

## Curriculum Vitae

### Dados pessoais

**Nome:** Ana Barroso Abecasis

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**Nacionalidade:** Portuguese

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**ResearcherID:** B-6295-2009 (h-index: 15)

**Scopus Author ID:** 8835604200

**Google Scholar:** <http://scholar.google.pt/citations?user=wZb3dUkAAAAJ&hl=pt-PT> (h-index: 19)

**ResearchGate:** [https://www.researchgate.net/profile/Ana\\_Abecasis2](https://www.researchgate.net/profile/Ana_Abecasis2) (h-index: 16)

### Educação

Julho 2014 **Faculdade De Ciências Médicas, Universidade Nova de Lisboa, Lisboa, Portugal.**  
**Mestrado Integrado em Medicina (Classificação final: 16.47, escala 0-20).**

Maio 2009 **Katholieke Universiteit Leuven, Leuven, Bélgica.**  
**Doutoramento em Ciências Médicas**  
Tese: “The impact of genetic diversity on HIV-1 molecular epidemiology and antiviral drug resistance”

Out 2002 **Faculdade De Farmácia Da Universidade De Lisboa, Lisboa, Portugal.**  
**Licenciatura em Ciências Farmacêuticas (Classificação final: 15.32, escala 0-20).**

**Áreas de Interesse** **Virologia, Microbiologia, Resistência antiretroviral e antimicrobiana, Bioinformática, Evolução, Transmissão de Doenças Infecciosas, Vírus de Evolução Rápida**

### Posição Atual

Desde Jan 2014 **Instituto De Higiene e Medicina Tropical (IHMT), Lisboa, Portugal.**  
**Global Health and Tropical Medicine**

**Investigadora Auxiliar Convidada**

Descrição das tarefas

*Tarefas de investigação:*

Desenvolvimento e implementação de projetos de investigação.

Desenvolvimento de trabalho de investigação.

Gestão de projetos de investigação.

Contratação e supervisão de bolsiros de investigação.

Submissão de propostas de projetos de investigação.

Escrita e submissão de artigos científicos e apresentações em conferências.

Revisão de artigos científicos e projetos de investigação.

*Tarefas de ensino:*

Responsável pela Unidade Curricular de Bioinformática do mestrado de Estatística Aplicada na Saúde da Universidade Nova de Lisboa (e-Learning).

Responsável pela Unidade Curricular de Bioinformática do programa de doutoramento NOVA Doctor: Programme in Global Health.

Responsável pela Unidade Curricular de Metodologias de Investigação em Saúde do Mestrado em

Saúde e Desenvolvimento do IHMT.

Orientação e co-orientação de alunos de Mestrado e de Doutoramento.

Palestrante nas Unidades Curriculares de Bioinformática, Biologia Computacional e Epidemiologia Molecular nos Programas de Mestrado e Doutoramento em Ciências Biomédicas do IHMT.

### Posições anteriores

- Jan 2010 – Nov 2013 **Instituto De Higiene e Medicina Tropical, Lisboa, Portugal.  
Centro De Malária e Outras Doenças Tropicais**  
Bolsa de Pós-Doutoramento.
- Mar 2009 – Dez 2009 **Instituto Gulbenkian de Ciência, Oeiras, Portugal.**  
Bolsa de Pós-Doutoramento.
- Out 2004 – Maio 2009 **Katholieke Universiteit Leuven, Rega Institute for Medical Research, Leuven, Belgium.  
Laboratory for Clinical and Epidemiological Virology**  
Aluna de doutoramento.
- Nov 2005 - Jan 2006 **Oxford University, Oxford Evolutionary Biology Group, Department of Zoology. Oxford, UK.**  
Bolsa Marie-Curie GeneTime.
- Jan 2003 – Set 2004 **Laboratório De Virologia, Hospital De Egas Moniz. Lisboa, Portugal.**  
Bolsa de Investigação
- Jul-Dez 2002 **Schering Lusitana, Lda.**  
Estágio no Departamento de Regulamentação Farmacêutica.
- Mar-Jun.2002 **Pharsolution**  
Consultora na área de Regulamentação Farmacêutica.

