

CURRICULUM VITAE

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<https://novaresearch.unl.pt/en/persons/a-barroso-abecasis>

EDUCATION

Degree: MD; Year: 2014; Classification: 16.5 (in 20); University: Universidade Nova de Lisboa; Faculty: Medical Sciences; Scientific Field: Medicine; Number of years of the course: 6; Title: Masters in Medicine.

Degree: PhD; Year: 2009; Classification: NA; University: KU Leuven (Belgium); Thesis: The impact of genetic diversity on HIV-1 molecular epidemiology and antiviral drug resistance; Supervisor: Anne-Mieke Vandamme, Co-supervisor: Ricardo Camacho; Scientific Field: Medical Sciences.

Degree: PharmD; Year: 2002; Classification: 15.3; University: Universidade de Lisboa; Faculty: Faculty of Pharmacy; Scientific Field: Pharmaceutical Sciences, Number of years of the course: 6; Title: Degree in Pharmaceutical Sciences.

CURRENT POSITION

Siince May 2009: Assistant Professor at Institute of Hygiene and Tropical Medicine, Univ NOVA de Lisboa, Portugal.

SCIENTIFIC FIELDS

Virology, Microbiology, Global Health, Migration, Antiretroviral Drug Resistance, Bioinformatics, Evolution, Transmissible Diseases, Fast Evolving Viruses.

SELECTED AWARDS

Nominated for Activa Mulheres Inspiradoras Science (2022)

Dr. Ricardo Camacho Award (Associação Portuguesa para o Estudo Clínico da SIDA 2019)

Gilead Génese Award (2016 e 2017)

Medal L'Oreal Portugal FCT Unesco for Women in Science (2012).

EXPERIENCE AS SCIENTIFIC SUPERVISOR

Supervisor of 10 PhD students (ongoing), co-supervisor of 5 PhD students (2 finished, 3 ongoing), supervisor/co-supervisor of 16 masters students (11 finished, 5 ongoing), supervisor of post-doc researchers (2 ongoing, 2 finished), jury member of 9 PhD thesis.

RESEARCH PROJECTS

1 European Project as Principal Researcher in Portugal, 1 European Project as Workpackage Leader, 5 National Projects as Principal Researcher, 10 national and international projects as participant.

PUBLICATIONS

86 international publications; 2 book chapters, 11 oral presentations by invitation; 35 oral presentations in panels of national or international conferences; 73 poster presentations in national and international conferences.

OTHERS

Portuguese Medical Doctors Professional Order (professional license n° 62843). International Scientific Societies: European Society for Translational Antiviral Research, European AIDS Clinical Society, European Virus Bioinformatics Center. Reviewer of international journals: BMC Evolutionary Biology, BMC Infectious Diseases, Infections Genetics and Evolution, AIDS Research and Human Retroviruses, Plos.

PUBLICATIONS LIST

86 - O Martins MR, Shaaban AN, **Abecasis A**, Muggli Z, Amado R, Vaz D, Dias SS, Silva AC, Fronteira I. Are immigrants more vulnerable to the socioeconomic impact of COVID-19? A cross-sectional study in Amadora Municipality, Lisbon metropolitan area. *Front Public Health*. 2022 Aug 1;10:920308. doi: 10.3389/fpubh.2022.920308. PMID: 35979471; PMCID: PMC9376589.

85 - Hufsky F, **Abecasis A**, Agudelo-Romero P, Bletsa M, Brown K, Claus C, Deinhardt-Emmer S, Deng L, Friedel CC, Gismondi MI, Kostaki EG, Kühnert D, Kulkarni-Kale U, Metzner KJ, Meyer IM, Miozzi L, Nishimura L, Paraskevopoulou S, Pérez-Cataluña A, Rahlff J, Thomson E, Tumescheit C, van der Hoek L, Van Espen L, Vandamme AM, Zaheri M, Zuckerman N, Marz M. Women in the European Virus Bioinformatics Center. *Viruses*. 2022 Jul 12;14(7):1522. doi: 10.3390/v14071522. PMID: 35891501; PMCID: PMC9319252.

84 - Miranda MNS, Pingarilho M, Pimentel V, Torneri A, Seabra SG, Libin PJK, **Abecasis AB**. A Tale of Three Recent Pandemics: Influenza, HIV and SARS-CoV-2. *Front Microbiol*. 2022 Jun 2;13:889643. doi: 10.3389/fmicb.2022.889643. PMID: 35722303; PMCID: PMC9201468.

