. Project partner: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”. Partner representative: Dr. Anca Drăgănescu. Project coordinator: Fundación Para el Fomento de Investigación Sanitaria y Biomédica de la Comunitat Valenciana (FISABIO), Valencia, Spain. Partner budget: 87 000 EUR.

**October 2021 – June 2022.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2021-2022. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for

Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 110 800 EUR.

**October 2020 – June 2021.** Member in the research team for the grant: “Development of Robust and Innovative Vaccine Effectiveness (DRIVE)”, financed through Innovative Medicines Initiative (IMI) 2 Grant Agreement No. 777363. Project partner: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”. Partner representative: Dr. Anca Drăgănescu. Project coordinator: Fundación Para el Fomento de Investigación Sanitaria y Biomédica de la Comunitat Valenciana (FISABIO), Valencia, Spain. Partner budget: 68.750 EUR.

**October 2020 – June 2021.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2020-2021. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 58 000 EUR.

**October 2019 – June 2020.** Member in the research team for the grant: “Development of Robust and Innovative Vaccine Effectiveness (DRIVE)”, financed through Innovative Medicines Initiative (IMI) 2 Grant Agreement No. 777363. Project partner: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”. Partner representative: Dr. Anca Drăgănescu. Project coordinator: Fundación Para el Fomento de Investigación Sanitaria y Biomédica de la Comunitat Valenciana (FISABIO), Valencia, Spain. Partner budget: 80.000 EUR.

**October 2019 – June 2020.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2019-2020. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 58 000 EUR.

**October 2018 – June 2019.** Member in the research team for the grant: “Development of Robust and Innovative Vaccine Effectiveness (DRIVE)”, financed through Innovative Medicines Initiative (IMI) 2 Grant Agreement No. 777363. Project partner: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”. Partner representative: Dr. Anca Drăgănescu. Project coordinator: Fundación Para el Fomento de Investigación Sanitaria y Biomédica de la Comunitat Valenciana (FISABIO), Valencia, Spain. Partner budget: 80.000 EUR.

**October 2018 – June 2019.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2018-2019. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 33 000 EUR.

**October 2017 – June 2018.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2017-2018. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 33 000 euro.

Results:

- Conference abstracts:
  - Drăgănescu A, Pițigoi D, Săndulescu O, Florea D, Vlaicu O, Streinu-Cercel A, Oană AA, Dărămuș IA, Armeanu AA, Mărculescu IȘ, Oțelea D, Aramă V, Luminos ML, Streinu-Cercel A. Reasons for admission and presenting complaints in patients with influenza-like illness in the 2017/18 influenza season in a tertiary care hospital in Bucharest, Romania. Oral presentation. 14th Edition of the Scientific Days of the National Institute for Infectious Diseases “Prof. Dr. Matei Balș”. Bucharest, Romania, 31 Oct - 2 Nov 2018. Abstract volume ISSN 2457-8525, pag 3.

**October 2016 – May 2017.** Member in the research team for the grant “GIHSN prospective epidemiological active surveillance study in Romania”. Global Influenza Hospital Surveillance Network (GIHSN) 2016-2017. Financing: Foundation for influenza epidemiology, Fondation de France. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest Romania. Project director: Dr. Anca Drăgănescu. Budget: 20 000 euro.

Results:

- Article:
  - Drăgănescu AC, Săndulescu O\*, Florea D, Vlaicu O, Streinu-Cercel A, Oțelea D, Aramă V, Luminos ML, Streinu-Cercel A, Nițescu M, Ivanciuc A, Bacruban R, Pițigoi D. The influenza season 2016/17 in Bucharest, Romania – surveillance data and clinical characteristics of patients with influenza-like illness admitted to a tertiary infectious diseases hospital. Braz J Infect Dis. 2018;22(5):377-386. pii: S1413-8670(18)30525-7. doi:

10.1016/j.bjid.2018.10.275. Clarivate Analytics (Thomson Reuters) Journal Citation Report – ISI – impact factor (2017) 2.083. (\*corresponding author) ISSN 1413-8670.