### Prémios

- 2017 **Melhor Apresentação Oral nas III Jornadas Regionais Temáticas de Infeciologia – Virologia Clínica, Sesimbra, Portugal.**  
Pingarilho M., Pineda-Peña A. C., Gomes P., Pimentel V. F., Libin P., Theys K., Martins M. R. O., Dias S Vandamme A. M., Camacho R. J., **Abecasis A. B.** on behalf of the BEST HOPE Study group. Best Hope vigilância de padrões de transmissão de resistências ao VIH em Portugal: resultados preliminaries. I Jornadas Regionais Temáticas de Infeciologia – Virologia Clínica. Sesimbra, Portugal.
- 2016 **Prémio Gilead Génese com o projecto: ‘LatePresenters HIV: Importância dos diagnósticos tardios na propagação da epidemia de VIH em Portugal: uma abordagem multidisciplinar’**
- 2014 **Prémio Melhor Apresentação em Poster no 12<sup>th</sup> European Meeting on HIV&Hepatitis: Treatment Strategies and Antiviral Drug Resistance.**  
Eusébio M, Winand R, Pineda-Peña A.-C, Li G, Gomes P, Camacho RJ, Vandamme A.-M, **Abecasis AI**  
Transmission clusters of drug resistance in subtype B in Portugal.
- 2012 **Medalha de Honra L’Oreal Portugal FCT Unesco para as Mulheres na Ciência.**

### Projetos de investigação

- Desde Jan 2017 **Importância dos diagnósticos tardios na propagação da epidemia de VIH em Portugal: uma abordagem multidisciplinar**  
Gilead Génese Programme  
Investigadora Principal
- Desde Set 2016 **ZIKAlliance: A global alliance for Zika virus control and prevention**  
Horizon 2020: H2020-SC1-2016-RTD-Zika  
Líder da subtarefa ‘Comparative Genomics: Molecular Epidemiology and Phylogeography’
- Desde Julho 2016 **Genomics, socio-behavioral and clinical data to prevent HIV transmission in migrants: an innovative approach (MigrantHIV)**  
Fundação para a Ciência e Tecnologia: PTDC/DTP-EPI/7066/2014  
Investigadora Principal
- Jul 2013 – Jun 2017 **Bio-Molecular and Epidemiological Surveillance of HIV Transmission Patterns, Transmitted Drug Resistance, Hepatitis Co-infections, and Ongoing Aging Processes in Europe (BEST HOPE)**  
HIVERA Transnational Cooperation  
Investigadora Principal em Portugal
- 2009-2014 **Collaborative HIV and Anti-HIV Drug Resistance Network (CHAIN)**  
European Community Seventh Framework Programme FP7: Grant Health-F3-2009-223131  
Participante
- 2006-2009 **European Cohort Coordinating Network on HIV Drug Resistance**  
European Commission Sixth Framework Programme: Grant LSHP-CT-2006-518211  
Participante
- 2003-2006 **SPREAD: Strategy to Control SPREAD of HIV Drug Resistance**  
European Commission Fifth Framework Programme: Grant nº QLK2-CT-2001-01344  
Participante

### **Bolsas**

- Jan 2014-presente Contrato de Investigadora Auxiliar atribuído pelo programa **Investigador FCT**
- Jan 2010-Nov 2013 Bolsa de pós-doutoramento **Fundação para a Ciência e Tecnologia** (Bolsa nº SFRH / BPD / 65605 / 2009)
- Mar 2009 – Out 2009 Bolsa de investigação da **Fundação Calouste Gulbenkian**.
- Dez 2004 – Fev 2009 Bolsa de doutoramento da **Fundação para a Ciência e Tecnologia** (Bolsa nº SFRH/BD/19334/2004)
- Nov 2005 - Jan 2006 **Universidade de Oxford**. Oxford Evolutionary Biology Group. Department of Zoology.  
Bolsa de investigação **Marie-Curie GeneTime**.
- Abril 2009 Bolsa de Investigador Júnior para a conferência **HIV Dynamics and Evolution**, Oxford, UK.
- Mar 2005 Bolsa de Investigador Júnior para a conferência **3<sup>rd</sup> European Workshop HIV Drug Resistance Workshop** (Atenas).
- Jan 2003 - Nov 2004 Bolsa de investigação da **Associação Portuguesa para o Estudo Clínico da SIDA**.

### **Pós-graduações**

- Set 2003 - Jul 2004 **Faculdade De Ciências Da Universidade De Lisboa e Instituto Gulbenkian De Ciência, Portugal**.  
Programa de Pós-Graduação em Bioinformática FCUL-IGC. Especialista em Bioinformática.

