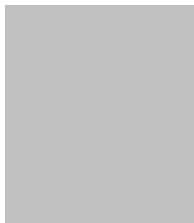


INFORMAȚII PERSONALE



Paraschiv Simona Florina

 Bucuresti, Romania



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mona@mateibals.ro

Skype ID ParaschivS

Sexul Feminin | Data nașterii 11/04/1979 | Naționalitatea Romana

LOCUL DE MUNCĂ PENTRU
CARE SE CANDIDEAZĂ
POZIȚIA
LOCUL DE MUNCĂ DORIT
STUDIILE PENTRU CARE SE
CANDIDEAZĂ
PROFILUL PERSONAL

Asistent Universitar, Disciplina Virusologie, UMF „Carol Davila”, Bucuresti

EXPERIENȚA PROFESIONALĂ

2003-prezent

Biolog principal, laborator Diagnostic Molecular, Institutul National de Boli Infectioase „Prof. Dr. Matei Bals”

Str. Grozovici, nr 1, sector 2, Bucuresti, 021105, www.mateibals.ro

Tipul sau sectorul de activitate Medicina de laborator, activitate de cercetare in domeniul HIV/SIDA, diagnostic molecular boli infectioase

EDUCAȚIE ȘI FORMARE

1997-2001

Licenta in Biochimie, Facultatea de Biologie, Universitatea din Bucuresti

Scrieți nivelul EQF,
dacă îl cunoașteți

2001-2003

Master in Biochimie si Biologie Moleculara, Facultatea de Biologie, Universitatea din Bucuresti

2002-2008

Doctor in Biologie, Facultatea de Biologie, Universitatea din Bucuresti

COMPETENTE PERSONALE

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	B2	B2	B2	B2
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					
Italiana	A2	A2	A2	A2	A2
Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.					

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
[Cadru european comun de referință pentru limbi străine](#)

Competențe de comunicare

Abilitati de comunicare interpersonală, capacitate de organizare, spirit de observație, atenție la detalii, spirit de inițiativă, responsabilitate, corectitudine, punctualitate.

Competențe organizaționale/manageriale

Competențe dobândite la locul de muncă

- cunostinte teoretice si practice in domeniul virusologiei, biologiei si epidemiologiei moleculare
- capacitate de analiza a datelor experimentale pentru obtinerea unor concluzii judicioase
- mana de lucru sigura cu folosirea tehnicilor corespunzatoare de biologie moleculara
- utilizarea aparatului informatic adecvat tipului de analiza (genotipare, profil mutational, filogenie)
- Expertiza dobandita in utilizarea tehnicilor de biologie moleculara:
 - tehnica secventierii acizilor nucleici;
 - tehnici de biologie moleculara - PCR, RT- PCR, Real Time PCR in vederea determinarii incarcarii plasmatice (viremiei) pentru virusurile HIV, HCV, HBV, HCMV;
 - tehnici de analiza a acizilor nucleici (comune de analiza a ARN si ADN) - electroforeza acizilor nucleici in geluri de agaroză si poliacrilamida;
 - tehnici de separare a monocitelor din sangele periferic (izolare PBMC).
 - clonare moleculara - cu utilizarea vectorul de clonare pBlueScript si pGEM-T in celule procariote ;
 - transferul ADN in celule procariote si in celule eucariote - metoda cu fosfat de calciu si cea enzimatica cu fosfataza alcalina
- Expertiza dobandita in folosirea altor tehnici:
 - purificare prin metode cromatografice de inalta performanta (FPLC); separare electroforetica in conditii native si denaturante; imunodetectie a proteinelor: Western blot, tehnici imunocitochimice;
 - extractie de proteine mitocondriale, ultracentrifugare, culturi celulare;
 - metode biochimice - metode spectrofotometrice pentru determinarea cineticii enzimatic.

Competențe digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT	UTILIZATOR INDEPENDENT

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat

[Competențele digitale - Grilă de auto-evaluare](#)

Scrieți denumirea certificatului.