- Conference abstracts:
  - Drăgănescu A, Pițigoi D, Florea D, Vlaicu O, Săndulescu O, Baltagi I, Stancu G, Iliescu AAM, Radu A, Flintasu F, Papasteri LD, Condria E, Dărămuș IA, Streinu-Cercel A, Oțelea D, Aramă V, Luminos ML, Streinu-Cercel A. Circulation of influenza strains in hospitalized cases in the National Institute for Infectious Diseases “Prof. Dr. Matei Balș” – 2016-2017 influenza season. Oral presentation. The 13th Edition of the Scientific Days of the National Institute of Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest, Romania, 8-10 November 2017. Abstract volume ISSN 2457-8525, page 20.
  - Drăgănescu A, Pițigoi D, Săndulescu O, Florea D, Vlaicu O, Streinu-Cercel A, Oțelea D, Aramă V, Luminos ML, Streinu-Cercel A. (all authors had equal contributions). Particularities of influenza in pediatric patients in the 2016-2017 influenza season in a tertiary care hospital in Romania. ESP18-0592. Poster presentation at the 36th Annual Meeting of the European Society for Paediatric Infectious Diseases, ESPID 2018, Malmö, Sweden, 28 May - 2 June 2018. Abstract volume pages 1092-3.
  - Drăgănescu A, Pițigoi D, Săndulescu O, Florea D, Vlaicu O, Streinu-Cercel A, Oțelea D, Aramă V, Luminos ML, Streinu-Cercel A. Characteristics of influenza in hospitalized children below 5 years of age, in the influenza season 2016-2017 in Bucharest, Romania. Poster presentation. The 28th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Madrid, Spain, 21-24 April 2018. Abstract published.
- Awards:
  - Second prize for oral presentation – national conference.

**2008-2011** Multicenter monitoring of antibiotic germs resistance. Implications on optimizing current antibiotic therapy recommendations. (Monitorizarea multicentrică a rezistenței germenilor la antibiotice. Implicații asupra optimizării recomandărilor de terapie antibiotică actuale). Grant funded by ANCS Nr. P 41-048 / 2007 / Acronym MAR-T. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest, Romania. Project director: Gabriel Adrian Popescu. Budget. 146263 RON

**2008-2011** P4 Partnerships in priority areas. PC 1454. Correlating diagnosis methods for evaluating the involvement of hepatitis viruses in chronic lymphoproliferations and identifying molecular mechanisms involved in oncogenesis. (Corelarea metodelor de diagnostic privind evaluarea implicării virusurilor hepatitice în limfoproliferările cronice. Prevalența infecției și identificarea unor mecanisme moleculare implicate în oncogeneză). Grant funded by ANCS Nr. P 41-012 / 2007 /. Beneficiary: National Institute for Infectious Diseases “Prof. Dr. Matei Balș”, Bucharest, Romania. Project director: Victoria Aramă. Budget: 339891.

- **2003-2005** VIASAN 3566/18.06.2003 (292). Advanced processing of information using computer engineering to assess the impact / effects of strategies for crisis caused major epidemics. (Procesarea avansată a informațiilor utilizând ingineria informatică pentru evaluarea impactului efectelor în cazul strategiilor situațiilor de criză provocate de epidemiile majore). Project director: Dr. Irina Codiță. Project coordinator: ICDMI Cantacuzino. Project partner: Carol Davila University of Medicine and Pharmacy, Bucharest. Budget: 1617000 lei. Partner budget: 107650 lei.

Project results: Simulation of processes based on the proposed informatic solution; designing a web application according to the specifications identified, which constitute the basis of the informatic model.