83 - Rhee SY, Boehm M, Tarasova O, Di Teodoro G, **Abecasis AB**, Sönnnerborg A, Bailey AJ, Kireev D, Zazzi M, The EuResist Network Study Group, Shafer RW. Spectrum of Atazanavir-Selected Protease Inhibitor-Resistance Mutations. *Pathogens*. 2022 May 5;11(5):546. doi: 10.3390/pathogens11050546. PMID: 35631067; PMCID: PMC9148044.

82 - Pingarilho M, Pimentel V, Miranda MNS, Silva AR, Diniz A, Ascensão BB, Piñeiro C, Koch C, Rodrigues C, Caldas C, Morais C, Faria D, da Silva EG, Teófilo E, Monteiro F, Roxo F, Maltez F, Rodrigues F, Gaião G, Ramos H, Costa I, Germano I, Simões J, Oliveira J, Ferreira J, Poças J, da Cunha JS, Soares J, Henriques J, Mansinho K, Pedro L, Aleixo MJ, Gonçalves MJ, Manata MJ, Mouro M, Serrado M, Caixeiro M, Marques N, Costa O, Pacheco P, Proença P, Rodrigues P, Pinho R, Tavares R, de Abreu RC, Côte-Real R, Serrão R, Castro RSE, Nunes S, Faria T, Baptista T, Martins MRO, Gomes P, Mendão L, Simões D, **Abecasis A**. HIV-1-Transmitted Drug Resistance and Transmission Clusters in Newly Diagnosed Patients in Portugal Between 2014 and 2019. *Front Microbiol*. 2022 Apr 25;13:823208. doi: 10.3389/fmicb.2022.823208. PMID: 35558119; PMCID: PMC9090520.

81 - Miranda MNS, Pingarilho M, Pimentel V, Martins MDRO, Kaiser R, Seguin-Devaux C, Paredes R, Zazzi M, Incardona F, Abecasis AB. Trends of Transmitted and Acquired Drug Resistance in Europe From 1981 to 2019: A Comparison Between the Populations of Late Presenters and Non-late Presenters. *Front Microbiol*. 2022 Apr 13;13:846943. doi: 10.3389/fmicb.2022.846943. PMID: 35495657; PMCID: PMC9044068.

80 - Seabra SG, Libin PJK, Theys K, Zhukova A, Potter BI, Nebenzahl-Guimaraes H, Gorbalenya AE, Sidorov IA, Pimentel V, Pingarilho M, de Vasconcelos ATR, Dellicour S, Khouri R, Gascuel O, Vandamme AM, Baele G, Cuypers L, Abecasis AB. Genome-wide diversity of Zika virus: Exploring spatio-temporal dynamics to guide a new nomenclature proposal. *Virus Evol*. 2022 Mar 29;8(1):veac029. doi: 10.1093/ve/veac029. PMID: 35478717; PMCID: PMC9035895.

79 - Chone JS, Abecasis AB, Varandas L. Determinants of Late HIV Presentation at Ndlavela Health Center in Mozambique. *Int J Environ Res Public Health*. 2022 Apr 11;19(8):4568. doi: 10.3390/ijerph19084568. PMID: 35457436; PMCID: PMC9031287.

78 - Morais P, Trovão NS, Abecasis AB, Parreira R. Insect-specific viruses in the Parvoviridae family: Genetic lineage characterization and spatiotemporal dynamics of the recently established *Brevihamaparvovirus* genus. *Virus Res*. 2022 May;313:198728. doi: 10.1016/j.virusres.2022.198728. Epub 2022 Mar 5. PMID: 35257793.

77 - Morais P, Trovão NS, Abecasis AB, Parreira R. Readdressing the genetic diversity and taxonomy of the Mesoniviridae family, as well as its relationships with other nidoviruses and putative mesonivirus-like viral sequences. *Virus Res*. 2022 May;313:198727. doi: 10.1016/j.virusres.2022.198727. Epub 2022 Mar 5. PMID: 35257792.