- bune cunostinte operare PC (Word, Excel, Internet, Powerpoint)
- o bună stăpânire a programelor de analiza secvente nucleotidice (ADN)
- bune cunoștințe de editare foto, dobândite ca fotograf amator

Permis de conducere

B

Publicații

Articole in jurnale ISI- full-article, autor principal:

Popescu B, Banica L, Nicolae I, Radu E, Niculescu I, Abagiu A, Otelea D, Paraschiv S. NGS combined with phylogenetic analysis to detect HIV-1 dual infection in Romanian people who inject drugs. Microbes Infect. 2018 Apr 4. pii: S1286-4579(18)30075-3. doi: 10.1016/j.micinf.2018.03.004

Paraschiv S, Banica L, Nicolae I, Niculescu I, Abagiu A, Jipa R, Pineda-Peña AC, Pingarilho M, Neaga E, Theys K, Libin P, Otelea D, Abecasis A. Epidemic dispersion of HIV and HCV in a population of co-infected Romanian injecting drug users. PLoS One. 2017, 12(10):e0185866

Niculescu I, Paraschiv S, Paraskevis D, Abagiu , Batan I, Banica L, Otelea D. Recent HIV-1 Outbreak among Intravenous Drug Users in Romania: Evidence for Cocirculation of CRF14_BG and Subtype F1 Strains. AIDS Res Hum Retroviruses. 2014, Nov 4.

Paraschiv S, Otelea D, Batan I, Baicus C, Magiorkinis G and Paraskevis D. Molecular typing of the recently expanding subtype B HIV-1 epidemic in Romania: evidence for local spread among MSMs in Bucharest area, Infection, Genetics and Evolution, 2012, 12(5):1052-7

Paraschiv S, Foley B and Otelea D. Diversity of HIV-1 subtype C strains isolated in Romania. Infection, Genetics and Evolution. 2011, 11(2): 270-275

Paraschiv S, Otelea D, Dinu M, Maxim D, Tinischi M, 2007. Polymorphisms and resistance mutations in the protease and reverse transcriptase genes of HIV-1 F subtype Romanian strains. International Journal of Infectious Diseases; 11:123-128.

Paraschiv S, Otelea D, Baicus C, Tinischi M, Costache M, Neaga E, 2009. NRTI resistance mutations in subtype F1 strains isolated from heavily treated adolescents in Romania. International Journal of Infectious Diseases; 13 (1):81-89.

h-index (Web of Science)

8

Proiecte

In calitate de director de proiect:

- **Postdoctoral grant PD157; 136/2010. Origin and evolution study of HIV-1 strains in Romania.** Finatat de: CNCSIS (125000 RON); Perioada: 2010-2012 (24 luni); Director de proiect: Paraschiv Simona, National Institute for Infectious Diseases 'Matei Bals', Romania
- **Young Research Team project - contract number 260/01.10.2015: SEVERITY FACTORS IN INJECTING DRUG USERS INFECTED WITH HIV: ELEMENTS FOR DEVELOPING SPECIFIC DISEASE CONTROL STRATEGIES (HIV-ID)** Finatat de: UEFISCDI (550000 RON) Perioada: Oct 2015- Sept 2017 (24 luni) Director de proiect: Paraschiv Simona, National Institute for Infectious Diseases 'Matei Bals', Romania

In calitate de membru al echipei de proiect:

- **EuropeHIVResistance (EU-2006-518211)**, research project FP6
Finatat de: European Committee. <http://www.europehivresistance.com>
Perioada: 2006-2010
Project manager: Charles Boucher, University Medical Center Utrecht, Netherlands
- **BEST HOPE, an European Research Projects on AIDS / HIV (HIVERA).**
Finatat de: EC and ANCS (200000euro)
Perioada: 2012-2015
Project manager: Osamah Hamouda, Robert Koch-Institute, Berlin, Germany
Romanian project manager: Dan Otelea, National Institute for Infectious Diseases 'Matei Bals', Romania
- **GREENVAC (5SEE)** —, Dezvoltarea unei platforme tehnologice rentabile Romano-Norvegiene, bazata pe producerea in plante de vaccinuri orale si injectabile fata de virusurile hepatice B (VHB) si C (VHC)" (4928028 lei/ 1121000euro)
Perioada: 2014-2017
Director de proiect: Norica Nichita, Institutul de Biochimie, Romania