## Clinical trials:

2020

- 2020. Principal investigator. Regeneron Pharmaceuticals Inc. R10933-10987-COV-2069. A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Assessing the Efficacy and Safety of Anti-Spike SARS-CoV-2 Monoclonal Antibodies in Preventing SARS-Cov-2 Infection in Household Contacts of Individuals Infected with SARS-CoV-2
- 2020. Principal investigator. Regeneron Pharmaceuticals Inc. R10933-10987-COV-2067. A master protocol assessing the safety, tolerability, and efficacy of anti-spike (S) SARS-CoV-2 monoclonal antibodies for the treatment of ambulatory patients with COVID-19
- 2020. Principal investigator. Regeneron Pharmaceuticals Inc. R10933-10987-COV-2066. A master protocol assessing the safety, tolerability, and efficacy of anti-spike (S) SARS-CoV-2 monoclonal antibodies for the treatment of hospitalized patients. with COVID-19
- 2020. Subinvestigator. Celltrion Inc. CT-P59 3.2. A Phase 2/3, Randomized, Parallel-group, Placebo-controlled, Double-Blind Study to Evaluate the Efficacy and Safety of CT-P59 in Combination with Standard of Care in Outpatients with Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Infection
- 2020. Principal investigator. Celltrion Inc. CT-P59 1.2. A Pilot Phase 1, Randomized, Double-blind, Placebo-controlled, Parallel Group, Single Ascending Dose Study to Evaluate the Safety, Tolerability and Virology of CT-P59 in Patient with Mild Symptoms of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Infection
- 2020. Principal investigator. Diffusion Pharmaceuticals Inc. Protocol 100.303. Open-label, pharmacokinetic, pharmacodynamic, ascending dose safety lead-in followed by a single-center, placebo-controlled, double-blind, adaptive, safety and efficacy, pilot study of Trans Sodium Crocetin (TSC) in SARS-CoV-2 infected subjects.
- 2020 – Principal investigator. Algernon Pharmaceuticals. AGN120-3. A randomized open label phase 2b/3 study of the safety and efficacy of NP-120 (ifenprodil) for the treatment of hospitalized patients with confirmed COVID-19 disease.

2019

- 2019. Principal investigator. F. Hoffmann-La Roche Ltd. FLAGSTONE (CP40617). A phase III, randomized, double-blind placebo-controlled, multicenter study to evaluate the efficacy and safety of baloxavir marboxil in combination with standard of care neuraminidase inhibitor in hospitalized patients with severe influenza.

2018

- 2018 – 2020. Subinvestigator. Phase 1 study. Bayer AG. BAY 80-6946/18041. An open-label non-randomized, phase 1 single dose study to evaluate the pharmacokinetics and safety of copanlisib in subjects with impaired hepatic or renal function in comparison to healthy subjects.
- 2018 – 2020. Principal investigator. Gilead Sciences. GS-US-320-1092. A Randomized, Double-Blind Evaluation of the Pharmacokinetics, Safety, and Antiviral Efficacy of Tenofovir Alafenamide (TAF) in Adolescents with Chronic Hepatitis B Virus Infection.

2017

- November 2017 – July 2018. Principal investigator. Phase 3 study. SHIONOGI. CAPSTONE-2. A phase 3, multicenter, randomized, double-blind study of a single dose of S-033188 compared with placebo or oseltamivir 75 mg twice daily in patients with influenza at high risk of influenza complications.
- November 2017 – September 2018. Principal investigator. Phase 2 study. Cidara Therapeutics, Inc. CD101.IV.2.03. A phase 2, multicenter, randomized, double-blind study of the safety, tolerability, and efficacy of intravenous CD101 vs intravenous caspofungin followed by oral fluconazole step-down in the treatment of subjects with candidemia and/or invasive candidiasis.
- February 2017 – October 2018. Principal investigator. Phase 1 trial. Janssen Research and Development. 56136379HPB1001. A Phase 1, double-blind, randomized, placebo-controlled, first-in-human study of orally administered JNJ-56136379 to evaluate safety, tolerability and pharmacokinetics after single ascending doses and one multiple dose regimen in healthy subjects (Part I), and after multiple dose regimens in subjects with chronic hepatitis B (Part II).
- January 2017 – September 2017. Principal investigator. Phase 2 trial. Wockhardt Bio AG W-4873-201. A Phase II, Randomized, Double-Blind, Multicenter, Comparative Study to Determine the Safety, Tolerability, Pharmacokinetics and Efficacy of Oral Nafithromycin Versus Oral Moxifloxacin in the Treatment of Community-Acquired Bacterial Pneumonia (CABP) in Adults.
- 2017 – 2018. Investigator. Phase 3 trial. Nabriva Therapeutics AG NAB-BC-3781-3102. A Phase 3, Randomized, Double-Blind, Double-Dummy Study to Compare the Efficacy and Safety of Oral Lefamulin (BC-3781) Versus Oral Moxifloxacin in Adults with Community-Acquired Bacterial Pneumonia

