



Curriculum Vitae

Pedro Vitor Lemos Cravo

Pedro Cravo holds a Bachelor's degree in Biotechnological Engineering, a Master's degree in Molecular and Biochemical Parasitology and a Ph.d. in Genetics, obtained in 2001. Since then, his career has been mostly devoted to understanding the molecular mechanisms of resistance to antimalarial drugs, using genome-wide genetics combined with new concepts and technologies of genomics and bioinformatics. In this area, Pedro Cravo published several landmark papers reporting the de novo discovery of several mutations linked to drug resistance in malaria parasites, using the rodent malaria model *Plasmodium chabaudi*. He is currently an Assistant Professor at the Instituto de Higiene e Medicina Tropical (Universidade Nova de Lisboa), Portugal, where he follows his studies on the mechanisms of drug resistance in malaria. More recently, he started applying genomics and bioinformatics tools towards the discovery of new antimalarial drugs through a strategy known as “drug repositioning” as well as for generating effective vaccines against human malaria parasites.

Identification

Personal identification

Full name

Pedro Vitor Lemos Cravo

Gender

Male

Birth date

1970/08/08

Citation names

Cravo, Pedro

Cravo, Pedro Vitor Lemos

Author identifiers

Ciência ID

DF15-8F85-8B9C

ORCID iD

0000-0003-1675-4504

Google Scholar ID

<http://scholar.google.com.br/citations?user=6VR4d9EAAAAJ&hl=pt-BR>

Researcher Id

G-3532-2012

Email addresses

pcravo@ihmt.unl.pt (Professional)

pedrovcravo@gmail.com (Professional)

Telephones

Telephone

213652600 Ext.: 303 (Professional)

Addresses

GHTM/Instituto de Higiene e Medicina Tropical, Rua da Junqueira, n. 100, 1349-008 Lisbon, Lisbon, Portugal (Professional)

Websites

<https://www.instagram.com/pedrovcravo/> (Personal)

Knowledge fields

Medical and Health Sciences - Health Sciences - Tropical Medicine

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese (Mother tongue)					
English	Proficiency (C2)	Proficiency (C2)	Proficiency (C2)	Proficiency (C2)	Proficiency (C2)
Spanish; Castilian	Upper intermediate (B2)	Upper intermediate (B2)	Elementary (A2)	Upper intermediate (B2)	Beginner (A1)

Education

	Degree	Classification
1996/10/01 - 2001/07/31 Concluded	Genetics (Doctor of Philosophy)	
	The University of Edinburgh, United Kingdom	
	<i>"The genetics of resistance to quinoline-containing antimalarials in Plasmodium chabaudi"</i> (THESIS/DISSERTATION)	
1993/10/01 - 1994/11/01 Concluded	Molecular and Biochemical Parasitology (Master)	
	University of Salford, United Kingdom	
1989/10/01 - 1992/12/01 Concluded	Biotechnologia (Bacharelato)	
	Universidade Lusófona de Humanidades e Tecnologias, Portugal	

Affiliation

Science

2001/12/01 - 2003/02/01 Postdoc (Research)
Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

2001/02/01 - 2001/11/01 Postdoc (Research)
The University of Edinburgh, United Kingdom

Teaching in Higher Education

2017/03/01 - Current Assistant Professor (University Teacher)
Universidade Nova de Lisboa Saúde Global e Medicina Tropical, Portugal

2011/01/03 - 2016/10/01 Assistant Professor (University Teacher)
Universidade Federal de Goiás Instituto de Patologia Tropical e Saúde Pública, Brazil

2003/03/01 - 2010/12/31 Assistant Professor (University Teacher)
Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal

Projects

Grant

	Designation	Funders
2018/06/06 - Current	Desenvolvimento de Novas Ferramentas para Busca e Validação de Alvos Moleculares para Terapia e Profilaxia contra Plasmodium vivax NA Researcher Universidade Estadual de Campinas Departamento de Genética Evolução e Bioagentes, Brazil	Fundação de Amparo à Pesquisa do Estado de São Paulo, Brazil
2018/10/01 - 2021/09/30	Identification of new antimalarial treatments through a target-centred “drug repositioning” approach PTDC/SAU-PAR/28459/2017 Principal investigator Universidade Nova de Lisboa Saúde Global e Medicina Tropical, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2015/01/03 - 2018/01/02	Identificação de novos fármacos antimaláricos através de estratégia de quimiogenômica por reposicionamento e validação experimental NA Principal investigator Universidade Federal de Goiás Instituto de Patologia Tropical e Saúde Pública, Brazil	Conselho Nacional de Desenvolvimento Científico e Tecnológico, Brazil
2007/10/01 - 2010/09/29	EARLY DETECTION OF THE BIOLOGICAL AND GENETIC DETERMINANTS OF RESISTANCE TO ARTEMISININ-BASED COMBINATION THERAPY IN MALARIA PARASITES info:eu-repo/grantAgreement/FCT/SFRH/SFRH2%FBD2%F315182%F2006/PT	Fundação para a Ciência e a Tecnologia, Portugal