Jan – Abr 2003 **Instituto De Higiene e Medicina Tropical, Universidade Nova de Lisboa, Lisboa, Portugal.**  
Pós-graduação em Microbiologia Médica.

### **Línguas estrangeiras**

Jun 2002 **Certificate of Proficiency in English** (Universidade of Cambridge).

Boa compreensão do Inglês e do Francês.

### **Sociedades**

Desde 2016 Ordem dos Médicos (cédula profissional nº 62843)

Desde 2015 Membro da European AIDS Clinical Society (EACS)

Desde 2011 Membro da European Society for Translational Antiviral Research (ESAR)

### **Ensino**

Mar 2017 Professora do **Curso Avançado em Bioinformática**. Mar 20-24 2017. UniCV. Praia, Cabo Verde.

Desde 2016 Responsável pela Unidade Curricular de Metodologias de Investigação em Saúde do Mestrado em Saúde e Desenvolvimento do IHMT.

2015-2016 Supervisão de um aluno de doutoramento da Universidade de São Paulo (Brasil)

Desde 2015 Co-orientadora de dois alunos do Doutoramento em Saúde Internacional do Instituto de Higiene Medicina Tropical.

Desde 2014 Responsável pela Unidade Curricular de Bioinformática do mestrado de Estatística Aplicada na Saúde da Universidade Nova de Lisboa (e-Learning).

Desde 2014 Responsável pela Unidade Curricular de Bioinformática do programa de doutoramento NOVA Doctor: Programme in Global Health.

Desde 2014 Supervisora de duas investigadoras de Pós-Doutoramento.

Desde 2013 **Participação em júris de tese de doutoramento:**

- 2017: Juan Angel Patiño Galindo, Doctorat em Biotecnologia, Universitat de Valencia, “Dynamic Evolutionary and Epidemiological Patterns of RNA Viruses”.

- 2016: Victor Figueiredo Pimentel, Doutorado em Ciências, Universidade de São Paulo, “Estudo da Diversidade Genética do HIV inter e intra-hospedeiro em pacientes sorosconvertidos recentes”.

- 2016: Jaroslaw Witold Surkont, Doutoramento em Biologia, Especialidade de Biologia Bioinformática: “Tracing protein evolutionary trajectory: Homology inference with specific molecular constraints”.

- 2013: Cheila Cristina Pereira Alves Rocha, Doutoramento em Farmácia, Ramo de Microbiologia: “Analysis of antibody neutralization specificities in Human Immunodeficiency Virus Type 2 infection”.

**Co-orientadora e/ou supervisora de alunos de Mestrado da KU Leuven (Bélgica):**

**Co-orientadora:**

- 2014: Ewout Vanden Eynden, ‘Master of Bioinformatics’, KU Leuven, “Development of a bioinformatics framework for detection of HIV-1 transmission. Application to the subtype C epidemic”.

- 2014: Abbas Jariani, ‘Master of Bioinformatics’, KULEuven, ‘Investigating HIV-1 Evolutionary Dynamics Using a Forward-in-Time Evolution Simulator: Selective Pressure, Mutation and Recombination’. KU Leuven 2014.

- 2011: Raf Winand, ‘Master of Bioinformatics’, KULEuven, “Development of a phylogenetic

framework for the detection of HIV-1 drug resistance transmission chains”

**Supervisora:**

- 2009: Yunpeng Wang, ‘Master of Bio-informatics’, KULeuven, “Comparative study of REG. HIVsubtyping Tool version 1 and version 2”
- 2006: Leonidas Salichos, ‘Master of Science in Bioinformatics’, KULeuven, “Classification of HIV-1 strains using the automated REGA HIV-1 Subtyping Tool V1.0 and further phylogenetic analysis”

Desde 2004 Professora em cursos de Bioinformática de programas de Mestrado e Doutoramento da **KU Leuven (Bélgica)**, do **Instituto de Higiene e Medicina Tropical/Universidade Nova de Lisboa** e da **Faculdade de Ciências da Universidade de Lisboa**.

Set 2005 - present **International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology**  
Professora.

Julho 2012 **Erasmus Mundus Master in Forensic Science**  
Professora de Análise Filogenética no módulo de Investigação Forense.

8-12 Set 2011 **Instituto Evandro Chagas. Belém, Pará, Brazil.**  
**International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology**  
Organizadora e Professora.