2016

- 2016 – 2018. Investigator. Phase 3 trial. Nabriva Therapeutics AG NAB-BC-3781-3101. A Phase 3, Randomized, Double-Blind, Double-Dummy Study to Compare the Efficacy and Safety of Lefamulin (BC-3781) Versus Moxifloxacin (With or Without Adjunctive Linezolid) in Adults with Community-Acquired Bacterial Pneumonia.
- April 2016 – May 2018. Principal investigator. Phase 1b/2a trial. Arbutus Biopharma ARB-001467-002. A Phase 1b/2a, Single-Blind, Randomized, Placebo-Controlled Study Evaluating the Safety, Anti-Viral Activity, and Pharmacokinetics of ARB-001467 In Non-Cirrhotic, HBeAg-Negative and Positive Subjects with Chronic HBV Infection Receiving Nucleos(t)ide Analogue Therapy.
- February 2016 – October 2017. Principal investigator. Pharmacoepidemiologic study. Gilead Sciences GS-EU-174-1403. Pharmacoepidemiology study to define the long-term safety profile of tenofovir disoproxil fumarate (Tenofovir DF, Viread®) and describe the management of Tenofovir DF-associated renal and bone toxicity in Chronic Hepatitis B (CHB)-infected adolescents aged 12 to <18 years in Europe
- February 2016 – April 2017. Principal investigator. Phase 3 study. AbbVie M13-590. A randomized, open-label, multicenter study to evaluate the efficacy and safety of ABT-493/ABT-530 in adults with chronic hepatitis C virus genotype 1 infection (ENDURANCE-1).
- February 2016 – December 2017. Principal investigator. Observational study. Merck, Sharp and Dohme Corp. MK-5172-017. A long-term follow-up study to evaluate the durability of virologic response and/or viral resistance patterns of subjects with chronic hepatitis C who have been previously treated with MK-5172 in a prior clinical trial.
- February 2016 – May 2016. Principal investigator. Observational study. ImmuneCarta Services. Leukocyte collection by leukapheresis for comprehensive HBV immune-response characterization and establishing references for clinical trials. Assay in a cohort of up to 40 HBV+ subjects.