Principal investigator

Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical,
Portugal

2005/10/01 - 2008/10/01	Applications of transfection technology for drug screening and immunological studies in tropical parasitic diseases NA Invited Scientist Fellow Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	Organisation mondiale de la Santé, Switzerland
2005/10/01 - 2008/05/05	Identification of genes influencing artemisinin and chloroquine resistance in malaria parasites by Linkage Group Selection NA Researcher The University of Edinburgh, United Kingdom	Medical Research Council, United Kingdom
2003/06/01 - 2006/05/31	Development of a malaria resistance DNA chip as a public health tool for the management of Plasmodium falciparum malaria drug resistance NA Principal investigator Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	Community Research and Development Information Programme, Luxembourg
2002/10/01 - 2005/09/29	STUDIES ON THE GENETICS OF DRUG RESISTANCE IN MALARIA info:eu-repo/grantAgreement/FCT/SFRH/SFRH2%FBPD2%F55682%F2001/PT Principal investigator Universidade Nova de Lisboa Instituto de Higiene e Medicina Tropical, Portugal	Fundação para a Ciência e a Tecnologia, Portugal

Outputs

Publications

- Journal article 1 Francesca Guaracyaba Garcia Chapadense; Machado, Ricardo Luiz Dantas; Ventura, Ana Maria Revorêdo Da Silva; André Luiz Lisboa Areas; Renato Beilner Machado; Viana, Giselle Maria Rachid; Mariano Gustavo Zalis; Ana Maria Castro; Pedro Cravo. 2019. "Plasmodium falciparum malarial parasites from Brazil lack artemisinin resistance-associated mutations in the kelch13 gene". *Revista Da Sociedade Brasileira De Medicina Tropical* Vol. 52: e20180225-e20180229. <https://novaresearch.unl.pt/en/publications/3ec7c308-000f-4b7f-b8c6-2e67c4a5083a>.

10.1590/0037-8682-0225-2018

- 2 Cravo P; Machado RB; Leite JA; Leda T; Suwanarusk R; Bittencourt N; Albrecht L; et al. 2018. "In silico epitope mapping and experimental evaluation of the Merozoite Adhesive Erythrocytic Binding Protein (MAEBL) as a malaria vaccine candidate.". *Malaria journal*. <http://europepmc.org/abstract/med/29316918>.
10.1186/s12936-017-2144-x
- 3 Gomes, Andrea C.S.M.; Dos Santos, Samuel R.; Ribeiro, Maycon Carvalho; Pedro Cravo; Vieira, José Daniel Gonçalves José Daniel Gonçalves; De Souza, Keili M.C.; Amaral, André Corrêa. 2018. "Is there still room to explore cyclodextrin glycosyltransferase-producers in Brazilian biodiversity?". *Anais da Academia Brasileira de Ciências* Vol. 90 (n.º 2): p. 1473-1480. <https://novaresearch.unl.pt/en/publications/09fc209e-1a82-4b74-8b85-a2eb316e8ff0>.
10.1590/0001-3765201820170670
- 4 Lima, Marilia N. N.; Melo-Filho, Cleber C.; Cassiano, Gustavo C.; Neves, Bruno J.; Alves, Vinicius M.; Braga, Rodolpho C.; Cravo, Pedro V. L.; et al. 2018. "QSAR-Driven Design and Discovery of Novel Compounds With Antiplasmodial and Transmission Blocking Activities". *Frontiers in Pharmacology* 9. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000426694400001&KeyUID=WOS:000426694400001.
10.3389/fphar.2018.00146
- 5 Custodio, Jean M. F.; Micheline, Lidiane J.; de Castro, Mirian Rita C.; Vaz, Wesley F.; Neves, Bruno J.; Cravo, Pedro V. L.; Barreto, Francisco S.; et al. 2018. "Structural insights into a novel anticancer sulfonamide chalcone". *New Journal of Chemistry* 42 (5): 3426-3434. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000426488900030&KeyUID=WOS:000426488900030.
10.1039/c7nj03523c
- 6 Andrade, Carolina Horta; Neves, Bruno Junior; Melo-Filho, Cleber Camilo; Rodrigues, Juliana; Silva, Diego Cabral; Braga, Rodolpho Campos; Cravo, Pedro Vitor Lemos. 2018. "In Silico Chemogenomics Drug Repositioning Strategies for Neglected Tropical Diseases.". *Current medicinal chemistry*. <http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=MEDLINE&KeyUT=MEDLINE:29521204&KeyUID=MEDLINE:29521204>.
10.2174/0929867325666180309114824
- 7 Brasil P; Zalis MG; de Pina-Costa A; Siqueira AM; Júnior CB; Silva S; Areas ALL; et al. 2017. "Outbreak of human malaria caused by Plasmodium simium in the Atlantic Forest in Rio de Janeiro: a molecular epidemiological investigation.". *The Lancet. Global health*. <http://europepmc.org/abstract/med/28867401>.
10.1016/S2214-109X(17)30333-9
- 8 Gomes MN; Muratov EN; Pereira M; Peixoto JC; Rosseto LP; Cravo PVL; Andrade CH; Neves BJ. 2017. "Chalcone Derivatives: Promising Starting Points for Drug Design.". *Molecules (Basel, Switzerland)*. <http://europepmc.org/abstract/med/28757583>.
10.3390/molecules22081210
- 9 Campos DMB; Barbosa AP; Oliveira JA; Tavares GG; Cravo PVL; Ostermayer AL. 2017. "Human lagochilascariasis-A rare helminthic disease.". *PLoS neglected tropical diseases*. <http://europepmc.org/abstract/med/28640884>.
10.1371/journal.pntd.0005510