76 - Pimentel VF, Pingarilho M, Sole G, Alves D, Miranda M, Diogo I, Fernandes S, Pineda-Pena A, Martins MRO, Camacho R, Gomes P, **Abecasis AB**; Portuguese HIV-1 Resistance Study Group. Differential patterns of post-migration HIV-1 infection acquisition among Portuguese immigrants of different geographical origin. *AIDS*. 2022 Feb 25. doi: 10.1097/QAD.0000000000003203. Epub ahead of print. PMID: 35220350.

75 - Rossetti B, Fabbiani M, Di Carlo D, Incardona F, **Abecasis A**, Gomes P, Geretti AM, Seguin-Devaux C, Garcia F, Kaiser R, Modica S, Shallvari A, Sönnnerborg A, Zazzi M; EuResist Network, INTEGRATE study group. Effectiveness of integrase strand transfer inhibitors in HIV-infected treatment-experienced individuals across Europe. *HIV Med*. 2022 Feb 24. doi: 10.1111/hiv.13262. Epub ahead of print. PMID: 35199909.

74 - Miranda MNS, Pingarilho M, Pimentel V, Martins MDRO, Vandamme AM, Bobkova M, Böhm M, Seguin-Devaux C, Paredes R, Rubio R, Zazzi M, Incardona F, **Abecasis A**. Determinants of HIV-1 Late Presentation in Patients Followed in Europe. *Pathogens*. 2021 Jul 2;10(7):835. doi: 10.3390/pathogens10070835. PMID: 34357985; PMCID: PMC8308660.

73 - Morais P, Trovão NS, **Abecasis AB**, Parreira R. Genetic lineage characterization and spatiotemporal dynamics of classical insect-specific flaviviruses: outcomes and limitations. *Virus Res*. 2021 Oct 2;303:198507. doi: 10.1016/j.virusres.2021.198507. Epub 2021 Jul 13. PMID: 34271039.

72 - Rossetti B, Fabbiani M, Di Carlo D, Incardona F, **Abecasis A**, Gomes P, Geretti AM, Seguin-Devaux C, Garcia F, Kaiser R, Modica S, Shallvari A, Sönnnerborg A, Zazzi M; EuResist Network, INTEGRATE study group. Effectiveness of integrase strand transfer inhibitor-based regimens in HIV-infected treatment-naïve individuals: results from a European multi-cohort study. *J Antimicrob Chemother*. 2021 Aug 12;76(9):2394-2399. doi: 10.1093/jac/dkab200. PMID: 34212176.

71 - Miranda AC, Miranda M, Pingarilho M, Pimentel V, Torres J, Peres S, Baptista Alberto T, Gomes P, **Abecasis A**, Mansinho K. Determinants of HIV-1 Late Presentation in a Cohort of

Portuguese HIV-1 Patients. *AIDS Res Hum Retroviruses*. 2021 Feb 16. doi: 10.1089/AID.2020.0175. Epub ahead of print. PMID: 33461392.

70 - Pingarilho M, Pimentel V, Diogo I, Fernandes S, Miranda M, Pineda-Pena A, Libin P, Theys K, Martins MRO, Vandamme AM, Camacho R, Gomes P, **Abecasis A**. Increasing Prevalence of HIV-1 Transmitted Drug Resistance in Portugal: Implications for First Line Treatment Recommendations. *Viruses*. 2020 Oct 30;12(11):1238. doi: 10.3390/v12111238. PMID: 33143301; PMCID: PMC7693025.

69 - Tavares AM, Pingarilho M, Batista J, Viveiros M, Dias S, Toscano C, Gomes P, **Abecasis AB**. Short Communication: HIV and Tuberculosis Co-Infection Among Migrants in Portugal: A Brief Study on Their Sociodemographic, Clinical, and Genomic Characteristics. *AIDS Res Hum Retroviruses*. 2021 Jan;37(1):34-37. doi: 10.1089/AID.2020.0119. Epub 2020 Oct 19. PMID: 32962419.