**Organização de encontros e conferências**

Agosto 2017 **22<sup>nd</sup> International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology**  
27 Aug-1 Set 2017, Universidade Nova de Lisboa, NOVA Campus - Campolide, Lisboa, Portugal

Abril 2017 **4<sup>o</sup> Congresso Nacional de Medicina Tropical**  
19-21 Abril 2015, Instituto de Higiene e Medicina Tropical, Lisboa, Portugal.

Julho 2015 **1<sup>st</sup> Global Health and Tropical Medicine Meeting on HIV Infection**  
10 de Julho 2015, Instituto de Higiene e Medicina Tropical, Lisboa, Portugal.

Abril 2015 **3<sup>o</sup> Congresso Nacional de Medicina Tropical**  
20-21 Abril 2015, Instituto de Higiene e Medicina Tropical, Lisboa, Portugal.

Set 2011 **Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology**  
8<sup>th</sup>-12<sup>th</sup> September. Instituto Evandro Chagas, Belém, Pará, Brazil.

Mai 2011 **VII Conferência Estatística e Qualidade na Saúde – EQS 2011.**  
19-20 Maio 2011. Lisbon, Portugal

Set 2007 **Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology**  
9<sup>th</sup>-14<sup>th</sup> September 2007. Instituto Nacional de Saude Dr. Ricardo Jorge (INSA), Lisbon, Portugal

**Apresentações orais por convite** 7 apresentações orais por convite.

Abr 2017 Ana B. Abecasis. **Molecular Epidemiology of HIV-1 in migrants in Portugal.** 4<sup>o</sup> Congresso Nacional de Medicina Tropical, 19-21 Abril 2015, Instituto de Higiene e Medicina Tropical, Lisboa, Portugal.

- Abr 2015 Ana B. Abecasis. **Phylogenetics of HIV-1 transmission**. Instituto de Medicina Molecular. Faculdade de Medicina da Universidade de Lisboa. 23 Abril, 2015. Lisbon, Portugal.
- Mar 2015 Ana B. Abecasis. **Epidemiology vs population genetics: lessons from the Slovenian HIV-1 epidemic**. Symposium on ‘Phylogenetic analyses on the dynamics of HIV epidemics’. Rega Institute for Medical Research – KU Leuven. Mar 24, 2015. Leuven, Belgium.
- Nov 2014 Ana B. Abecasis. **HIV-1: Dinâmica de transmissão de um vírus com elevada taxa de transmissão**. Jornadas Científicas NovaSaúde. NOVA University. 3 Novembro 2014. Lisbon, Portugal.
- Fev 2014 Ana B. Abecasis. **Evolução rápida do HIV-1 e suas implicações**. Residência Universitária dos Álamos. 26<sup>th</sup> February 2014. Lisbon, Portugal.
- Fev 2013 Ana B. Abecasis. **Diversidade genética do HIV-1 e suas implicações**. Tagus Park, Parque de Ciência e Tecnologia. 27<sup>th</sup> February 2013. Oeiras, Portugal.
- Mai 2011 Ana B. Abecasis. **Diversidade genética do HIV-1 - Detecção de cadeias de transmissão de HIV resistentes a antiretrovirais utilizando um método filogenético**. VII Conferência Estatística e Qualidade na Saúde – EQS 2011. 19-20 Maio 2011. Lisboa, Portugal.

#### Capítulos de livros

- 2015 **Abecasis AB** and Vandamme A-M. Origin and distribution of HIV-1 subtypes. In “Encyclopedia of AIDS (Thomas Hope, Douglas D. Richman and Mario Stevenson, eds.), ebooks Springer-Verlag Berlin Heidelberg, Germany, 2015, p1-16.
- Ago 2007 **Abecasis AB**, Vandamme A-V, Lemey P (2007). **Sequence alignment in HIV computational analysis** pp. 12-16 in HIV Sequence Compendium 2006/2007. Edited by: Leitner T, Foley B, Hahn B, Marx I, McCutchan F, Mellors J, Wolinsky S, Korber B. Published by: Theoretical Biology and Biophysics Group Los Alamos National Laboratory, Los Alamos.