- 10 Carvalho, Paulo S Jr; Custodio, Jean M F; Vaz, Wesley F; Cirilo, Cassio C; Cidade, Amanda F; Aquino, Gilberto L B; Campos, Dulcinea M B; et al. 2017. "Conformation analysis of a novel fluorinated chalcone". *Journal of molecular modeling* 23 (3): 97-97.
<http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=MEDLINE&KeyUT=MEDLINE:28251413&KeyUID=MEDLINE:28251413>.
- 10.1007/s00894-017-3245-8
- 11 Neves, Bruno Junior; Muratov, Eugene; Machado, Renato Beilner; Andrade, Carolina Horta; Cravo, Pedro Vitor Lemos. 2016. "Modern approaches to accelerate discovery of new antischistosomal drugs". *Expert Opinion on Drug Discovery* 11 (6): 557-567.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000375839100004&KeyUID=WOS:000375839100004.
- 10.1080/17460441.2016.1178230
- 12 Silva, Lourival A.; Vinaud, Marina C.; Castro, Ana Maria; Cravo, Pedro Vitor L.; Bezerra, Jose Clecildo B.. 2015. "In Silico Search of Energy Metabolism Inhibitors for Alternative Leishmaniasis Treatments". *Biomed Research International*.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000352895600001&KeyUID=WOS:000352895600001.
- 10.1155/2015/965725
- 13 Neves, Bruno J.; Andrade, Carolina H.; Cravo, Pedro V. L.. 2015. "Natural Products as Leads in Schistosome Drug Discovery". *Molecules* 20 (2): 1872-1903.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000350748200007&KeyUID=WOS:000350748200007.
- 10.3390/molecules20021872
- 14 Garcia Chapadense, Francesca Guaracyaba; Kamp Fernandes, Everton Kort; Pereira Lima, Jose Bento; Martins, Ademir Jesus; Silva, Luana Carrara; do Rocha, Welington Tristao; dos Santos, Adelair Helena; Cravo, Pedro. 2015. "Phenotypic and genotypic profile of pyrethroid resistance in populations of the mosquito *Aedes aegypti* from Goiania, Central West Brazil". *Revista da Sociedade Brasileira de Medicina Tropical* 48 (5): 607-609.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000364431200017&KeyUID=WOS:000364431200017.
- 10.1590/0037-8682-0046-2015
- 15 Cravo, Pedro; Napolitano, Hamilton; Culleton, Richard. 2015. "How genomics is contributing to the fight against artemisinin-resistant malaria parasites". *Acta Tropica* 148: 1-7.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000358468400001&KeyUID=WOS:000358468400001.
- 10.1016/j.actatropica.2015.04.007
- 16 Neves, Bruno J.; Braga, Rodolpho C.; Bezerra, Jose C. B.; Cravo, Pedro V. L.; Andrade, Carolina H.. 2015. "In Silico Repositioning-Chemogenomics Strategy Identifies New Drugs with Potential Activity against Multiple Life Stages of *Schistosoma mansoni*". *Plos Neglected Tropical Diseases* 9 (1).
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000358468400001&KeyUID=WOS:000358468400001.

DestApp=WOS_CPL&KeyUT=WOS:000349318100035&KeyUID=WOS:000349318100035.

10.1371/journal.pntd.0003435

- 17 Gonçalves, Lígia Antunes; Cravo, Pedro; Ferreira, Marcelo Urbano. 2014. "Emerging Plasmodium vivax resistance to chloroquine in South America: an overview". *Memórias do Instituto Oswaldo Cruz* 109 (5): 534-539.

<http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=SCIELO&KeyUT=SCIELO:S0074-02762014000500534&KeyUID=SCIELO:S0074-02762014000500534>.

10.1590/0074-0276130579

- 18 Rodrigues, Louise; Henriques, Gisela; Cravo, Pedro. 2013. "MDR1-associated resistance to artesunate plus mefloquine does not impair blood-stage parasite fitness in a rodent malaria model". *Infection Genetics and Evolution* 14: 340-346.

http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000316841800042&KeyUID=WOS:000316841800042.

10.1016/j.meegid.2012.12.011

- 19 Bispo, Nadlla Alves; Culleton, Richard; Silva, Lourival Almeida; Cravo, Pedro. 2013. "A Systematic In Silico Search for Target Similarity Identifies Several Approved Drugs with Potential Activity against the Plasmodium falciparum Apicoplast". *Plos One* 8 (3).

http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000317418500032&KeyUID=WOS:000317418500032.