68 - Mavian C, Pond SK, Marini S, Magalis BR, Vandamme AM, Dellicour S, Scarpino SV, Houldcroft C, Villabona-Arenas J, Paisie TK, Trovão NS, Boucher C, Zhang Y, Scheuermann RH, Gascuel O, Lam TT, Suchard MA, **Abecasis A**, Wilkinson E, de Oliveira T, Bento AI, Schmidt HA, Martin D, Hadfield J, Faria N, Grubaugh ND, Neher RA, Baele G, Lemey P, Stadler T, Albert J, Crandall KA, Leitner T, Stamatakis A, Prosperi M, Salemi M. Sampling bias and incorrect rooting make phylogenetic network tracing of SARS-COV-2 infections unreliable. *Proc Natl Acad Sci U S A*. 2020 May 7. pii: 202007295. doi: 10.1073/pnas.2007295117. [Epub ahead of print] No abstract available. PMID:32381734

67 - Pimentel V, Pingarilho M, Alves D, Diogo I, Fernandes S, Miranda M, Pineda-Pena AC, Libin P, Martins MRO, Vandamme AM, Camacho R, Gomes P, **Abecasis A**. Molecular Epidemiology of HIV-1 Infected Migrants Followed up in Portugal: Trends between 2001-2017. *Viruses*. 2020 Feb 28;12(3).

66 - Pineda-Peña AC, Pingarilho M, Li G, Vrancken B, Libin P, Gomes P, Camacho RJ, Theys K, **Barroso Abecasis A**; Portuguese HIV-1 Resistance Study Group. Drivers of HIV-1 transmission: The Portuguese case. *PLoS One*. 2019 Sep 30;14(9):e0218226.

65 - Theys K, Libin PJK, Van Laethem K, **Abecasis AB**. An Evolutionary Model-Based Approach To Quantify the Genetic Barrier to Drug Resistance in Fast-Evolving Viruses and Its Application to HIV-1 Subtypes and Integrase Inhibitors. *Antimicrob Agents Chemother*. 2019 Jul 25;63(8).

64 – Pimentel V, Afonso R, Nunes M, Vieira ML, Bravo-Barriga D, Frontera E, Martinez M, Pereira A, Maia C, Paiva-Cardoso MDN, Freitas FB, **Abecasis AB**, Parreira R. Geographic dispersal and genetic diversity of tick-borne phleboviruses (Phenuiviridae, Phlebovirus) as revealed by the analysis of L segment sequences. *Ticks Tick Borne Dis*. 2019 Jun;10(4):942-948.

63 – Salgueiro P, Serrano C, Gomes B, Alves J, Sousa CA, **Abecasis A**, Pinto J. Phylogeography and invasion history of *Aedes aegypti*, the Dengue and Zika mosquito vector in Cape Verde islands (West Africa). *Evol Appl*. 2019 Aug 3;12(9):1797-1811. doi: 10.1111/eva.12834.

62 - Araújo PMM, Carvalho A, Pingarilho M; BEST-HOPE study group, **Abecasis AB**, Osório NS. Characterization of a large cluster of HIV-1 A1 infections detected in Portugal and connected to several Western European countries. *Sci Rep*. 2019 May 10;9(1):7223. doi: 10.1038/s41598-019-43420-2.

61 - Fonseca V, Libin PJK, Theys K, Faria NR, Nunes MRT, Restovic MI, Freire M, Giovanetti M, Cuypers L, Nowé A, **Abecasis A**, Deforche K, Santiago GA, Siqueira IC, San EJ, Machado KCB, Azevedo V, Filippis AMB, Cunha RVD, Pybus OG, Vandamme AM, Alcantara LCJ, de Oliveira T. A computational method for the identification of Dengue, Zika and Chikungunya virus species and genotypes. *PLoS Negl Trop Dis*. 2019 May 8;13(5):e0007231.

60 – Vasylyeva TI, du Plessis L, Pineda-Peña AC, Kühnert D, Lemey P, Vandamme AM, Gomes P, Camacho RJ, Pybus OG, **Abecasis AB**, Faria NR. Tracing the Impact of Public Health Interventions on HIV-1 Transmission in Portugal Using Molecular Epidemiology. *J Infect Dis*. 2019 Jun 19;220(2):233-243.

59 - Tavares AM, Garcia AC, Gama A, **Abecasis AB**, Viveiros M, Dias S. Tuberculosis care for migrant patients in Portugal: a mixed methods study with primary healthcare providers. *BMC Health Serv Res*. 2019 Apr 18;19(1):233.

