

Andrea Crisanti CV

Data di nascita 14 settembre 1954

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Formazione scientifica e professionale

1973-79	Corso di studi in Medicina presso l'università di Roma "La Sapienza" facoltà di medicina;
1979	Laurea in Medicina e Chirurgia 110/110 e laude, medi esami 29,98 (primo del corso);
1980-81	Medico interno presso Policlinico Gemelli, Università Cattolica;
1982	Corso di formazione e specializzazione in biotecnologie ex legge 225 (CNR);
1983-86	Studente di dottorato presso il "Basel Institute for Immunology" Basilea;

Carriera professionale e accademica

1981-82	Ufficiale Medico presso Carabinieri paracadutisti Toscana;
1987-89	Ricercatore presso il Centro di Biologia Molecolare dell'Università di Heidelberg; Vincitore di una borsa di studio EMBO presso il Centro di Biologia Molecolare dell'Università di Heidelberg;
1990-94	Tecnico laureato e assistente medico presso l'Istituto di Parassitologia Policlinico Umberto I, Università di Roma "La Sapienza";
1994-97	Ricercatore presso il Dipartimento di Biologia, Imperial College London;
1997-99	Lettore di Parassitologia Molecolare presso il Dipartimento Scienze della vita Imperial College London;
2000 -01	Professore di Parassitologia Molecolare presso il Dipartimento Scienze della vita Imperial College London;
2001-06	Professore associato di Microbiologia MED07, Facoltà di Medicina Università di Perugia;
2001 ad oggi	Professore aggiunto (visiting) di Parassitologia Molecolare presso il Dipartimento Scienze della vita Imperial College London;
2007-ad oggi	Professore ordinario di Microbiologia MED07, Facoltà di Medicina Università di Perugia;

Esperienze di Gestione aziendale nazionale e internazionale

1998	<i>Fondatore e direttore scientifico della società Biogeny Plc quotata alla borsa di Londra;</i>
2003	<i>Fondatore e direttore scientifico della "spin off" di Imperial College MtM Microtest azienda specializzata nella produzione di saggi diagnostici miniaturizzati ad alta densità;</i>
2009-11	<i>Presidente del Consiglio di Amministrazione dell'Istituto Scientifico e Tecnologico ISRIM Terni;</i>
2011-ad oggi	<i>Amministratore delegato del Polo scienze della vita GGB SCARL, Perugia: Società no-profit nata con l'obiettivo di favorire il trasferimento tecnologico dall'università alle industrie nel campo della genetica e genomica;</i>

Esperienze di Gestione Progetti Scientifici nazionali e internazionali

2004-09	<i>Coordinatore del Progetto di Collaborazione Nazionale FIRB "Sviluppo di un saggio diagnostico micro-array";</i>
2007-ad oggi	<i>Direttore dell'unità di genetica molecolare del progetto di Collaborazione Internazionale "Mosquito genetic drive for vector control" Grand Challenge, Bill and Melinda Gates- Foundation of NIH;</i>
2009-12	<i>Coordinatore del progetto di collaborazione internazionale FLUARRAY EU-Health;</i>
2009-13	<i>Coordinatore del progetto di collaborazione internazionale FIGHTMAL EU-People;</i>
2011-ad oggi	<i>Direttore del Centro di Genomica dell'Università di Perugia;</i>
2011 ad oggi	<i>Direttore Scientifico della rivista internazionale "Pathogen and Global Health";</i>
2010-14	<i>Coordinatore del progetto di collaborazione internazionale INFRAVEC. EU Infrastructure;</i>
2012-ad oggi	<i>Direttore scientifico del progetto di mobilità dei ricercatori I-MOVE. EU-PEOPLE;</i>