Distincții

Premii internationale

Premiul pentru cel mai bun poster la '10th Scientific Meeting of European Society of Chemotherapy-Infectious Diseases', Universitatea din Viena, Austria, iunie- iulie 2003 pentru lucrarea 'Detection of antiretroviral resistance mutations by reverse hybridization and sequencing: a comparative study on HIV-1 strains isolated from patients with virological and/or immunological failure', autori Dinu M, Manaila S, Tinischi M, Banica D si Otelea D.

Premiul pentru cel mai bun poster la '4th European HIV Drug Resistance Workshop', Monte Carlo martie 2006 pentru lucrarea 'NRTI resistance profiles in subtype F strains isolated from heavily treated adolescents in Romania', autori Paraschiv S, Otelea D, Dinu M, Tinischi M, Florea M.

Articole in jurnale ISI – full article, co-autor:

Colagrossi L, Hermans LE, Salpini R, Di Carlo D, Pas SD, Alvarez M, Ben-Ari Z, Boland G, Bruzzone B, Coppola N, Seguin-Devaux C, Dyda T, Garcia F, Kaiser R, Köse S, Krarup H, Lazarevic I, Lunar MM, Maylin S, Micheli V, Mor O, Paraschiv S et al. Immune-escape mutations and stop-codons in HBsAg develop in a large proportion of patients with chronic HBV infection exposed to anti-HBV drugs in Europe. BMC Infect Dis. 2018 Jun 1;18(1):251. doi: 10.1186/s12879-018-3161-2.

Hermans LE, Svicher V, Pas SD, Salpini R, Alvarez M, Ben Ari Z, Boland G, Bruzzone B, Coppola N, Seguin-Devaux C, Dyda T, Garcia F, Kaiser R, Köse S, Krarup H, Lazarevic I, Lunar MM, Maylin S, Micheli V, Mor O, Paraschiv S et al. Combined Analysis of the Prevalence of Drug-Resistant Hepatitis B Virus in Antiviral Therapy-Experienced Patients in Europe (CAPRE). J Infect Dis. 2016 Jan 1;213(1):39-48. doi: 10.1093/infdis/jiv363. Epub 2015 Jul 1

Libin P, Beheydt G, Deforche K, Imbrechts S, Ferreira F, Van Laethem K, Theys K, Carvalho AP, Cavaco-Silva J, Lapadula G, Torti C, Assel M, Wesner S, Snoeck J, Ruelle J, De Bel A, Lacor P, De Munter P, Van Wijngaerden E, Zazzi M, Kaiser R, Ayoub A, Peeters M, de Oliveira T, Alcantara LC, Grossman Z, Sloot P, Otelea D, Paraschiv S, Boucher C, Camacho RJ, Vandamme AM. RegaDB: community-driven data management and analysis for infectious diseases. Bioinformatics. 2013 Jun 1;29(11):1477-80. doi: 10.1093/bioinformatics/btt162.

Osakwe CE, Bleotu C, Chifiriuc MC, Grancea C, Otelea D, Paraschiv S, Petrea S, Dinu M, Băicuș C, Streinu-Cercel A, Lazăr V. TH1/TH2 cytokine levels as an indicator for disease progression in human immunodeficiency virus type 1 infection and response to antiretroviral therapy. Roum Arch Microbiol Immunol. 2010 Jan-Mar;69(1):24-34.

Hristea A, Otelea D, Paraschiv S, Macri A, Baicus C, Moldovan O, Tinischi M, Arama V, Streinu-Cercel A. Detection of Mycobacterium tuberculosis resistance mutations to rifampin and isoniazid by real-time PCR. Indian J Med Microbiol. 2010 Jul-Sep;28(3):211-6. doi: 10.4103/0255-0857.66474.