#### 2015

- October 2015 - November 2015. Principal investigator. Phase I study. Alios Bipharma Inc. AL-335-601. A randomized, double-blind, placebo-controlled, first-in-human, 3-part study of orally administered AL-335 to evaluate the safety, tolerability and pharmacokinetics of single ascending dosing and food-effect in healthy volunteers, and multiple ascending dosing in subjects with chronic hepatitis C genotype 1 infection.
- October 2015 – 2020. Principal investigator. Viiiv Healthcare (ex Bristol-Myers Squibb up to 2016). AI438-047-0076. A multi-arm, Phase 3, randomized, placebo controlled, double blind clinical trial to investigate the efficacy and safety of BMS-663068 in heavily treatment experienced subjects infected with multi-drug resistant HIV-1.
- June 2015 – July 2016. Principal investigator. Astellas Pharma Europe EXTEND 2819-MA-1002. A phase IIIb/IV randomized, controlled, open-label, parallel group study to compare the efficacy of vancomycin therapy to extended duration fidaxomicin therapy in the sustained clinical cure of Clostridium difficile infection in an older population.
- May 2015 – 2020. Principal investigator. AbbVie M14-423. An Open-Label, Multicenter Study to Evaluate Long-Term Outcomes with ABT-450/Ritonavir/ABT-267 (ABT-450/r/ABT-267) and ABT-333 with or without Ribavirin (RBV) in Adults with Genotype 1 Chronic Hepatitis C Virus (HCV) Infection (TOPAZ-I)
- March 2015 – May 2018. Principal investigator. Gilead Sciences GS-US-330-1401. Safety and efficacy of GS-4774 in combination with tenofovir disoproxil fumarate (TDF) for the treatment of subjects with chronic hepatitis B and who are currently not on treatment.
- March 2015 – May 2017. Principal investigator. Merck Sharp & Dohme Corp. MK-5172-077. A Phase III, Open-Label Clinical Trial to Study the Efficacy and Safety of the Combination Regimen of MK-5172/MK-8742 versus Sofosbuvir/Pegylated Interferon/Ribavirin (PR) in Treatment-Naïve and PR Prior Treatment Failure Subjects with Chronic HCV GT1, 4 or 6 Infection.

#### 2014

- September 2014 – July 2018. Principal investigator. Merck Sharp & Dohme Corp. MK-5172-062. An Efficacy and Safety Study of MK-5172 + MK-8742 in the Treatment of Chronic Hepatitis C Virus Genotype 1, 4, 5 or 6 Infection in Treatment-Naïve Participants Who Are on Opiate Substitution Therapy (MK-5172-062) (C-COSTAR)
- July 2014 – 2020. Principal investigator: Gilead Sciences GS-US-320-0108. A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg-Negative, Chronic Hepatitis B.
- January 2014 – 2020. Principal investigator: Gilead Sciences GS-US-320-0110. A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Tenofovir Alafenamide (TAF) 25 mg QD versus Tenofovir Disoproxil Fumarate (TDF) 300 mg QD for the Treatment of HBeAg-Positive, Chronic Hepatitis B.

#### 2013

- November 2013 – September 2015. Principal investigator: Activaero Acti-INSP-001. A randomized, double-blind, parallel group, placebo controlled Phase II study to evaluate the safety and efficacy of two inhaled LASAG regimens and Placebo, applied three times daily in adult hospitalized patients with acute serious



influenza.

- July 2013 – September 2015. Principal investigator: MALACHITE-II AbbVie M13-862. A Randomized, Open-Label Study to Evaluate the Efficacy and Safety of ABT-450/Ritonavir/ABT-267 and ABT-333 Co-administered With Ribavirin Compared to Telaprevir Co-administered With Pegylated Interferon  $\alpha$ -2a and Ribavirin in Treatment-Experienced Adults With Chronic Hepatitis C Genotype 1 Virus Infection
- July 2013 – September 2015. Principal investigator: MALACHITE I AbbVie M13-774. A Randomized, Open-Label Study to Evaluate the Efficacy and Safety of ABT-450/Ritonavir/ABT-267 and ABT-333 Co-administered With and Without Ribavirin Compared to Telaprevir Co-administered With Pegylated Interferon  $\alpha$ -2a and Ribavirin in Treatment-Naïve Adults With Chronic Hepatitis C Genotype 1 Virus Infection
- April 2013 – October 2014. Principal investigator: PEARL-III AbbVie M13-961. A Randomized, Double-Blind, Controlled Study to Evaluate the Efficacy and Safety of the Combination of ABT-450/Ritonavir/ABT-267 (ABT-450/r/ABT-267) and ABT-333 With and Without Ribavirin (RBV) in Treatment-Naïve Adults with Genotype 1b Chronic Hepatitis C Virus (HCV) Infection
- February 2013 – February 2015. Principal investigator: HCVerso 1 Boehringer-Ingelheim 1241.20. A Phase III, Randomised, Partially Double-Blind and Placebo-Controlled Study of BI 207127 in Combination with Faldaprevir and Ribavirin in Treatment-Naïve Patients with Chronic Genotype 1 HCV Infection