Raccolta di finanziamenti per lo sviluppo di attività industriali

Biogeny	£ 5.000.000 Raccolti attraverso una collocazione di azioni alla borsa di Londra;
MtM	£ 6.000.000 Raccolti attraverso una sottoscrizione di azioni presso soggetti privati e fondi di investimento;
Polo GGB	€ 4.000.000 Finanziati dalla Regione Umbria e da aziende private;

Raccolta di finanziamenti per la ricerca

Progetto FIRB	€ 3.500.000 Ministero della Ricerca
Vector Control	USD 50.000.000 Grand Challenge- Bill and Melinda Gates Foundation and Foundation of NIH
FLUARRAY	€ 3.000.000 Commissione Europea Programma Health
FIGHTMAL	€ 2.500.000 Commissione Europea Programma PEOPLE
Centro Genomica I_MOVE	€ 1.500.000 Ministero della Sanita'; € 1.500.000 Regione Umbria
	€ 4.500.000 Cofinanziamento regione Umbria Commissione Europea Programma PEOPLE

TOTALE ultimi 7 anni € 65.000.000

Pubblicazioni

Pubblicati circa 100 articoli scientifici su giornali di grande impatto scientifico incluso Nature (5), Science (3) EMBO Journal (8) PNAS (3) Cell (1) (Lista acclusa) H index of 45 per un totale di circa 7000 citazioni.

Brevetti di invenzione industriale

Partecipato come inventore alla stesura di 18 brevetti nazionali ed internazionali (lista acclusa) alcuni dei quali costituiscono parte integrante di invenzioni industriali presenti sul mercato della diagnosi clinica.

Lista pubblicazioni e citazioni

- 1 Sultan, A.A., Thathy, V., Frevert, U., Robson, K.J.H., Crisanti, A., Nussenzweig, V., Nussenzweig, R., Ménard, R.: "TRAP is necessary for gliding motility and infectivity of *Plasmodium berghei*". Cell (1997) 90, 511-522. Cited by 438
- 2 Catteruccia F, Nolan T, Blass C, Muller HM, Kafatos FC, Loukeris TG., Crisanti A.: Stable germ line transformation of the malaria mosquito *Anopheles stephensi*. Nature (2000) 405, 959-62. Cited by 353
- 3 Mezzasoma, L., Bacarese-Hamilton, T., Di Cristina, M., Rossi, R., Bistoni, F., Crisanti, A. Antigen microarrays for serodiagnosis of infectious diseases. Clin Chem. (2002) 48, 121-30. Cited by 223
- 4 Spano, F., Putignani, L., McLauchlin, J., Casemore, D., Crisanti, A.: "PCR-RFLP analysis of the *Cryptosporidium* oocyst wall protein (COWP) gene discriminates between *C. wrairi* and *C. parvum*, and between *C. parvum* isolates of human and animal origin". FEMS Microbiology Letters (1997) 150: 209-217. Cited by 210
- 5 Alphey L, Beard CB, Billingsley P, Coetzee M, Crisanti A, Curtis C, Eggleston P, Godfray C, Hemingway J, Jacobs-Lorena M, James AA, Kafatos FC, Mukwaya LG, Paton M, Powell JR, Schneider W, Scott TW, Sina B, Sinden R, Sinkins S, Spielman A, Toure Y, Collins FH. Malaria control with genetically manipulated insect vectors. SCIENCE, (2002) 298, 119-121; Cited by 204
- 6 Dessen, J. T., Beetsma, A. L., Dimopoulos, G., Wengelnik, K., Crisanti, A., Kafatos, F. C., and Sinden, R. E.: CTRP is essential for mosquito infection by malaria ookinetes. EMBO J. (1999) 18, 5195-504. Cited by 177
- 7 Screpanti, I., Morrone, S., Meco, D., Santoni, A., Gulino, A., Paolini, R., Crisanti, A., Mathienson, B. and Frati, L.: "Steroid sensitivity of thymocytes sub populations during intrathymic differentiation" J. of Immunol. 142, (1989), 3378-3383. Cited 162
- 8 Catteruccia, F., H. C. J. Godfray and Crisanti A. Impact of Genetic Manipulation on the Fitness of *Anopheles stephensi* Mosquitoes. Science 2003, 299, 1225-7. Cited by 155
- 9 Müller, H-M., Reckmann, I., Hollingdale, M.R., Cowan, G., Bujard, H., Robson, K., Crisanti, A.: "Thrombospondin related anonymous protein (TRAP) of *Plasmodium falciparum* binds specifically to sulphated glycoconjugates and to HepG2 hepatoma cells suggesting a role for this molecule in sporozoite invasion of hepatocytes" EMBO J. 12, (1993), 2881-1889. Cited by 149
- 10 Moreira, L.A., Ito, J., Ghosh, A., Devenport, M., Zieler, H., Abraham, E.G., Crisanti, A., Nolan, T., Catteruccia, F., Jacobs-Lorena M. Bee venom phospholipase inhibits malaria parasite development in transgenic mosquitoes. J Biol Chem. (2002) 277, 40839-43; Cited by 148
- 11 Müller, H-M., Crampton, J.M., Della Torre, A., Sinden, R. and Crisanti, A.: "Members of a trypsin gene family in *Anopheles gambiae* are induced in the gut by blood meal" EMBO J. 12, (1993) 2891-2900. Cited by 148