**Publicações em revistas indexadas** 51 artigos publicados em revistas internacionais indexadas.

- Nov 2017 Romero-Severson EO, Bulla I, Hengartner N, Bártoło I, **Abecasis A**, Azevedo-Pereira JM, Taveira N, Leitner T. Donor-Recipient Identification in Para- and Polyphyletic Trees Under Alternative HIV-Transmission Hypotheses Using Approximate Bayesian Computation. *Genetics*. 2017 Nov;207(3):1085-1101.
- Out 2017 Paraschiv S, Banica L, Nicolae I, Niculescu I, Abagiu A, Jipa R, Pineda-Peña AC, Pingarilho M, Neaga I, 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 Oct 9;12(10):e0185866.
- Set 2017 Tavares AM, Fronteira I, Couto I, Machado D, Viveiros M, **Abecasis AB**, Dias S. HIV and tuberculosis co-infection among migrants in Europe: A systematic review on the prevalence, incidence and mortality. *PLoS One*. 2017 Sep 28;12(9):e0185526.
- Set 2017 Theys K, Libin P, Dallmeier K, Pineda-Peña A-C, Anne-Mieke Vandamme A-M, Cuypers L, **Abecasis AB**. Zika genomics in urgent need for standardized and curated reference sequences. *PLoS Pathog*. 2017 Sep 7;13(9)
- Mai 2017 Gama A, **Abecasis A**, Pingarilho M, Mendão L, Martins MO, Barros H, Dias S. Cruising Venues as Context for HIV Risky Behavior Among Men Who Have Sex With Men. *Arch Sex Behav*. 2017 Maio;46(4):1061-1068.
- Dez 2016 Pineda-Peña AC, Varanda J, Sousa JD, Theys K, Bártoło I, Leitner T, Taveira N, Vandamme AM