10.1371/journal.pone.0059288

- 20 Pohlit, Adrian Martin; Souza Lima, Renata Braga; Frausin, Gina; Rocha e Silva, Luiz Francisco; Pinto Lopes, Stefanie Costa; Moraes, Carolina Borsoi; Cravo, Pedro; et al. 2013. "Amazonian Plant Natural Products: Perspectives for Discovery of New Antimalarial Drug Leads". *Molecules* 18 (8): 9219-9240.

http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000330304100034&KeyUID=WOS:000330304100034.

10.3390/molecules18089219

- 21 Henriques, Gisela; Martinelli, Axel; Rodrigues, Louise; Modrzynska, Katarzyna; Fawcett, Richard; Houston, Douglas R.; Borges, Sofia T.; et al. 2013. "Artemisinin resistance in rodent malaria - mutation in the AP2 adaptor mu-chain suggests involvement of endocytosis and membrane protein trafficking". *Malaria Journal* 12.

http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000318978200001&KeyUID=WOS:000318978200001.

10.1186/1475-2875-12-118

- 22 Fernandez-Martinez, Amalia; Mula, Patricia; Cravo, Pedro; Charle, Pilar; Amor, Aranzazu; Ncogo, Policarpo; Benito, Agustin; Berzosa, Pedro. 2013. "Characterization of the Plasmodium falciparum Sarcoplasmic/Endoplasmic Reticulum Ca²⁺-ATPase Gene in Samples from Equatorial Guinea before Implementation of Artemisinin-Based Combination Therapy". *American Journal of Tropical Medicine and Hygiene* 88 (1): 43-47.

http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000313757500009&KeyUID=WOS:000313757500009.

10.4269/ajtmh.2012.12-0364

- 23 Modrzynska, Katarzyna Kinga; Creasey, Alison; Loewe, Laurence; Cezard, Timothee; Borges, Sofia Trindade; Martinelli, Axel; Rodrigues, Louise; et al. 2012. "Quantitative genome re-sequencing defines multiple mutations conferring chloroquine resistance in rodent malaria". *Bmc Genomics* 13.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000304567200001&KeyUID=WOS:000304567200001.

10.1186/1471-2164-13-106

- 24 Culleton, Richard; Coban, Cevayir; Zeyrek, Fadile Yildiz; Cravo, Pedro; Kaneko, Akira; Randrianarivelosia, Milijaona; Andrianaranjaka, Voahangy; et al. 2011. "The Origins of African Plasmodium vivax; Insights from Mitochondrial Genome Sequencing". *Plos One* 6 (12).
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000298369100160&KeyUID=WOS:000298369100160.

10.1371/journal.pone.0029137

- 25 Martinelli, Axel; Henriques, Gisela; Cravo, Pedro; Hunt, Paul. 2011. "Whole genome re-sequencing identifies a mutation in an ABC transporter (mdr2) in a Plasmodium chabaudi clone with altered susceptibility to antifolate drugs". *International Journal For Parasitology* 41 (2): 165-171.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000287464600004&KeyUID=WOS:000287464600004.

10.1016/j.ijpara.2010.08.008

- 26 Borges, Sofia; Cravo, Pedro; Creasey, Alison; Fawcett, Richard; Modrzynska, Katarzyna; Rodrigues, Louise; Martinelli, Axel; Hunt, Paul. 2011. "Genomewide Scan Reveals Amplification of mdr1 as a Common Denominator of Resistance to Mefloquine, Lumefantrine, and Artemisinin in Plasmodium chabaudi Malaria Parasites". *Antimicrobial Agents and Chemotherapy* 55 (10): 4858-4865.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000294952600049&KeyUID=WOS:000294952600049.

10.1128/AAC.01748-10

- 27 Fernandez-Martinez, A.; Mula, P.; Cravo, P.; Charle, P.; Benito, A.; Berzosa, P.. 2011. "Mapping of mutations in the Plasmodium falciparum sarcoplasmic/endoplasmic reticulum Ca²⁺-atpase (pfATP6) gene in samples from equatorial guinea (Central Africa) unexposed to artemisinin-based combination therapy". *Tropical Medicine & International Health* 16: 113-114.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000295519100322&KeyUID=WOS:000295519100322.

- 28 R Jambou; A Martinelli; Pinto J.; S, Gribaldo; E, Legrand; M, Niang; N Kim; et al. 2010. "Geographic Structuring of the Plasmodium falciparum Sarco(endo)plasmic Reticulum Ca²⁺ATPase (PfSERCA) Gene Diversity". *PLoS ONE* 5 (2): e9424-e9424.
<https://novaresearch.unl.pt/en/publications/d959e527-c33b-4b1d-863c-a1a2874a82e6>.