- 12 Spano, F., Putignani, L., Crisanti, A., Sallicandro, P., Morgan, U.M., Le Blancq, S.M., Tchack, L., Tzipori, S., Widmer, G.: Multilocus genotypic analysis of *Cryptosporidium parvum* isolates from different hosts and geographical origins. J. Clin. Microbiol. (1998) 36, 3255-9. **Cited 123**
- 13 Robson, K., Frevert, U., Reckmann, I., Cowan, G., Beier, J., Scragg, I.G., Takehara, K., Bishop, D.H.L., Pradel, G., Sinden, R., Saccheo, S., Müller, H.M., Crisanti, A. "Thrombospondin related anonymous protein (TRAP) of *Plasmodium falciparum*: expression during sporozoite ontogeny and binding to human hepatocytes" EMBO J. 14, (1995), 101-112. **Cited by 119**
- 14 Spano, F., Putignani, L., Naitza, S., Puri, C., Wright, S. Crisanti A.: Molecular cloning and expression analysis of a *Cryptosporidium parvum* gene encoding a new member of the thrombospondin family. Mol. Biochem. Parasitol. (1998) 147-162. **Cited by 109**
- 15 F. Catteruccia, J P Benton, A Crisanti: An *Anopheles* transgenic sexing strain for vector control. Nature Biotechnology (2005) 23, 1414 - 1417 **Cited by 108**
- 16 Opitz, C, Di Cristina, M., Reiss, M., Ruppert, T., Crisanti, A., Soldati, D. Intramembrane cleavage of microneme proteins at the surface of the apicomplexan parasite *Toxoplasma gondii*. EMBO J. (2002) 21, 1577-85. **Cited by 105**
- 17 Wengelink, K., Spaccapelo, R., Naitza, S., Robson, K. J., Janse, C. J., Bistoni, F., Waters, A. P., and Crisanti, A.: The A-domain and the thrombospondin-related motif of *Plasmodium falciparum* TRAP are implicated in the invasion process of mosquito salivary glands. EMBO J (1999). 18, 6221-6227. **Cited by 105**
- 18 von Boehmer, H., Crisanti, A., Kisielow, P., Haas, W.: "Absence of growth by most receptor-expressing foetal thymocytes in the presence of interleukin-2" Nature (1985) 314,539-540. **Cited by 95**
- 19 Müller, H.M., Catteruccia, F., Vizioli, J., Della Torre, A., Crisanti, A. "Genetic and biochemical characterization of the constitutive and blood meal-induced trypsins of *Anopheles gambiae*" Exp. Parasitology 81, (1995) 371-385. **Cited by 84**
- 20 Spano, F., Putignani, L., Guida, S., Crisanti, A.: *Cryptosporidium parvum*: PCR-RFLP analysis of the TRAP-C1 gene between two alleles differentially associated with parasite isolates of human and animal origin. Exp. Parasitol (1998) 90, 195-198. **Cited by 83**
- 21 Di Cristina, M., Spaccapelo, R., Soldati, D., Bistoni, F. Crisanti, A. : Two conserved amino acid motifs mediate protein targeting to the micronemes of the apicomplexan parasite *Toxoplasma gondii*. Mol. Cell. Biol. (2000) 20, 7332-41. **Cited by 80**
- 22 Früh, K., Doumbo, O., Müller, H.M., Koita, O., McBride, J., Crisanti, A., Tourè, Y. and Bujard, H. "Human antibody response to the major merozoite surface antigen of *Plasmodium falciparum* is strain specific and short lived" Infection and Immunity 59, (1991), 1487-1493. **Cited by 78**
- 23 Nolan, T., Bower, T.M., Brown, A.E., Crisanti, A., Catteruccia, F. piggyBac-mediated germline transformation of the malaria mosquito *Anopheles stephensi* using the red fluorescent protein dsRED as a selectable marker. J Biol Chem. (2002) 277, 8759-62 **Cited by 74**