- Abecasis AB.** On the contribution of Angola to the initial spread of HIV-1. *Infect Genet Evol.* 2011 Dec;46:219-222.
- Maio 2016 Theys K, Van Laethem K, Gomes P, Baele G, Pineda-Peña AC, Vandamme AM, Camacho RJ, **Abecasis AB.** Sub-Epidemics Explain Localized High Prevalence of Reduced Susceptibility to Rilpivirine in Treatment-Naive HIV-1-Infected Patients: Subtype and Geographic Compartmentalization of Baseline Resistance Mutations. *AIDS Res Hum Retroviruses.* 2016 Maio;32(5):427-33.
- Mar 2016 Gama A, **Abecasis A,** Pingarilho M, Mendão L, Martins MO, Barros H, Dias S. Cruising Venues as Context for HIV Risky Behavior Among Men Who Have Sex With Men. *Arch Sex Behav.* 2016 Mar 17.
- Set 2015 Winand R, Theys K, Eusébio M, Aerts J, Camacho RJ, Gomes P, Suchard MA, Vandamme AM, **Abecasis AB;** Portuguese HIV-1 Resistance Study Group. Assessing transmissibility of HIV-1 drug resistance mutations from treated and from drug-naive individuals. *AIDS.* 2015 Sep 24;29(15):2045-52.
- Set 2015 Theys K, **Abecasis A,** Libin P, Gomes P, Cabanas J, Camacho RJ, Van Laethem K. Discordant prediction of residual activity could impact dolutegravir prescription upon raltegravir failure. *J Clin Virol.* 2015 Sep;70:120-7.
- Set 2015 Carapeta S, do Bem B, McGuinness J, Esteves A, **Abecasis A,** Lopes Â, de Matos AP, Piedade J, Almeida AP, Parreira R. Negevirus found in multiple species of mosquitoes from southern Portugal: Isolation, genetic diversity, and replication in insect cell culture. *Virology.* 2015 Sep;483:318-28.
- Fev 2015 **Abecasis AB,** Van Laethem K, Theys K. Lack of evidence for the selection of E138 mutations by first generation NNRTIs in patients infected with HIV-1 non-B subtypes: a comment on Crawford et al. *AIDS.* 2015 Maio 15;29(8):987-8. [IF 2013 = 6.56]
- Fev 2015 Lunar MM, Vandamme A-M, Tomazic J, Karner P, Vovko TD, Pecavar B, Volcansek G, Poljak M, **Abecasis AB.** Bridging epidemiology with population genetics in a low incidence MSM-driven HIV-1 subtype B epidemic in Central Europe. *BMC Infect Dis.* 2015 Fev 15;15(1):65. [IF 2013 = 2.56]
- Julho 2014 Frenz D, Van de Vijver DA, **Abecasis AB,** Albert J, Hamouda O, Jørgensen LB, Kücherer C, Struck I, Schmit JC, Vercauteren J, Asjö B, Balotta C, Beshkov D, Camacho RJ, Clotet B, Coughlan S, Griskevicius A, Grossman Z, Horban A, Kolupajeva T, Korn K, Kostrikis LG, Liitsola K, Linka M, Nielsen C, Otelea D, Paraskevis D, Paredes R, Poljak M, Puchhammer-Stöckl E, Sönnnerborg A, Stanekova D, Stanojevic M, Van Wijngaerden E, Wensing AM, Boucher CA; SPREAD Programme. Increase in transmitted resistance to non-nucleoside reverse transcriptase inhibitors among newly diagnosed HIV-1 infections in Europe. *BMC Infect Dis.* 2014 Jul 21;14:407. doi: 10.1186/1471-2334-14-407. [IF 2013 = 2.56]
- Abr 2014 Frenz D, van de Vijver D, **Abecasis A,** Albert J, Hamouda O, Jørgensen L, Kücherer C, Struck D, Schmit JC, Vercauteren J, Asjö B, Balotta C, Bergin C, Beshkov D, Camacho R, Clotet B, Griskevicius A, Grossman Z, Horban A, Kolupajeva T, Korn K, Kostrikis L, Linka KL, Nielsen C, Otelea D, Paraskevis D, Paredes R, Poljak M, Puchhammer-Stöckl E, Sönnnerborg A, Stanekova D, Stanojevic M, Vandamme AM, Boucher C, Programme AW. Patterns of Transmitted HIV Drug Resistance in Europe Vary by Risk Group. *PLoS One.* 2014 Apr 10;9(4):e94495. doi: 10.1371/journal.pone.0094495. [IF 2013 = 3.53]
- Mar 2014 Cavaco-Silva J, **Abecasis A,** Miranda AC, Poças J, Narciso J, Aguas MJ, Maltez F, Almeida I, Germano Diniz A, Gonçalves Mde F, Gomes P, Cunha C, Camacho RJ; Portuguese HIV-2 Resistance Study Group. HIV-2 Integrase Polymorphisms and Longitudinal Genotypic Analysis of HIV-2 Infected Patients Failing Raltegravir-Containing Regimen. *PLoS One.* 2014 Mar 28;9(3):e92747. doi: 10.1371/journal.pone.0092747. [IF 2013 = 3.53]
- Jan 2014 Foster GM, Ambrose JC, Hué S, Delpech VC, Fearnhill E, **Abecasis AB,** Leigh Brown AJ, Geretti AM. UK HIV Drug Resistance Database. Novel HIV-1 recombinants spreading across multiple risk groups in the United Kingdom: the identification and phylogeography of Circulating Recombinant Form (CRF\_50\_A1D). *PLoS One.* 2014 Jan 15;9(1):e83337. doi: 10.1371/journal.pone.0083337. [IF 2013 = 3.53]
- Nov 2013 Bartha I, Assel M, Sloom PM, Zazzi M, Torti C, Schülter E, Luca AD, Sönnnerborg A, **Abecasis AB,** Van Laethem K, Rosi A, Svärd J, Paredes R, van de Vijver DA, Vandamme AM, Müller V. Superinfection with drug-resistant HIV is rare and does not contribute substantially to therapy failure in a large European

cohort. *BMC Infect Dis*. 2013 Nov 12;13:537. doi: 10.1186/1471-2334-13-537. [IF 2013 = 2.56]