- 29 A Almeida; Virgilio Estólio do Rosário; Arez, Ana Paula; Pedro Cravo. 2010. "Malaria epidemiology in the Democratic Republic of East Timor.". *ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE* 3 (4): 283-287. <https://novaresearch.unl.pt/en/publications/920e6bf9-5570-4376-8cd4-108408e8044e>.
- 30 Arez, Ana Paula; Virgilio Estólio do Rosário; Pedro Cravo. 2010. "Plasmodium vivax in the Democratic Republic of East Timor: Parasite prevalence and antifolate resistance-associated mutations.". *Acta Tropica* 115 (3): 288-292. <https://novaresearch.unl.pt/en/publications/8ae4f5aa-cdb8-41a5-b0d2-d212f941a349>.
- 31 Rodrigues, Louise A.; Henriques, Gisela; Borges, Sofia T.; Hunt, Paul; Sanchez, Cecilia P.; Martinelli, Axel; Cravo, Pedro. 2010. "Experimental Evolution of Resistance to Artemisinin Combination Therapy Results in Amplification of the *mdr1* Gene in a Rodent Malaria Parasite". *Plos One* 5 (7).
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000279924500004&KeyUID=WOS:000279924500004.
- 10.1371/journal.pone.0011593
- 32 Hunt, Paul; Martinelli, Axel; Modrzynska, Katarzyna; Borges, Sofia; Creasey, Alison; Rodrigues, Louise; Beraldi, Dario; et al. 2010. "Experimental evolution, genetic analysis and genome re-sequencing reveal the mutation conferring artemisinin resistance in an isogenic lineage of malaria parasites". *Bmc Genomics* 11.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000282791300003&KeyUID=WOS:000282791300003.
- 10.1186/1471-2164-11-499
- 33 Jambou, Ronan; Martinelli, Axel; Pinto, Joao; Gribaldo, Simonetta; Legrand, Eric; Niang, Makhtar; Kim, Nimol; et al. 2010. "Geographic Structuring of the Plasmodium falciparum Sarco(endo)plasmic Reticulum Ca²⁺ATPase (PfSERCA) Gene Diversity". *Plos One* 5 (2).
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000274924300012&KeyUID=WOS:000274924300012.
- 10.1371/journal.pone.0009424
- 34 de Almeida, Afonso; do Rosario, Virgilio E.; Arez, Ana Paula; Cravo, Pedro. 2010. "Malaria epidemiology in the Democratic Republic of East Timor". *Asian Pacific Journal of Tropical Medicine* 3 (4): 283-283.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000282853300009&KeyUID=WOS:000282853300009.
- 35 de Almeida, Afonso; do Rosario, Virgilio E.; Henriques, Gisela; Arez, Ana Paula; Cravo, Pedro. 2010. "Plasmodium vivax in the Democratic Republic of East Timor: Parasite prevalence and antifolate resistance-associated mutations". *Acta Tropica* 115 (3): 288-292.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000282853300009&KeyUID=WOS:000282853300009.

DestApp=WOS_CPL&KeyUT=WOS:000279509000018&KeyUID=WOS:000279509000018.

10.1016/j.actatropica.2010.04.008

- 36 Salgueiro, Patricia; Vicente, Jose L.; Ferreira, Conceicao; Teofilo, Vania; Galvao, Andre; do Rosario, Virgilio E.; Cravo, Pedro; Pinto, Joao. 2010. "Tracing the origins and signatures of selection of antifolate resistance in island populations of *Plasmodium falciparum*". *Bmc Infectious Diseases* 10.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000279897400002&KeyUID=WOS:000279897400002.

10.1186/1471-2334-10-163

- 37 Arez, Ana Paula; Virgilio Estólio do Rosário; Pedro Cravo; Almeida APG. 2009. "Analysis of genetic mutations associated with anti-malarial drug resistance in *Plasmodium falciparum* from the Democratic Republic of East Timor". *Malaria Journal* 8 (NA): 59-59.
<https://novaresearch.unl.pt/en/publications/b42f973f-a010-4af5-a82b-adcf40657d3a>.

- 38 de Almeida, Afonso; Arez, Ana Paula; Cravo, Pedro V. L.; do Rosario, Virgilio E.. 2009. "Analysis of genetic mutations associated with anti-malarial drug resistance in *Plasmodium falciparum* from the Democratic Republic of East Timor". *Malaria Journal* 8.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000266325800002&KeyUID=WOS:000266325800002.

10.1186/1475-2875-8-59

- 39 Restrepo-Pineda, E.; Arango, E.; Maestre, A.; Do Rosario, V. E.; Cravo, P.. 2008. "Studies on antimalarial drug susceptibility in Colombia, in relation to Pfmdr1 and Pfert". *Parasitology* 135 (5): 547-553.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:00025612500001&KeyUID=WOS:000256125000001.

10.1017/S0031182008004307

- 40 Martinelli, A.; Moreira, R.; Cravo, P. V. L.. 2008. "Malaria combination therapies: Advantages and shortcomings". *Mini-Reviews in Medicinal Chemistry* 8 (3): 201-212.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:00025412600002&KeyUID=WOS:000254126000002.

10.2174/138955708783744092

- 41 Martinelli, Axel; Rodrigues, Louise A.; Cravo, Pedro. 2008. "Plasmodium chabaudi: Efficacy of artemisinin plus curcumin combination treatment on a clone selected for artemisinin resistance in mice". *Experimental Parasitology* 119 (2): 304-307.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000256607700018&KeyUID=WOS:000256607700018.