2012

- Principal investigator An Open-Label, Randomized, Multicenter, Phase III Study of Ceftazidime Avibactam (CAZ-AVI, formerly CAZ104) and Best Available Therapy for the Treatment of Infections Due to Ceftazidime Resistant Gram Negative Pathogens (D4280C00006)
- Principal investigator M13-393: A Randomized, Open-Label Study to Evaluate the Safety and Efficacy of Coadministration of ABT-450 with Ritonavir (ABT-450/r) and ABT-267 in Adults with Chronic Hepatitis C Virus Infection (PEARL-I)
- Principal investigator, Protocol Number: ALS-2200-101, A Randomized, Double-blind, Placebo-controlled, First-in-human, 3-Part Study of Orally Administered ALS-002200 to Evaluate the Safety, Tolerability, and Pharmacokinetics of Single Ascending Dosing and Food-effect in Healthy Volunteers, and Multiple Ascending Dosing in Subjects with Chronic Hepatitis C Genotype 1 Infection 2012

2011

- Principal investigator A Multi-Center, Randomized, Double-Blind, Multiple Ascending Dose, Placebo-Controlled, Parallel Group 2-Part Study to Assess the Safety, Tolerability, Pharmacokinetics and Pharmacodynamic of the HCV Nucleoside Inhibitor RO5428029 in Healthy Subjects (Part A), and in Chronic Hepatitis C Genotype 1 Infected Patients (Part B) 2011
- Principal investigator "A multicentre, randomized, double-blind, placebo-controlled, parallel-group phase II study on the efficacy and safety of DEB025 combined with peg-IFN alfa-2a and ribavirin in chronic hepatitis C genotype 1 patients who are previous peg-IFN alfa-2 plus ribavirin treatment-nonresponders" 2011
- Principal investigator GS-US-174-0149, „Un studiu de superioritate de fază 4, randomizat, cu etichetă deschisă, controlat activ, de evaluare a eficacității și siguranței Tenofovir Disoproxil Fumarate (TDF) în combinație cu Peginterferon  $\alpha$ -2a (Pegasys®) față de monoterapia standard cu Tenofovir Disoproxil Fumarate sau monoterapia cu Peginterferon  $\alpha$ -2a timp de 48 de săptămâni la subiecți necirolici cu hepatită B cronică HBeAg-Pozitivă sau HBeAg-Negativă (CHB)", 2011
- Principal investigator al Modificări succesive ale testelor funcției hepatice peste 48 săptămâni, în HIV-1/HBV sau HIV-1/HCV pacienții co-infecțați și / sau HIV-1 pacienți infectați cu funcție hepatică anormală de pornire cu FPV / r., Numar Protocol: COL 113411, 2011
- Principal investigator for the Romanian sites for 2011 SENTRY Antimicrobial Surveillance Program, 2011
- Principal investigator for the study Safety, antiviral effect and pharmacokinetics of BI 207127 in combination with BI 201335 and with ribavirin for 4 weeks (Part 1) and with or without ribavirin for 16, 28 or 40 weeks (Part 2) in patients with chronic HCV genotype 1 infection (randomized, open label, Phase Ib/II) 2011
- Principal investigator Antiviral effect, safety and pharmacokinetics of BI 201335 NA in hepatitis C virus genotype 1 infected treatment-naïve and treatment-experienced patients for 24 weeks as combination therapy with pegylated interferon- $\alpha$  2a and ribavirin (double-blinded, randomised, placebo-controlled, Phase II). 2011
- Principal investigator Studiul de faza III, randomizat, dublu-orb, placebo-controlat privind administrarea produsului BI 201335 120 mg o data pe zi timp de 12 sau 24 de saptamani sau BI 201335 240 mg o data pe zi timp de 12 sapatamani in combinatie cu interferon pegilat  $\alpha$  si ribavirin la pacientii naivi la tratament cu infectie cronica cu virus hepatitic C genotip 1- 2011
- Principal investigator Protocolul AI463203: A Study of the Safety and Efficacy of Entecavir plus Tenofovir in Adults with Chronic Hepatitis B Virus Infection with Previous Nucleoside/Nucleotide Treatment Failure, Single arm, open-label, multi-center study.2011

