

## Lista lucrărilor științifice

### A. Teza de Doctorat

Diferențierea intratipică a tulpinilor de poliovirus izolate de la cazurile cu paralizie acută flască (PAF) și contactii acestora, prin metode imunologice și moleculare, UMF Carol Davila Bucuresti

### B. Lucrări științifice publicate în reviste de specialitate cotate ISI

**Băicuș A**, Joffret ML, Bessaud M, Delpyroux F, Oprisan G. Reinforced poliovirus and enterovirus surveillance in Romania, 2015-2016. Arch Virol. 2020 Nov;165(11):2627-2632. doi: 10.1007/s00705-020-04772-7.

Caraiola S, Dima A, Jurcut C, Jurcut R, Baicus C, **Băicuș A**. Correlation between Osteoprotegerin Levels and Antiphospholipid Syndrome Parameters. Lab Med. 2020 Mar 10;51(2):193-198. doi: 10.1093/labmed/lmz051.

Caraiola S, Jurcut C, Dima A, Jurcut R, Baicus C, **Băicuș A**. Impaired ankle-brachial index in antiphospholipid syndrome: Beyond the traditional risk factors. J Clin Lab Anal. 2019 Jan;33(1):e22617. doi: 10.1002/jcla.22617.

**Băicuș A**. Monitoring Enterovirus and Norovirus circulation in sewage water using isolation on cell culture lines and GeneXpert system. Rom Biotechnol Lett. 2019; 24(5): 820-825. DOI: 10.25083/rbl/24.5/820.825

**Băicuș A**, Lixandru B, Stroia M, Cirstoiu M, Constantin A, Usein CR, Cirstoiu CF. Antimicrobial susceptibility and molecular epidemiology of carbapenem-resistant *Klebsiella pneumoniae* strains isolated in an emergency university hospital. Romanian Biotechnological Letters. 2018; 23(2):13525-9. DOI: 10.26327/RBL2017.117.

Caraiola S, \_Jurcut C, Dima A, \_Baicus C, **Băicuș A**. Antiphosphatidyl ethanolamine Antibodies and Deep Vein Thrombosis in Lupus Patients with Antiphospholipid Syndrome. Rev Rom Med Lab, 2018, vol 26, nr.2. 243-250. DOI:10.2478/rmlm-2018-0009

Lixandru BE, Cotar AI, Straut M, Usein CR, Cristea D, Ciontea S, Tatu-Chitoiu D, Codita I, Rafila A, Nica M, Buzea M, **Băicuș A**, Ghita MC, Nistor I, Tuchiluş C, Indreas M, Antohe F, Glasner C, Grundmann H, Jasir A, Damian M. Carbapenemase-Producing *Klebsiella pneumoniae* in Romania: A Six-Month Survey. PLoS One. 2015 Nov 23;10(11):e0143214.

Baicus C, Rimbasi M, **Băicuș A**, Caraiola S; Grupul de Studiu al Scaderii Ponderale Involuntare. Cancer and involuntary weight loss: failure to validate a prediction score. PLoS One. 2014 Apr 24;9(4):e95286. doi: 10.1371.

Baicus C, Caraiola S, Rimbasi M, Patrascu R, **Băicuș A** for the GSSPI. Ferritin above 100 mcg/L could rule out colon cancer, but not gastric or rectal cancer in patients with involuntary weight loss. BMC Gastroenterol. 2012 Jul 9;12(1):86

Baicus C, Caraiola S, Rimbasi M, Patrascu R, **Băicuș A**; GSSPI. Serum cytokines and cancer in involuntary weight loss. J Investig Med. 2012 Jun;60(5):827-9

Baicus C, Caraiola S, Rimbasi M, Patrascu R, **Băicuș A**; for Grupul de Studiu al Scaderii Ponderale Involuntare. Utility of Routine Hematological and Inflammation Parameters for the Diagnosis of Cancer in Involuntary Weight Loss. J Investig Med. 2011 Jun 25

**Băicuș A**, Persu A, Dinu S, Joffret ML, Delpeyroux F, Oprisan G. The frequency and biodiversity of poliovirus and non-polioenterovirus strains isolated from healthy children living in a limited area in Romania. Arch Virol.2011, Jan.8