10.1016/j.exppara.2008.02.011

- 42 Ferreira, Isabel D.; Martinelli, Axel; Rodrigues, Louise A.; do Carmo, Ediclei L.; do Rosario, Virgilio E.; Pova, Marinete M.; Cravo, Pedro. 2008. "Plasmodium falciparum from Para state (Brazil) shows satisfactory in vitro response to artemisinin derivatives and absence of the S769N mutation in the SERCA-type PfATPase6". *Tropical Medicine & International Health* 13 (2): 199-207. [http:](http://)

[//gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000254484900009&KeyUID=WOS:000254484900009](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000254484900009&KeyUID=WOS:000254484900009).

10.1111/j.1365-3156.2007.01991.x

- 43 Franke-Fayard, B.; Djokovic, D.; Dooren, M. W.; Ramesar, J.; Waters, A. P.; Falade, M. O.; Kranendonk, M.; et al. 2008. "Simple and sensitive antimalarial drug screening in vitro and in vivo using transgenic luciferase expressing Plasmodium berghei parasites". *International Journal For Parasitology* 38 (14): 1651-1662.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000261561700004&KeyUID=WOS:000261561700004.

10.1016/j.ijpara.2008.05.012

- 44 Janeira, F.; Vicente, L.; Kanganje, Y.; Moreno, M.; Do Rosario, V. E.; Cravo, P.; Pinto, J.. 2008. "A primer-introduced restriction analysis-polymerase chain reaction method to detect knockdown resistance mutations in *Anopheles gambiae*". *Journal of Medical Entomology* 45 (2): 237-241.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000253555700008&KeyUID=WOS:000253555700008.

10.1603/0022-2585(2008)45[237:APRACR]2.0.CO;2

- 45 Abrantes, Marta; Mill-Homens, Tania; Duarte, Noelia; Lopes, Dinora; Cravo, Pedro; Madureira, Maria do Ceu; Ferreira, Maria-Jose U.. 2008. "Antiplasmodial Activity of Lignans and Extracts from *Pycnanthus angolensis*". *Planta Medica* 74 (11): 1408-1412.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000260174300016&KeyUID=WOS:000260174300016.

10.1055/s-2008-1081317

- 46 Culleton, Richard L.; Mita, Toshihiro; Ndounga, Mathieu; Unger, Holger; Cravo, Pedro V. L.; Paganotti, Giacomo M.; Takahashi, Nobuyuki; et al. 2008. "Failure to detect Plasmodium vivax in West and Central Africa by PCR species typing". *Malaria Journal* 7.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000259431900001&KeyUID=WOS:000259431900001.

10.1186/1475-2875-7-174

- 47 Ferreira, Isabel D.; Lopes, Dinora; Martinelli, Axel; Ferreira, Conceicao; do Rosario, Virgilio E.; Cravo, Pedro. 2007. "In vitro assessment of artesunate, artemether and amodiaquine susceptibility and molecular analysis of putative resistance-associated mutations of Plasmodium falciparum from Sao Tome and Principe". *Tropical Medicine & International Health* 12 (3): 353-362.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000244341500006&KeyUID=WOS:000244341500006.

10.1111/j.1365-3156.2006.01789.x

- 48 Rodrigues, L. A.; Ferreira, I. D.; Martinelli, A.; Nascimento, J. M. S.; do Carmo, E. L.; do Rosario, V. E.; Pova, M. M.; Cravo, P.. 2007. "Plasmodium falciparum from Para State (Brazil) shows adequate in vitro response to artemisinin derivatives and absence of the S769N mutation in the serca-type pfATPase6". *Tropical Medicine & International Health* 12: 219-220.
<http://gateway.webofknowledge.com/gateway/Gateway.cgi?>

GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000255954500630&KeyUID=WOS:000255954500630.

- 49 Pedro Fernandes, Natercia Emilia; Cravo, Pedro; do Rosario, Virgilio E.. 2007. "Sulfadoxine-pyrimethamine resistance in Maputo, Mozambique: presence of mutations in the dhfr and dhps genes of Plasmodium falciparum". *Revista Da Sociedade Brasileira De Medicina Tropical* 40 (4): 447-450.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000249209400015&KeyUID=WOS:000249209400015.
- 50 Cheesman, Sandra; Creasey, Alison; Degnan, Kathryn; Kooij, Taco; Afonso, Ana; Cravo, Pedro; Carter, Richard; Hunt, Paul. 2007. "Validation of Pyrosequencing (TM) for accurate and high throughput estimation of allele frequencies in malaria parasites". *Molecular and Biochemical Parasitology* 152 (2): 213-219.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000245318900011&KeyUID=WOS:000245318900011.
- 10.1016/j.molbiopara.2006.12.008
- 51 Fernandes, Natercia; Figueiredo, Paula; do Rosario, Virgilio E.; Cravo, Pedro. 2007. "Analysis of sulphadoxine/pyrimethamine resistance-conferring mutations of Plasmodium falciparum from Mozambique reveals the absence of the dihydrofolate reductase 164L mutant". *Malaria Journal* 6.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000245990900001&KeyUID=WOS:000245990900001.
- 10.1186/1475-2875-6-35
- 52 Hunt, Paul; Afonso, Ana; Creasey, Alison; Culleton, Richard; Sidhu, Amar Bir Singh; Logan, John; Vaiderramos, Stephanie G.; et al. 2007. "Gene encoding a deubiquitinating enzyme is mutated in artesunate- and chloroquine-resistant rodent malaria parasites". *Molecular Microbiology* 65 (1): 27-40.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000247871600004&KeyUID=WOS:000247871600004.
- 10.1111/j.1365-2958.2007.05753.x
- 53 Vicente, J. L.; Salgueiro, P.; Arez, A. P.; Cravo, P. V. L.; Ferreira, C.; Rosario, V. E.; Pinto, J.. 2007. "Genetic characterisation of plasmodium falciparum populations in Sao Tome and Principe Islands, West Africa". *Tropical Medicine & International Health* 12: 78-78.
http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000255954500226&KeyUID=WOS:000255954500226.
- 54 Fernandes NE; Cravo P; do Rosário VE. 2007. "[Sulfadoxine-pyrimethamine resistance in Maputo, Mozambique: presence of mutations in the dhfr and dhps genes of Plasmodium falciparum]". *Revista da Sociedade Brasileira de Medicina Tropical*.
<http://europepmc.org/abstract/med/17876469>.
- 10.1590/s0037-86822007000400015