- 24 Gray JC, Corran PH, Mangia E, Gaunt MW, Li Q, Tetteh KK, Polley SD, Conway DJ, Holder AA, Bacarese-Hamilton T, Riley EM, Crisanti A. Profiling the antibody immune response against blood stage malaria vaccine candidates. *Clin Chem*. 2007 Jul;53(7):1244-53. Epub 2007 May 17. Cited by 71
- 25 J Schneider, Jan AM Langermans, S C Gilbert, T J Blanchard, Stephen Twigg, S Naitza, C M Hannan, M Aidoo, A Crisanti, K J Robson, G L Smith, A VS Hill, A W Thomas: a prime boost immunization induces strong cellular immune responses against the *Plasmodium falciparum* TRAP antigen in chimpanzees. *Vaccine* 19, 4595-4602, 2001 Cited by 71
- 26 Robson. K., Hall, J.R.S., Ceri Davies, L., Crisanti, A., Hill, A.V.S., Wellems, T.E. "Polymorphism of the TRAP gene of *Plasmodium falciparum*" Proc. of the Royal Society. 242, (1990). 205-216. Cited by 69
- 27 Bacarese-Hamilton T, Bistoni F, Crisanti A. Protein microarrays: from serodiagnosis to whole proteome scale analysis of the immune response against pathogenic microorganisms. *Biotechniques*. 2002, 24-9; Cited by 66
- 28 Windbichler N, Menichelli M, Papathanos PA, Thyme SB, Li H, Ulge UY, Hovde BT, Baker D, Monnat RJ Jr, Burt A, Crisanti A. A synthetic homing endonuclease-based gene drive system in the human malaria mosquito. *Nature*. 2011 May 12;473(7346):212-5. Epub 2011 Apr 20. Cited by 67
- 29 Crisanti, A., Müller, H-M., Hilbich, C., Sinigaglia, F., Matile, H., McKay, M., Scaife, J., Beyreuther, K., Bujard, H.: "Epitopes recognized by human T cells map within the conserved part of the GP 190 of *Plasmodium falciparum*" Science 240, (1988), 1324-1326. Cited by 66
- 30 Bacarese-Hamilton T, Mezzasoma L, Ardizzoni A, Bistoni F, Crisanti A. Serodiagnosis of infectious diseases with antigen microarrays. J. Appl. Microbiol. (2004) 96, 10-7. Cited by 66
- 31 Bacarese-Hamilton, T., Mezzasoma, L., Ingham, C., Ardizzoni, A., Rossi, R., Bistoni, F., Crisanti, A. Detection of allergen-specific IgE on microarrays by use of signal amplification techniques. *Clin Chem*. (2002) 48, 1367-70. Cited by 64
- 32 Naitza, S., Spano, F., Robson, K.J.H., Crisanti, A.: The thrombospondin related protein family of apicomplexan parasites: The gears of the cell invasion machinery. Parasitology Today (1998) 14, 479-484. Cited by 64
- 33 Tewari R., Spaccapelo R., Bistoni F., Holder A.A., Crisanti A. Function of region I and II adhesive motifs of *Plasmodium falciparum* circumsporozoite protein in sporozoite motility and infectivity. *J Biol Chem*. (2002) 277, 47613-8; Cited by 64
- 34 Catteruccia F, Nolan T, Blass C, Muller HM, Crisanti A, Kafatos FC, Loukeris TG. Toward *Anopheles* transformation: Minos element activity in anopheline cells and embryos. *PNAS* (2000) 97, 2157-62. Cited by 61
- 35 Ranucci, L., Müller, H-M., La Rosa, G., Reckmann, I., Gomez Morales, M.A., Spano, F., Pozio, E., Crisanti, A.: "Characterization and Immunolocalization of a *Cryptosporidium* protein containing a repeated amino acid motifs" Infect. Immun. 61, (1993), 2347-2356. Cited by 60