Jurcuț C, Jurcuț R, Caraiola S, Nițescu D, Mihai C, **Băicuș A**, Copaci I, Predețeanu D, Ginghina C, Tănăsescu C. Platelet histogram indices and cardiovascular disease in patients with rheumatoid arthritis. Rom J Intern Med. 2010;48(1):51-5

Combiescu M, Guillot S, Persu A, **Băicuș A**, Pitigoi D, Balanant J, Oprisan G, Crainic R, Delpeyroux F, Aubert-Combiescu A. Circulation of a type 1 recombinant vaccine-derived poliovirus strain in a limited area in Romania. Arch Virol. 2007;152(4):727-38. Epub 2007 Jan 3

Baicus C, **Băicuș A**. Spirulina did not ameliorate idiopathic chronic fatigue in four N-of-1 randomized controlled trials. Phytother Res. 2007;21(6):570-3

Baicus C, Bolosiu HD, Tanasescu C, **Băicuș A**. Fever of unknown origin-predictors of outcome. A prospective multicenter study on 164 patients. Eur J Intern Med. 2003 Jul;14(4):249-254

### **C. Lucrări științifice publicate în reviste indexate în alte baze de date internaționale**

**Băicuș A**, Persu A, Popa GL, Popa MI. Echovirus serotypes isolated in an aseptic meningitis outbreak in Romania. Roum Arch Microbiol Immunol. 2017 (1-2), 56-60

Băicuș A. The integration of the molecular methods in the diagnosis algorithm for the poliovirus detection in the sewage water: comparing concentration and detection methods. A Pilot Study. Rom J Intern Med. 2017 Dec 1;55(4):245-248. doi: 10.1515/rjim-2017-0028.

Voicu D , Bohalțea R, Bodean O, Munteanu O , Radu E , **Băicuș A**, Horhoianu I , Brătîlă E , Vasilescu S, Berceanu C, Săndulescu O, Trașcă L, Cîrstoiu M. Screening for inherited thrombophilia in pregnancy in Bucharest Emergency University Hospital Romanian Journal of Maternal-Fetal and Neonatal Medicine. 2017; 1(1): 11-17.

**Băicuș A**, Cîrstoiu M, Lambru K, Plata F, Cîrstoiu CF. The impact of the molecular diagnosis in the surveillance of the Clostridium difficile infection. Roum Arch Microbiol Immunol. 2016 (1-

2), 12-17

**Băicuș A.** Could the GeneXpert system be a new tool for poliovirus detection in the sewage water? Roum Arch Microbiol Immunol. 2016; 75(1-2): 52-54.

**Băicuș A.** Polio Vaccine coverage in the acute flaccid paralysis (AFP) cases in Romania. Roum Arch Microbiol Immunol. 2015; 74 (1-2), 65-67.

**Baicus A.** Status of immunity against poliomyelitis in the acute flaccid paralysis (AFP) cases in Romania between 2009-2012. Roum Arch Microbiol Immunol. 2014 Jan-Jun;73(1-2):56-60

**Băicuș A,** History of polio vaccination. World J Virol. 2012; 1(4): 108-114

**Băicuș A,** Cardas R. Impact of the molecular diagnosis on the management of patients with aseptic meningitis. Roum Arch Microbiol Immunol. 2012 Apr-Jun;71(2):100-3

Baicus C, Hristea A, **Băicuș A,** Evaluation of diagnostic tests: receiver operating characteristic curves. Revista Romana de Medicina de Laborator. 2011;19(3-4): 303-306.

Earnshaw S, Monnet DL, Duncan B, O'Toole J, Ekdahl K, Goossens H; European Antibiotic Awareness Day Technical Advisory Committee; European Antibiotic Awareness Day Collaborative Group (**Baicus A**) . European Antibiotic Awareness Day, 2008 - the first Europe-wide public information campaign on prudent antibiotic use: methods and survey of activities in participating countries. Euro Surveill. 2009;14(30):19280. doi: 10.2807/ese.14.30.19280-en. PMID: 19643056.