58 - Libin P, Deforche K, **Abecasis AB**, Theys K. VIRULIGN: fast codon-correct alignment and annotation of viral genomes. *Bioinformatics*. 2018 Oct 8. [IF 2018 =5.48]

57 - Ezeonwumelu I, Bártolo I, Martin F, **Abecasis A**, Campos T, Romero-Severson EO, Leitner T, Taveira N. Accidental Father-to-Son HIV-1 Transmission During the Seroconversion Period. *AIDS Res Hum Retroviruses*. 2018 Oct;34(10):857-862. [IF 2018 =1.94]

56 - Correia V, **Abecasis AB**, Rebelo-de-Andrade H. Molecular footprints of selective pressure in the neuraminidase gene of currently circulating human influenza subtypes and lineages. *Virology*. 2018 Sep;522:122-130. [IF 2018 =3.37]

55 - Grant JC, González-Beiras C, Amick KM, Fortney KR, Gangaiah D, Humphreys TL, Mitjà O, **Abecasis A**, Spinola SM. Multiple Class I and Class II *Haemophilus ducreyi* Strains Cause Cutaneous Ulcers in Children on an Endemic Island. *Clin Infect Dis*. 2018 Nov 13;67(11):1768-1774. [IF 2018 =9.12]

54 - 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. [IF 2018 =4.12]

53- Theys K, Libin P, Pineda-Peña AC, Nowé A, Vandamme AM, **Abecasis AB**. The impact of HIV-1 within-host evolution on transmission dynamics. *Curr Opin Virol*. 2018 Feb; 28:92-101. [IF 2018 =5.64]

52 - **Abecasis AB**, Pingarilho M, Vandamme AM. Phylogenetic analysis as a forensic tool in HIV transmission investigations. *AIDS*. 2018 Mar 13;32(5):543-554. [IF 2018 =4.91]

51 - Romero-Severson EO, Bulla I, Hengartner N, Bártolo I, **Abecasis A**, Azevedo-Pereira JM, Taveira N, Leitner T. Donor-Recipient Identification in Para- and Polyphyletic Trees Under Alternative HIV-1 Transmission Hypotheses Using Approximate Bayesian Computation. *Genetics*. 2017 Nov;207(3):1089-1101. [IF 2017 =4.08]

50 - 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 Oct 9;12(10):e0185866. [IF 2017 =2.77]

49 - 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. [IF 2017 =2.77]

48 - 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). [IF 2017 =6.16]

47 - Gama A, **Abecasis A**, Pingarilho M, Mendão L, Martins MO, Barros H, Dias S. Cruising Venues as a Context for HIV Risky Behavior Among Men Who Have Sex With Men. *Arch Sex Behav*. 2017 Maio;46(4):1061-1068. [IF 2017 =3.22]

46 - Pineda-Peña AC, Varanda J, Sousa JD, Theys K, Bártolo I, Leitner T, Taveira N, Vandamme AM, **Abecasis AB**. On the contribution of Angola to the initial spread of HIV-1. *Infect Genet Evol*. 2016 Dec;46:219-222. [IF 2016 =2.89]

45 - 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. [IF 2016 =2.10]

44 - 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. [IF 2015 =4.41]

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Portugal: Isolation, genetic diversity, and replication in insect cell culture. *Virology*. 2015 Sep;483:318-28. [IF 2015 =3.2]

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40 - 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 Feb 15;15(1):65. [IF 2015 = 2.69]

39 - Frenzt D, Van de Vijver DA, **Abecasis AB**, Albert J, Hamouda O, Jørgensen LB, Kücherer C, Struck D, 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, Sønnerborg 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 2014 = 2.62]

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37 - Cavaco-Silva J, **Abecasis A**, Miranda AC, Poças J, Narciso J, Aguas MJ, Maltez F, Almeida I, Germano I, 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 a Raltegravir-Containing Regimen. *PLoS One*. 2014 Mar 28;9(3):e92747. doi: 10.1371/journal.pone.0092747. [IF 2014 = 3.23]

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- 34 - 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. *BMC Bioinformatics*. 2013 Aug 30;14(1):264. [IF 2013 = 2.67]
- 33 - 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_{PT}) co-isolated from *Ochlerotatus caspius* collected in southern Portugal along with a putative new Negev-like virus. *Virus Genes*. 2013 Jul 23. [IF 2013 = 1.84]
- 32 - 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. [IF 2013 = 3.26]
- 31 - **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 Fev 8. [IF 2013 = 2.69]
- 30 - 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, Stanojevic 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]
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Lisbon, 11th October 2022,



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