

Maria G. Detsika

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Employment:

Current: University of Athens Medical School. Postdoctoral Research Associate. 1st Department of Critical Care Medicine & Pulmonary Services, GP Livanos and M Simou Laboratories, School of Medicine, (National and Kapodistrian University of Athens Evangelismos Hospital), Thorax foundation.

Previous: University of Athens Medical School. Postdoctoral Research Associate. Department of Hygiene, Epidemiology and Medical Statistics. School of Medicine, National and Kapodistrian University of Athens.

Imperial College, London: Postdoctoral Research Fellow in the Lung Cancer Signal Transduction Group of the Department of Oncology, Division of Surgery, Oncology, Reproductive Biology and Anaesthetics. (Group leader: Dr Ana Costa-Pereira).

Education and Qualifications:

PhD: Evolution of minority species of HIV harbouring drug resistance. **University of**

Liverpool:

MRes (by research): Genetic variation amongst isolates of *Burkholderia cepacia*. **University of Liverpool**

B.Sc. Hon: Microbiology. **University of Liverpool**

Graduated from Tositseio-Arsakeio School. Athens- Greece.

Publications:

microRNAs and HIV: a complex and promising relationship. M. G. Detsika, A. Psaris, D. Paraskevis and A. Hatzakis. (2012) AIDS Reviews. July, 14:3.

Appearance of a single amino acid insertion at position 33 (L33L-L) in HIV-1 protease under a LPV-containing regimen, associated with reduced protease inhibitor susceptibility. E. Magiorkinis, D. Paraskevis, **M. G. Detsika**, L. Lu, G. Magiorkinis, M. Lazanas, S. Imbrechts, K. Van Laethem, A-M Vandamme, T. Pilot-Matias, A. Molla, R. Camacho A. Hatzakis. (2011). AIDS Res. and Hum. Retr. Nov;27(11):1223-9.

Comparative evaluation of the performance of the Abbott RealTime HIV assay for measurement of HIV-1 plasma viral load on genetically diverse clinical samples. A. Katsoulidou, C. Rokka, C. Issari, C. Haida, K. Tzannis, V. Sypsa, **M. Detsika**, D. Paraskevis and A. Hatzakis. Virol J. 2011 Jan 11;8:10.

Review of the 8th European HIV Drug Resistance Workshop. **M. Detsika** and D. Paraskevis. (2010) Greek AIDS Files.

Magiorkinis E, **Detsika M**, Hatzakis A, Paraskevis D. Monitoring HIV drug resistance in treatment-naïve: molecular indicators, epidemiology and clinical implications. HIV Ther. 2009;3:369-390. Review.

Detsika MG, Chandler B, Khoo SH, Winstanley C, Cane P, Back DJ, Owen A. (Oct 2007). Detection and quantification of minority HIV isolates harbouring the D30N mutation by real-time PCR amplification. J. Antimicrob. Chemoth. 60:881-884

Ippokratis Messaritakis, **Maria Detsika**, Maria Koliou, Stavros Sifakis, Y. Tselentis, Maria Antoniou (2008). Genotypes of *Toxoplasma gondii* from Crete and Cyprus characterized directly from biological material using polymerase chain reaction and restriction fragment length polymorphism. *Int. J. Parasit.*

Chandler B, **Detsika M**, Owen A, Evans S, Hartkoorn RC, Cane PA, Back DJ, Khoo SH. Effect of transporter modulation on the emergence of nelfinavir resistance in vitro. *Antivir Ther.* 2007;12(5):831-4.

Chandler B, **Detsika M**, Khoo SH, Williams J, Back DJ, Owen A. Factors impacting the expression of membrane-bound proteins in lymphocytes from HIV-positive subjects. *J Antimicrob Chemother.* 2007 Sep;60(3):685-9. Epub 2007 Jul 2.

Detsika, M.G., Corkill, J. E., Magalhães, Glendinning, K. J., Hart, C. A. and C. Winstanley. (2003). Molecular typing of, and distribution of genetic markers among, *Burkholderia cepacia* complex isolates from Brazil. *J. Clin. Microbiol.* 41:4148-4153.

Winstanley, C., **Detsika, M.G.**, Glendinning, K.J., Parsons, Y.N. and Hart C.A. (2001) Flagellin gene PCR-RFLP analysis of a panel of strains from the *Burkholderia cepacia* complex. *J. Med. Microbiol.* 50:728-731.

Parsons, Y. N., Banasko, R., **Detsika, M.G.**, Duangsonk K., Rainbow L., Hart, C. A. and Winstanley, C. (2003). Suppression-subtractive hybridisation reveals variations in gene distribution amongst the *Burkholderia cepacia* complex, including the presence in some strains of a genomic island containing putative polysaccharide production genes. *Arch. Microbiol.* 179:214-223.