- Ago 2013 Soares P, Alves RJ, **Abecasis AB**, Penha-Gonçalves C, Gomes MG, Pereira-Leal JB. inTB - a data integration platform for molecular and clinical epidemiological analysis of tuberculosis. *BMJ Bioinformatics*. 2013 Aug 30;14(1):264. [Epub ahead of print] [IF 2013 = 2.67]
- Jul 2013 Ferreira DD, Cook S, Lopes A, de Matos AP, Esteves A, **Abecasis A**, de Almeida AP, Piedade J, Parreira R. Characterization of an insect-specific flavivirus (OCFV<sub>PT</sub>) co-isolated from *Ochlerotatus caspius* collected in southern Portugal along with a putative new Negev-like virus. *Virus Genes*. 2013 Jul 23. [Epub ahead of print] [IF 2013 = 1.84]
- Mai 2013 Pineda-Peña AC, Faria NR, Imbrechts S, Libin P, **Abecasis AB**, Deforche K, Gómez-López A, Camacho RJ, de Oliveira T, Vandamme AM. Automated subtyping of HIV-1 genetic sequences for clinical and surveillance purposes: Performance evaluation of the new REGA version 3 and seven other tools. *Infect Genet Evol*. 2013 Maio 7. [Epub ahead of print] [IF 2013 = 3.26]
- Mai 2013 **Abecasis AB**, Serrano M, Alves R, Quintais L, Pereira-Leal JB, Henriques AO. A genomic signature and the identification of new sporulation genes. *J Bacteriol*. 2013 Maio; 195(9):2101-15. Epub 2013 Feb 8. [IF 2013 = 2.69]
- Abril 2013 Frenz D, Wensing AM, Albert J, Paraskevis D, **Abecasis AB**, Hamouda O, Jørgensen LB, Kücherer C, Struck D, Schmit JC, Åsjö B, Balotta C, Beshkov D, Camacho RJ, Clotet B, Coughlan S, De Wit S, Griskevicius A, Grossman Z, Horban A, Kolupajeva T, Korn K, Kostrikis LG, Liitsola K, Linka M, Nielsen C, Otelea D, Paredes R, Poljak M, Puchhammer-Stöckl E, Sönnernborg A, Stanekova D, Stanojević M, Vandamme AM, Boucher CA, Van de Vijver DA; SPREAD Programme. Limited cross-border infections in patients newly diagnosed with HIV in Europe. *Retrovirology*. 2013 Apr 3;10:36. [IF 2013 = 4.77]
- Mar 2013 Theys K, **Abecasis AB**, Vandamme AM. HIV-1 drug resistance: where do polymorphisms fit in? *Future Microbiol*. 2013 Mar;8(3):303-6. [IF 2013 = 3.82]
- Fev 2013 Theys K, Vercauteren J, Snoeck J, Zazzi M, Camacho RJ, Torti C, Schülter E, Clotet B, Sönnernborg A, De Luca A, Grossman Z, Struck D, Vandamme A-M and **Abecasis AB**. HIV-1 subtype is an independent predictor of reverse transcriptase mutation K65R in HIV-1 patients treated with combination antiretroviral therapy including tenofovir. *Antimicrobial Agents and Chemotherapy*. 2013 Feb;57(2):1053-6. [IF 2013 = 4.45]
- Jan 2013 **Abecasis AB**, Wensing AMJ, Paraskevis D, Vercauteren J, Theys K, Van de Vijver DAMC, Albert J, Åsjö B, Balotta C, Beshkov D, Camacho RJ, Clotet B, De Gascun C, Griskevicius A, Grossman Z, Hamouda O, Horban A, Kolupajeva T, Korn K, Kostrikis LG, Kücherer C, Liitsola K, Linka M, Nielsen C, Otelea D, Paredes R, Poljak M, Puchhammer-Stöckl E, Schmit J-C, Sönnernborg A, Stanekova D, Stanojević M, Struck D, Boucher CAB and Vandamme A-M on behalf of the SPREAD Programme. HIV-1 subtype distribution and its demographic determinants suggest highly compartmentalized epidemic in newly diagnosed patients in Europe. *Retrovirology*. 2013 Jan 14;10:7. [IF 2012 = 4.77]
- Nov 2012 Nunes MR, Faria NR, Vasconcelos HB, Medeiros DB, de Lima CP, Carvalho VL, Pinto da Silva EV, Cardoso JF, Sousa Jr. EC, Barbosa Nunes KN, **Abecasis AB**, Suchard MA, Lemey P, Vasconcelos PF. Phylogeography of Dengue Virus Serotype 4, Brazil, 2010–2011. *Emerging Infectious Diseases*. 2012 Nov;18(11):1858-64. [IF 2012 = 5.99]
- Set 2012 Theys K, Snoeck J, Vercauteren J, **Abecasis AB**, Vandamme A-M and Camacho R on behalf of the Portuguese HIV-1 Resistance Study Group. Decreasing population selection rates of resistance mutation K65R over calendar year in HIV-1 combination therapy including tenofovir. *Journal of Antimicrobial Chemotherapy*. 2012 Sep 30. [Epub ahead of print]. [IF 2012 = 5.34]
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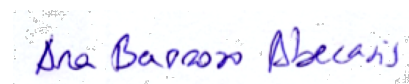
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