2010

- Principal investigator SILEN-C2: Early antiviral activity and safety of BI 201335 combined with peginterferon-2a and ribavirin (PegIFN/RBV) in chronic HCV genotype 1 patients with non-response to PegIFN/RBV, 2010
- Principal investigator for the Romanian sites for 2010 SENTRY Antimicrobial Surveillance Program, 2010
- Principal investigator al proiectului GLORIA (GLUCAN DETECTION FOR RAPID DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS), implementarea Fungitell in diagnosticul uzual al infectiilor fungice sistemice, 2010
- Principal investigator -Protocol 6115A1-3002-WW-vaccin anti pneumococic, in cadrul pacientilor infectati HIV- 2010,
- Principal investigator for the study A Phase III Randomized, Double-blind Study of the Safety and Efficacy of GSK1349572 50 mg Once Daily Versus Raltegravir 400 mg Twice Daily, Both Administered with an Investigator-selected Background Regimen Over 48 Weeks in HIV-1 Infected, Integrase Inhibitor-Naïve, Antiretroviral Therapy-Experienced Adults, 2010
- Principal investigator for the study A Phase 2b study to select a once daily oral dose of GSK2248761 in HIV-1 infected antiretroviral therapy experienced adults with non-nucleoside reverse transcriptase inhibitor (NNRTI) resistance, 2010
- Principal investigator for the study Efficacy and safety of eraxis/ecalta (anidulafungin) compared to candida (caspofungin) in neutropenic patients with invasive candida infection, 2010
- Principal investigator in studiul pentru stabilirea dozei zilnice optima de GSK2248761 si de evaluare primara a activitatii antivirale si durabilitatii GSK2248761 in combinatie cu DRV/r si RAL. Etravirine (ETV) in combinatie cu DRV/r si RAL va fi bratul control. Acest studiu se adreseaza subiectilor infectati cu HIV-1 ,deja tratati antiretroviral si cu rezistenta la NNRTI documentata, 2010.

#### 2009

- Principal investigator for the study Antiviral effect, safety and pharmacokinetics of once daily BI 201335 NA in hepatitis C virus genotype 1 infected treatment-naïve patients for 24 weeks as combination therapy with pegylated interferon- $\alpha$  2a and ribavirin (double-blinded, randomised, placebo-controlled, Phase II) Protocol 1220.40- 2009.
- Principal investigator for the study Phase IIb, multi-centre, randomised, double-blind, active-controlled trial comparing the neuropsychiatric adverse event profile of etravirine 400 mg q.d. versus efavirenz 600 mg q.d. in combination with 2 nucleoside/nucleotide reverse transcriptase inhibitors in antiretroviral therapy-naïve HIV-1 infected subjects.(SENSE Study) -2009
- Principal investigator for the study GUARD-C - Global Observational Cohort Study on the Prediction of Unwanted Adverse Effects in Individuals Infected with Chronic Hepatitis C Receiving Peginterferon alfa 2a plus Ribavirin -2009
- Principal investigator for the study S-Collate (MV 22009) Multicentric, prospective, observational, non-interventional study for the evaluation of treatment response in patients with chronic B hepatitis-2009
- Principal investigator for the study Augmenting response to entecavir using a temporary peginterferon alpha-2a add-on strategy for the treatment of HBeAg-positive chronic hepatitis B (ARES study), 2009
- Principal investigator Studiu postautorizare observațional, non-intervențional, prospectiv, de evaluare a eficacității și siguranței Prezista® în combinație cu doză redusă de ritonavir și alte medicamente antiretrovirale la pacienți infectați cu HIV-1 subtipul F, experimentați SPERANTE)