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- 37 Dottorini T, Nicolaides L, Ranson H, Rogers DW, Crisanti A, Catteruccia F. A genome-wide analysis in *Anopheles gambiae* mosquitoes reveals 46 male accessory gland genes, possible modulators of female behaviour. *PNAS*. 2007 Oct 9;104(41):16215-20. Cited by 59
- 38 Rammensee, H-G., Robinson, P.J., Crisanti, A. and Bevan, M.: "Restricted recognition of I-E2 microglobulin by cytotoxic T lymphocytes" *Nature* 319, (1986). 502-504. Cited by 57
- 39 Brown AE, Bugeon L, Crisanti A, Catteruccia F. Stable and heritable gene silencing in the malaria vector *Anopheles stephensi*. *Nucleic Acids Res*. 2003;1;31(15):e85 Cited by 55
- 40 Müller, H.M., Früh, K., von Brunn, A., Esposito, F., Lombardi, S., Crisanti, A. and Bujard, H.: "Development of the human immune response against the major surface protein (GP190) of *Plasmodium falciparum*" *Infection and Immunity* 57, (1989) 3765-3769. Cited by 53
- 41 McCormick, C.J., Tuckwell, D.S., Crisanti, A., Humphries, M.J. Hollingdale, R.M.: Identification of heparin as a ligand for the A-domain of *Plasmodium falciparum* thrombospondin related adhesive protein. (1999) *Mol. Biochem. Parasitol.* 100, 111-124. Cited by 52
- 42 Spano, F., Puri, C., Ranucci, L., Putignani, L., and Crisanti, A.: "Cloning of the entire COWP gene of *Cryptosporidium parvum* and ultrastructural localization of the protein during sexual parasite development". *Parasitology* (1997) 114: 427-437. Cited by 51
- 43 Windbichler N, Papathanos PA, Catteruccia F, Ranson H, Burt A, Crisanti A. Homing endonuclease mediated gene targeting in *Anopheles gambiae* cells and embryos. *Nucleic Acids Res*. 2007;35(17):5922-33. Cited by 49
- 44 Sinigaglia, F., Takacs, B., Jacot, H., Matile, H., Pink, R., Crisanti, A. and Bujard, H.: "Non polymorphic regions of GP 190, a protein of *Plasmodium falciparum* erythrocytic stage, contain both T and B cell epitopes" *J. of Immunol.* 140, (1988) 3568-3572. Cited by 49
- 45 C Scali, F Catteruccia, Q Li, A Crisanti; identification of sex-specific transcripts of the *Anopheles gambiae* doublesex gene. *Journal Experimental Biology* 208, 3071-79 2005 Cited by 49
- 46 Grüner AC, Mauduit M, Tewari R, Romero JF, Depinay N, Kayibanda M, Lallemand E, Chavatte JM, Crisanti A, Sinnis P, Mazier D, Corradin G, Snounou G, Rénia L. Sterile protection against malaria is independent of immune responses to the circumsporozoite protein. *PLoS One*. 2007 Dec 26;2(12):e1371. Cited by 46