**Băicuș A,** Persu A, Popescu M, Penciu A, Stavri S, Soare A, Grecu N, Szmál C, Oprisan G. Correlation between vaccine coverage against polio and circulation and genetic evolution of the poliovirus strains isolated in Romania in the framework of the global polio eradication strategy. Roum Arch Microbiol Immunol., 2009; 68(3):145-50.

Baicus C, Caraiola S, **Băicuș A,** Tanasescu R, Rimbas M. Involuntary weight loss: case series, etiology and diagnostic. Rom J Intern Med. 2009;47(1):87-92

M Damian, D Tatu-Chitoiu, C R Usein, G Oprisan, AM Palade, S Dinu, C Szmál, S Ciontea, S Ceciu, M Condei, A Persu, **Băicuș A,** M Pop, I Neagoe, D Steriu, R Codreanu, M Graur, M C Cretu, S Cilievici, MNica, A Ecovoiu, L Gavrilă. Laboratory diagnosis of infectious diarrhoea syndrome ; a three years study in two hospitals of infectious diseases. Roum Arch. Microbiol Immunol, 2009, 2:89-94.

Persu A, **Băicuș A,** Stavri S, Combiescu M. Non-polio enteroviruses associated with acute flaccid paralysis (AFP) and facial paralysis (FP) cases in Romania, 2001-2008. Roum Arch Microbiol Immunol., 2009, 68(1):20-6

**Băicuș A,** Persu A, Combiescu M, Aubert-Combiescu A. The maintaining of the active laboratory-based surveillance of the acute flaccid paralysis (AFP) cases in Romania in the framework of the

strategic plan of the global polio eradication initiative. Roum Arch Microbiol Immunol., 2007, 66(1-2):44-50

**Băicuș A**, Combiescu M, Persu A, Oprișan G, Aubert-Combiescu A, Delpeyroux F. The molecular characterization of poliovirus strains by the RT-PCR-RFLP assay and its use in the active surveillance for acute flaccid paralysis cases in Romania between 2001-2006. Roum Arch Microbiol Immunol.2006, Jul-Dec;65(3-4):120-30

**Băicuș A**, Persu A, Popa MI, Baicus C. Immunity status against coxsackie viruses B in 25 patients with acute myocarditis. Roum Arch Microbiol Immunol.2006 Jul-Dec;65(3-4):109-12

**Băicuș A**, Combiescu M, Persu A, Aubert-Combiescu A. Immune status to polioviruses in the child population of Romania between 2002-2005 as indicated by serological investigation in cases of acute flaccid paralysis (AFP) and facial paralysis (FP) and its use as a "national reference value" to evaluate the vaccination coverage in particular groups of healthy children. Rev Med Chir Soc Med Nat Iasi. 2006;110(4):1004-11

Băicuș C, Boloșiu HD, Tănăsescu C, **Băicuș A**. Fever of unknown origin: 1. Etiology. A prospective multicenter study of 164 patients. Rev Med Chir Soc Med Nat Iasi.2003, Jul-Sep;107(3):545-50

Baicuș C, Boloșiu HD, Tănăsescu C, **Băicuș A**. Fever of unknown origin in Romania. II. Diagnostic Procedures. Prospective multicenter study of 164 patients. Rev Med Chir Soc Med Nat Iasi. 2003;107(4):772-80

#### D. Carti, capitole

**Baicus A**. Bacteriology for students, Laboratory Manual, Editura Universitară „Carol Davila”, 2011

**Baicus A**. Bacteriologie și imunologie - Curs universitar, Editura Universitară „Carol Davila”, 2011

**Baicus A**. Supravegherea circulației tulpinilor de poliovirus în Romania “ Editura Universitară „Carol Davila”, 2008

**Baicus A**. Bacteriology for Students, Editura Universitară „Carol Davila”, 2006

**Baicus A**, Baicus C. Non polio Enteroviruses, Polioviruses and Human CNS Infections. In SK Singh, D Ruzek (editors), Neuroviral infections. **2013. CRC Press (Taylor & Francis)**.

**Baicus A**, Persu A, Dinu S, Joffret ML, Delpeyroux F, Oprisan G. The frequency and biodiversity of poliovirus and non-polio enterovirus strains isolated from healthy children living in a limited area in Romania. **Arch Virol. 2011**;156(4):701-6. doi: 10.1007/s00705-010-0895-6.