- 55 Alves, J; Roque, AL; Cravo, P; Valdez, T; Jelinek, T; do Rosario, VE; Arez, AP. 2006. "Epidemiological characterization of Plasmodium falciparum in the Republic of Cabo Verde: implications for potential large-scale re-emergence of malaria". *Malaria Journal* 5. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000238268700001&KeyUID=WOS:000238268700001.
- 10.1186/1475-2875-5-32
- 56 Afonso, A; Hunt, P; Cheesman, S; Alves, AC; Cunha, CV; do Rosario, V; Cravo, P. 2006. "Malaria parasites can develop stable resistance to artemisinin but lack mutations in candidate genes atp6 (Encoding the sarcoplasmic and endoplasmic reticulum Ca²⁺ ATPase), tctp, mdr1, and cg10". *Antimicrobial Agents and Chemotherapy* 50 (2): 480-489. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000235294200011&KeyUID=WOS:000235294200011.
- 10.1128/AAC.50.2.480-489.2006
- 57 Hunt, P.; Afonso, A.; Culleton, R.; Creasey, A.; Fidock, D.; Carter, R.; do Rosario, V.; Cravo, P.; Medimond. 2006. "Molecular and genetic analysis of malaria parasites resistant to artemisinin". *ICOPA XI: Proceedings of the 11th International Congress of Parasitology*: 425-428. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000243529300073&KeyUID=WOS:000243529300073.
- 58 Ferreira, ID; do Rosario, VE; Cravo, PVL. 2006. "Real-time quantitative PCR with SYBR Green I detection for estimating copy numbers of nine drug resistance candidate genes in Plasmodium falciparum". *Malaria Journal* 5. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000235255400001&KeyUID=WOS:000235255400001.
- 10.1186/1475-2875-5-1
- 59 Martinelli, A; Hunt, P; Fawcett, R; Cravo, PVL; Walliker, D; Carter, R. 2005. "An AFLP-based genetic linkage map of Plasmodium chabaudi chabaudi". *Malaria Journal* 4. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000227950700001&KeyUID=WOS:000227950700001.
- 10.1186/1475-2875-4-11
- 60 van Harten, S; Borges, S; Cravo, P; Cardoso, LA. 2005. "Contribution to the metabolic adaptation to food restriction in rabbits (preliminary results)". *Journal of Biotechnology* 118: S159-S160. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000231195200554&KeyUID=WOS:000231195200554.
- 61 Ferreira ID; Nogueira F; Borges ST; do Rosário VE; Cravo P. 2004. "Is the expression of genes encoding enzymes of glutathione (GSH) metabolism involved in chloroquine resistance in Plasmodium chabaudi parasites?". *Molecular and biochemical parasitology*. <http://europemc.org/abstract/med/15138066>.

10.1016/j.molbiopara.2004.02.008

- 62 Paul Hunt; Pedro Cravo; Paul Donleavy; Jane M-R Carlton; David Walliker. 2004. "Chloroquine resistance in *Plasmodium chabaudi*". *Molecular And Biochemical Parasitology* 133 (1): 27-35. <https://novaresearch.unl.pt/en/publications/1861af8e-20c7-44bc-af90-605b85214c93>.
- 63 Ferreira, ID; Nogueira, F; Borges, ST; do Rosario, VE; Cravo, P. 2004. "Is the expression of genes encoding enzymes of glutathione (GSH) metabolism involved in chloroquine resistance in *Plasmodium chabaudi* parasites?". *Molecular and Biochemical Parasitology* 136 (1): 43-50. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000221779100005&KeyUID=WOS:000221779100005.

10.1016/S0166-6851(04)00059-3

- 64 Hunt, P; Cravo, PVL; Donleavy, P; Carlton, JMR; Walliker, D. 2004. "Chloroquine resistance in *Plasmodium chabaudi*: are chloroquine-resistance transporter (crt) and multi-drug resistance (mdr1) orthologues involved?". *Molecular and Biochemical Parasitology* 133 (1): 27-35. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000187807000003&KeyUID=WOS:000187807000003.