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- 47 La Valle, R., Bromuro, C., Ranucci, L., Müller, H.M., Crisanti, A., Cassone, A. "Molecular cloning and expression of a 70-kilodalton heat shock protein of *Candida albicans*" *Infect. and Immun.* 63, (1995), 4039-4045. Cited by 46



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- 49 I Puebla, S Esseghir, A Mortlock, A Brown, A Crisanti, W Low: A recombinant H1 histone-based system for efficient delivery of nucleic acids *Journal of biotechnology* 105 (3), 215-226 Cited by 45
- 50 Baker DA, Nolan T, Fischer B, Pinder A, Crisanti A, Russell S. A comprehensive gene expression atlas of sex- and tissue-specificity in the malaria vector, *Anopheles gambiae*. *BMC Genomics*. 2011 Jun 7;12:296. Cited by 41
- 51 Bacarese-Hamilton T, Ardizzoni A, Gray J, Crisanti A. Protein arrays for serodiagnosis of disease. *Methods Mol Biol*. (2004) 264, 271-83. Cited by 43
- 52 Cowan, J., Krishna, S., Crisanti, A. and Robson, K. "Expression of thrombospondin related anonymous protein in *Plasmodium falciparum* sporozoites" *The Lancet* 339, (1992), 1412-1413. Cited by 42
- 53 Spaccapelo, R., Naitza, S., Robson, K., Crisanti, A.: Thrombospondin-related adhesive protein (TRAP) of *Plasmodium berghei* and parasite motility. *Lancet* (1997) 350, 335. Cited by 42
- 54 Robson, K., Naitza, S., Barker, G., Crisanti, A.: "Cloning and expression of the thrombospondin related adhesive protein gene of *Plasmodium berghei*". *Mol. Biochem. Parasitol.* (1997) 84, 1-12. Cited by 42
- 55 Windbichler N, Papathanos PA, Crisanti A. Targeting the X chromosome during spermatogenesis induces Y chromosome transmission ratio distortion and early dominant embryo lethality in *Anopheles gambiae*. *PLoS Genet*. 2008 Dec;4(12):e1000291. Epub 2008 Dec 5. PMID: 19057670 Cited by 23
- 56 Skevdis, G., Siden-Kiamos, I., Müller, H-M., Crisanti, A. and Louis C. "Conserved function of *Anopheles gambiae* midgut-specific promoters in the fruitfly" *The EMBO J*, 15, (1996), 334-350. Cited by 34
- 57 Spano, F. and Crisanti, A. *Cryptosporidium parvum*: the many secrets of a small genome. *Int. J. Parasitol.* (2000) 10: 553-65. Cited by 34
- 58 Scarselli, E., Tolle, R., Früh, K., Doumbo, O., Müller, H.M., Crisanti, A. and Bujard, H.: "Analysis of the human antibody response to thrombospondin related anonymous protein TRAP of *Plasmodium falciparum*" *Infect. and Immun.* 61. (1993) 3490-3495 Cited by 28
- 59 Crisanti, A., Colantoni, A., Snodgrass, R., von Boehmer, H.: Expression of T cell receptors by thymocytes: *in situ* staining and biochemical analysis. *EMBO J*, 5, (1986), 2837-2843. Cited by 25
- 60 Tewari R, Ogun SA, Gunaratne RS, Crisanti A, Holder AA. Disruption of *Plasmodium berghei* merozoite surface protein 7 gene modulates parasite growth in vivo. *Blood*. (2005) 105(1):394-6 Cited by 25