#### 2008

- Principal investigator for the study Antiviral effect, safety and pharmacokinetics of once daily BI 201335 NA in hepatitis C virus genotype 1 infected treatment-naïve patients for 24 weeks as combination therapy with pegylated interferon- $\alpha$  2a and ribavirin (double-blinded, randomized, placebo-controlled, Phase II) Protocol 1220.40-2009.
- Principal investigator for the study BI 1220.5 "Antiviral effect, safety and pharmacokinetics of once daily BI 201335 NA in hepatitis C virus genotype 1 infected treatment-naïve patients for 12 or 24 weeks as combination therapy with pegylated interferon- $\alpha$  2a and ribavirin (double-blinded , randomized, placebo-controlled, Phase II). January 2008
- Principal investigator for the study MK 0530 a randomized double blind, multicentric study evaluating the efficacy and safety tolerability MK 0530 regimen plus OBT regimen in HIV infected patients multidrug experienced. Phase III B. August 2008
- Principal investigator for the study A 4001050 a randomized double blind, multicentric study evaluating the efficacy and safety tolerability of Maraviroc (CCR5 receptor binding) plus OBT regimen in HIV infected patients multidrug experienced. Phase III B. May 2008-2010

#### 2007

- Principal investigator for the study BCX812-312 phase III, multicentric, randomized, double blind, placebo-controlled trial for efficacy and safety of administration of peramivir in subjects with acute flu without complications, September 2007

- Principal investigator for the study Nr.1100.1470 Boehringer Ingelheim Prospective randomized comparison of Nevirapine and Atazanavir/ritonavir both combined with Tenofovir DF/Emtricitabine in treatment-naïve HIV-1 infected patients: ARTEN Study (Phase III b), January 2007
- Principal investigator for the study ICLA-20-PNE1 Randomized, double-blind, multicenter study to evaluate efficacy and safety of intravenous iclaprim versus vancomycin in the treatment of hospital-acquired, ventilator-associated, or health-care-associated pneumonia suspected or confirmed to be due to Gram-positive pathogens. October 2007
- Principal investigator for the AI463-080 Randomized, Observational Study of Entecavir to Assess Long-term Outcomes Associated With Nucleoside/Nucleotide Monotherapy for Patients With Chronic HBV Infection: The REALM Study. December 2007
- 2006
- Principal investigator for the study MSD-801-00 A multicenter, randomized, double blind, comparative study to evaluate the safety, tolerability, and efficacy of different Caspofungin doses in the treatment of invasive candidiasis, March 2006
- Principal investigator for the international multicentric phase IV, double blind study, evaluating the clinical utility of prospective genetic screening (HLA –B 5701) for the susceptibility to Abacavir Hypersensitivity CNA 1060 30, August 2006
- Principal investigator for the international multicentric phase IV, double blind study, HPR 2001,- for the evaluation of safety, PK, and antiviral activity of GW640385/Ritonavir therapy, for HIV-1 infected patients .GSK, July 2005
- Principal investigator for the international multicentric phase II study, “FBX- GSK” (antifibrosant therapy for chronic hepatitis VHC) - may 2006
- Principal investigator for the national study “LIPO” (lipodystrophy in HIV infected patients receiving HAART regimens)- April 2006
- Principal investigator for the international multicentric study evaluating the therapeutic vaccine therapy efficacy in chronic hepatitis C infected patients non responders to pegylated interferon therapy, June 2006

Prof. Univ.Dr. Adrian Streinu-Cercel

Februarie 2024