10.1016/j.molbiopara.2003.08.010

- 65 Cravo, P; Figueiredo, S; Nogueira, F; Lopes, D; Ferreira, ID; Ferreira, C; Gil, JP. 2004. "High frequency of the genetic polymorphisms associated with sulfadoxine-pyrimethamine resistance, among *Plasmodium falciparum* isolates from Sao Tome and Principe, West Africa". *Annals of Tropical Medicine and Parasitology* 98 (3): 293-296. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000221387800009&KeyUID=WOS:000221387800009.

10.1179/000349804225003262

- 66 Pedro Cravo; Jane M-R Carlton; Paul Hunt; Laura Bisoni; Rose Ann Padua; David Walliker. 2003. "Genetics of mefloquine resistance in the rodent malaria parasite *Plasmodium chabaudi*". *Antimicrobial Agents and Chemotherapy -Journal-* 47 (2): 709-18. <https://novaresearch.unl.pt/en/publications/11f99c82-ca0e-4e2f-a65a-a22a9b702f7f>.

- 67 Gil, JP; Nogueira, F; Stromberg-Norklit, J; Lindberg, J; Carrolo, M; Casimiro, C; Lopes, D; et al. 2003. "Detection of atovaquone and Malarone (TM) resistance conferring mutations in *Plasmodium falciparum* cytochrome b gene (cytb)". *Molecular and Cellular Probes* 17 (2-3): 85-89. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000183657600005&KeyUID=WOS:000183657600005.

10.1016/S0890-8508(03)00006-9

- 68 Cravo, PVL; Carlton, JMR; Hunt, P; Bisoni, L; Padua, RA; Walliker, D. 2003. "Genetics of mefloquine resistance in the rodent malaria parasite *Plasmodium chabaudi*". *Antimicrobial Agents and Chemotherapy* 47 (2): 709-718. <http://gateway.webofknowledge.com/gateway/Gateway.cgi?>

GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000180646800040&KeyUID=WOS:000180646800040.

10.1128/AAC.47.2.709-718.2003

- 69 Dinora Lopes; Kanchana Rungsihirunrat; f nogueira; Aree Seugorn; José Pedro Gil; Virgilio E do Rosário; Pedro Cravo. 2002. "Molecular characterisation of drug-resistant *Plasmodium falciparum* from Thailand". *Malaria Journal* 1: 12-12. <https://novaresearch.unl.pt/en/publications/e880044e-ddb4-4764-b202-bb9098a46af2>.

- 70 Lopes, D; Nogueira, F; Gil, JP; Ferreira, C; do Rosario, VE; Cravo, P. 2002. "pfcrt and pfmdr1 mutations and chloroquine resistance in *Plasmodium falciparum* from Sao Tome and Principe, West Africa". *Annals of Tropical Medicine and Parasitology* 96 (8): 831-834. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000180745500010&KeyUID=WOS:000180745500010.

10.1179/000349802125002284

- 71 Ribeiro, O; Nogueira, F; Cravo, P; Gil, JP; do Rosario, V; Ribeiro, V. 2002. "Role of drug metabolizing enzymes in antimalarial drug resistance". *Drug Metabolism Reviews* 34: 74-74. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000178927200148&KeyUID=WOS:000178927200148.

- 72 Cravo, P; Culleton, R; Hunt, P; Walliker, D; Mackinnon, MJ. 2001. "Antimalarial drugs clear resistant parasites from partially immune hosts". *Antimicrobial Agents and Chemotherapy* 45 (10): 2897-2901. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000171154500035&KeyUID=WOS:000171154500035.

10.1128/AAC.45.10.2897-2901.2001

- 73 Carlton, JMR; Hayton, M; Cravo, PVL; Walliker, D. 2001. "Of mice and malaria mutants: unravelling the genetics of drug resistance using rodent malaria models". *Trends in Parasitology* 17 (5): 236-242. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000169934200010&KeyUID=WOS:000169934200010.

10.1016/S1471-4922(01)01899-2

- 74 Thaitong, S; Ranford-Cartwright, LC; Siripoon, N; Harnyuttanakorn, P; Kanchanakhan, NS; Seugorn, A; Rungsihirunrat, K; Cravo, PVL; Beale, GH. 2001. "Plasmodium falciparum: Gene mutations and amplification of dihydrofolate reductase genes in parasites grown in vitro in presence of pyrimethamine". *Experimental Parasitology* 98 (2): 59-70. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000170149200001&KeyUID=WOS:000170149200001.

10.1006/expr.2001.4618

- 75 Portela, MJ; Moreira, R; Valente, E; Constantino, L; Iley, J; Pinto, J; Rosa, R; Cravo, P; do Rosario, VE. 1999. "Dipeptide derivatives of primaquine as transmission-blocking antimalarials: Effect of aliphatic side-chain acylation on the gametocytocidal activity and on the formation of carboxyprimaquine in rat liver homogenates". *Pharmaceutical Research* 16 (6): 949-955. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000080989200026&KeyUID=WOS:000080989200026.

10.1023/A:1018922425551

Distinctions

Award

2005 Young Researcher Award
European Society of Clinical Microbiology and Infectious Diseases, Switzerland