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- 62 Catteruccia, N., Willingdale-Theune, J., Bunke, D., Prior, R., Master, L.C., Crisanti, A. and Beyreuther, K.: "Ultra structural localization of the putative precursors of the A4 amyloid protein associated with Alzheimer's disease" Am. J. of Pathol. 137, (1990), 19-26. Cited by 20
- 63 Giannoni F., Muller H.M., Vizioli, J., Catteruccia, F., Kafatos, F.C., Crisanti, A. Nuclear factors bind to a conserved DNA element that modulate the transcription of *Anopheles gambiae* trypsin genes. J Biol Chem. (2001) 276, 700-7. Cited by 18
- 64 Brown AE, Crisanti A, Catteruccia F. Comparative analysis of DNA vectors at mediating RNAi in *Anopheles* mosquito cells and larvae. J Exp Biol 2003, 206, 1817-23. Cited by 17
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- 67 Di Cristina M, Marocco D, Galizi R, Proietti C, Spaccapelo R, Crisanti A. Temporal and spatial distribution of *Toxoplasma gondii* differentiation into Bradyzoites and tissue cyst formation in vivo. Infect Immun. 2008 Aug;76(8):3491-501. Epub 2008 May 27. Cited by 14
- 68 Papathanos PA, Windbichler N, Menichelli M, Burt A, Crisanti A. The vasa regulatory region mediates germline expression and maternal transmission of proteins in the malaria mosquito *Anopheles gambiae*: a versatile tool for genetic control strategies. BMC Mol Biol. 2009 Jul 2;10:65. Cited by 14
- 69 Mauduit M, Grüner AC, Tewari R, Depinay N, Kayibanda M, Chavatte JM, Franetich JF, Crisanti A, Mazier D, Snounou G, Rénia L. A role for immune responses against non-CS components in the cross-species protection induced by immunization with irradiated malaria sporozoites. PLoS One. 2009 Nov 5;4(11):e7717. Cited by 14
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- 72 Früh, K., Müller, H.M., Bujard H. and Crisanti, A.: "A new tool for the sero diagnosis for acute *Plasmodium falciparum* malaria in individuals with primary infection" J. Immunol. Meth. 122. (1989), 25-32. Cited by 10
- 73 Spano, F., Ricci, I., Di Cristina, M., Possenti, A., Tinti, M., Dendouga, N., Tomavo, S., Crisanti, A. The SAG5 locus of *Toxoplasma gondii* encodes three novel proteins

belonging to the SAG1 family of surface antigens. *Int J Parasitol.* (2002) 32, 121-31.
Cited by 10

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- 75 Mortlock A, Low W, **Crisanti A**. Suppression of gene expression by a cell-permeable Tet repressor. *Nucleic Acids Res.* (2003) 1;31(23):e152. **Cited by 10**
- 76 **Crisanti, A.**, Früh, K., Müller, H. M., Bujard, H.: "The T cell reactivity against the major merozoite protein of *Plasmodium falciparum*" *Immunol. letters*, 25, (1990), 143-48. **Cited by 8**
- 77 Young K, Frodsham A, Doumbo OK, Gupta S, Dolo A, Hu JT, Robson KJ, **Crisanti A**, Hill AV, Gilbert SC. Inverse associations of human leukocyte antigen and malaria parasite types in two West African populations. *Infect Immun.* (2005) 73(2):953-5. **Cited by 8**
- 78 Putignani, L., Sallicandron, P., Alano, P., Abrahassen M.S., **Crisanti, A.**, Spano, F.: Chromosome mapping in *Cryptosporidium parvum* and establishment of a long range restriction map for chromosome 6. *FEMS Microbiol Lett.* (1999) 175, 231-8. **Cited by 7**
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