Additional Information

Oral Presentations:

Regulation of Glomerular DAF by Heme: Role of HO-1. **Maria G. Detsika***, P. Duann, E A. Lianos. 17th Panhellenic Nephrology Conference, Kilini, Greece, 2012.

Poster Presentations (Conferences and Scientific Meetings).

Mechanism of glomerular HO-1 regulation. **Maria G. Detsika***, P. Duann, E A. Lianos. 50th Congress of European Renal Association- European Dialysis Transplant Association (ERA-EDTA). Istanbul, Turkey. 18-21 May 2013.

Regulation of Glomerular DAF by Heme: Role of HO-1. **Maria G. Detsika***, P. Duann, E A. Lianos. Accepted for poster presentation, American Society for Nephrology (ASN) Kidney week, October (2012), San Diego, USA, United States.

High prevalence of the UGT1A1*28 variant in HIV-infected individuals in Greece. Panagopoulos P., D Paraskevis, V Sypsa, **M Detsika**, K Protopapas, V Sakka, G Poulakou, A Papadopoulos, G Petrikkos, A Hatzakis. Tenth International Congress on Drug Therapy in HIV Infection, Glasgow, UK. 7-11 November (2010).

Resistance levels in patients failing first line PI or NNRTI combination therapy in Greece. D. Paraskevis, **M. Detsika**, G. Magiorkinis, E. Magiorkinis, A. Zavitsanou, M. Lazanas, M. Chini, V. Pappazios, A. Kourkounti, A. Antoniadou, A. Papadopoulos, G. Poulakou, H. G. Chryssos, Sabatakou, G. Daikos, M. Psychogiou, P. Gargalianos, G. Xylomenos, T. Kordossis, A. Skoutelis, A. Hatzakis. (2010). 8th European HIV Drug Resistance Workshop, Sorrento, Italy.

Resistance levels in antiretroviral-experienced patients previously failing a boosted PI or an NNRTI therapy in an observational clinical setting. **M. Detsika***, D. Paraskevis, G. Magiorkinis, E. Magiorkinis, M. Lazanas, M. Chini, V. Pappas, A. Kourkounti, P. Gargalianos, G. Xylomenos, A. Antoniadou, A. Papadopoulos⁵ P. Panagopoulos, H. Sabatakou, G. Chryssos, G. Daikos, M. Psychogiou, A. Skoutelis, T. Kordossis, M. Theodoridou, A. Hatzakis. (2010). 8th European HIV Drug Resistance Workshop, Sorrento, Italy.

Prevalence of HIV drug resistance and transmission patterns in naïve individuals in Greece during 2002-2008. D Paraskevis, E. Magiorkinis, **M. G. Detsika**, M. Lazanas, M. Chini, N. Magafas, V. Pappas, A. Antoniadou, A. Papadopoulos, P. Panagopoulos, G. Poulakou, G. Chryssos, H. Sambatakou, M. Psychogiou, G. Petrikos, P. Gargalianos, G. Chilomenos, G. Panos, S. Drimis, T. Kordossis, M. Theodoridou, A. Hatzakis. (2009). 12th European AIDS Conference/EACS. Cologne, Germany.

ATM plays a role in the IFN- γ response. **Maria G. Detsika***, Diane Watling, Ana Costa-Pereira. 'BACR/RSM Cell Signalling and novel cancer therapeutics' 2007 conference. London, UK

Correlation between P-glycoprotein and CXCR4 on PBMC and CD4+ cells isolated from HIV+ individuals. B. Chandler, S. Khoo, **M. Detsika**, T. Walsh, J. Williams, D. Back and A. Owen. 12th Conference on Retroviruses and Opportunistic Infections (CROI, 2005) Boston, Massachusetts. USA.

Evolution of HIV-1, under PI drug pressure, in the presence and absence of a P-gp inhibitor. **Maria G. Detsika***, B. Chandler, A. Owen, C. Winstanley, S. H. Khoo and D. J. Back. 3rd European HIV Drug Resistance Workshop. (2005) Athens, Greece.

Detection of minority strains of HIV harbouring drug resistance. **Maria G. Detsika***, C. Winstanley, A. Owen, S. H. Khoo, D. J. Back and C. A. Hart. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC, 2004) Washington DC, USA.

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ELPEN Pharmaceutical Company 2013-2014

Previous funding

Previously funded by the following bodies:

British Society for Antimicrobial Chemotherapy (BSAC).
Royal Liverpool University Hospital R& D Fund. (RULH R& D).
British Association for Cancer Research (BACR).

Awards.

Regulation of Glomerular DAF by Heme: Role of HO-1. **Maria G. Detsika***, P. Duann, E A. Lianos.

Award for Basic research. 38th Panhellenic Medical Congress. May 2012.

Collaborations.

Member of the Collaborative HIV and Anti-HIV Drug Resistance Network (CHAIN).
FP7 European collaborative project.