Molagic V, Aramă V, Cercel AS, Irimescu N, Vlădăreanu AM, Olariu M, Aramă SS, Rafila A, Dobrea C, Costoiu S, Mârza M, Otelea D, Paraschiv S, Maxim D, Popa M, Bumbea H, Ciufu C, Băicuș C, Mihăilescu R. Preliminary data on the involvement of B, C and D hepatitis viruses in the etiopathogenesis of chronic lymphoproliferative syndromes in Romania. Rom J Intern Med. 2009;47(1):25-34.

Mihăilescu R, Arama V, Paraschiv S, Streinu-Cercel A, Otelea D, Munteanu D, Iosipenco M, Chiotan C, Benea OE, Mărdărescu M, Rădulescu M, Hristea A, Ungurianu R, Aramă SS, Cercel AS, Călin R, Băicuș C. Impact of highly active antiretroviral therapy on cytomegalovirus viraemia in the absence of specific anti-cytomegalovirus therapy. Rom J Intern Med. 2008;46(4):305-11.

Banica L, Besliu A, Pistol G, Stavaru C, Ionescu R, Forsea AM, Tanaseanu C, Dumitrache S, Otelea D, Tamsulea I, Tanaseanu S, Chitonu C, Paraschiv S, Balteanu M, Stefanescu M, Matache C. Quantification and molecular characterization of regulatory T cells in connective tissue diseases. Autoimmunity. 2009 Jan; 42 (1):41-9.

Popescu GA, OteleaD, Gavrilu LC, Neaga E, Popescu C, Paraschiv S, Fratila M. Epidemiology of Hepatitis D in HBV infected petients in Bucharest: a cross-sectional study. Journal of Medical Virology 2013;85(5):769-74

Stanojevic M, Alexiev I, Beshkov D, Gökengin D, Mezei M, Minarovits J, Otelea D, Paraschiv S, Poljak M, Zidovec-Lepej S, Paraskevis D. HIV-1 Molecular Epidemiology in the Balkans - A Melting Pot for High Genetic Diversity. AIDS REVIEWS, 2012 Volume: 14 Issue: 1 Pages: 28-36

Pineda-Peña AC, Theys K, Stylianou DC, Demetriades I; SPREAD/ESAR Program, Abecasis AB, Kostrikis LG. HIV-1 Infection in Cyprus, the Eastern Mediterranean European Frontier: A Densely Sampled Transmission Dynamics Analysis from 1986 to 2012. Sci Rep. 2018 Jan 26;8(1):1702. doi: 10.1038/s41598-017-19080-5.

Hofstra LM, Sauvageot N, Albert J, Alexiev I, Garcia F, Struck D et al. Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. Clin Infect Dis. 2016 Mar 1;62(5):655-663. doi: 10.1093/cid/civ963. Epub 2015 Nov 29.

Casadellà M, van Ham PM, Noguera-Julian M, van Kessel A, Pou C, Hofstra LM, Santos JR, Garcia F, Struck D, Alexiev I, Bakken Kran AM, Hoepelman AI, Kostrikis LG, Somogyi S, Liitsola K, Linka M, Nielsen C, Otelea D, Paraskevis D, Poljak M, Puchhammer-Stöckl E, Staneková D, Stanojevic M, Van Laethem K, Zidovec Lepej S, Clotet B, Boucher CA, Paredes R, Wensing AM; SPREAD programme. Primary resistance to integrase strand-transfer inhibitors in Europe. J Antimicrob Chemother. 2015 Oct;70(10):2885-8. doi: 10.1093/jac/dkv202. Epub 2015 Jul 17.

Articole in jurnale BDI – full article , autor principal:

Paraschiv S, Batan I, Banica L, Fratila M, Doana A, Vizitiu I, Otelea D. Recombination analysis for subtyping unclassified HIV-1 isolates in Romania. Therapeutics, Pharmacology and Clinical Toxicology, 2012, Vol XVI, Number 3, 163-167

Carti – co-autor:

Anca Macri, Olga Moldovan, Viorel Olar, Adriana Hristea, Diana Leonte, Simona Paraschiv. Ghid de diagnostic al tuberculozei. Editura MatrixRom, Bucuresti, 2006, ISBN (10) 973 – 755 – 009 – 9.