

CURRICULUM VITAE

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Experienta profesionala:

2000-2001 Tehnician in Institutul de Biochimie al Academiei Romane
2001-2005 Asistent de cercetare in Institutul de Biochimie al Academiei Romane
2005-2006 Cercetator stiintific in Institutul de Biochimie al Academiei Romane
2006-2016 Cercetator stiintific III in Institutul de Biochimie al Academiei Romane
2016- Cercetator stiintific II in Institutul de Biochimie al Academiei Romane

Educatie:

1997-2001 Diploma de licenta (BSc) in Biochimie, Universitatea Bucuresti (Facultatea de Biochimie), Romania
2002-2005 Doctorat (PhD/ Dphil) in Biochimie, Universitatea Oxford (Departamentul de Biochimie), UK
2007-2009 Stagiu postdoctoral in virologie moleculara in cadrul programului Marie Curie RTN (EIHCV) la Institutul Pasteur din Lille in laboratorul de Hepatita C condus de Dr. Jean Dubuisson (25 luni)
2009-2010 Stagiu postdoctoral in virologie moleculara in cadrul programului Marie Curie RTN (EIHCV) la Institutul Pasteur din Lille in laboratorul de Hepatita C condus de Dr. Jean Dubuisson (4 luni)

Lista publicatii reprezentative :

Vlaicu O, Selescu T, Pastrama F, Munteanu C, Riva L, Dubuisson J, Rouille Y, Popescu CI. *Novel replicons and trans-encapsidation systems for Hepatitis C Virus proteins live imaging and virus-host interaction proteomics. J Virol Methods. 246:42-50 (2017)*

Popescu CI, Riva L, Vlaicu O, Farhat R, Rouillé Y, Dubuisson J. *Hepatitis C virus life cycle and lipid metabolism. Biology (Basel)*, 3:892-921 (2014).

Potel J, Rassam P, Montpellier C, Kaestner L, Werkmeister E, Tews BA, Couturier C, Popescu CI, Baumert TF, Rubinstein E, Dubuisson J, Milhiet PE, Cocquere L "EWI-2wint promotes CD81 clustering that abrogates Hepatitis C Virus entry", *Cell Microbiol.*, 15:1234-52, (2013)

Popescu CI, Rouille Y, Dubuisson J "Hepatitis C assembly imaging", *Viruses*, 3, 2238-2254 (2011)

Popescu CI, Rouille Y, Dubuisson J "HCV replication and assembly – a play in one act", *Future Virol.*, 6, 985-995 (2011)

Popescu CI, Callens N, Trinel D, Roingear P, Moradpour D, Descamps V, Duverlie G, Penin F, Héliot L, Rouillé Y, Dubuisson J, "NS2 protein of hepatitis C virus interacts with structural and non-structural proteins towards virus assembly.", *PLoS Pathogens*, 7 (2), e1001278 (2011)

Helle F, Vieyres G, Elkrif L, Popescu CI, Wychowski C, Descamps V, Castelain S, Roingear P, Duverlie G, Dubuisson J, "Role of N-linked glycans in the functions of HCV envelope proteins incorporated in infectious virions.", *J Virol.*, 84, 11905-11915 (2010)

Brevete

1. Petrescu SM, Popescu CI, Dwek RA „Tyrosinase mutants and methods of use thereof”, depuis la 07.10.2003, publicat la 09.02.2012, US2012034675

Granturi in calitate de director de proiect

1. 2010-2012 Grant pentru stimularea revenirii in tara a cercetatorilor (PN-II-RU-RP-2009-6). "Rolul proteinei virale NS2 in procesul de asamblare a Virusului Hepatitei C".
2. 2013-2016 Grant pentru stimularea constituirii de tinere echipe de cercetare independente (PN-II-RU-TE-2012-3-0471). "Imagistica in timp real a modulelor virale in timpul asamblarii Virusului Hepatitei C"
3. 2014-2017 "Identificarea de factori endogeni implicati in asamblarea virusului Hepatitei C si caracterizarea rolului lor potential *in vivo*" (HCV-ASSEMBLY ERANET 4007/2014) - partener
4. 2013-2105 Colaborare bilaterala –Proiect international de cooperare stiintifica (PICS) "Investigarea relatiei intre proteinele structurale si non-structurale in timpul asamblarii virusului Hepatitei C" (PN-II-CT-RO-FR-2013-1).
5. 2016-2018 "Identificarea de structuri chimice noi cu activitate inhibitorie fata de cistein proteazei NS2 a virusului Hepatitei C"(HCVCYSPROT ERANET 6/2016) - coordonator

Granturi cu mediul privat

1. 2015-2016 "Caracterizarea unor extracte naturale prin spectrometrie de masa" – partener BIOTEHNOS SRL

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