

Anastácio de Queiroz Sousa, M.D, PhD

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Work (Retired, Dec. 2023):
Department of Clinical Medicine, School of Medicine,
Federal University of Ceará,
Rua Professor Costa Mendes, 1608 4° andar. CEP: 60430-140
Fortaleza, Ceará, Brazil.
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Personal:

Birthday: February 1, 1951; Coreau, Ceará, Brazil
Citizenship: Brazil
Married: Telma Bezerra Sales de Queiroz, MD
Children: Geórgia (12/15/1987)
Alexandre (05/15/1989)

Education:

1971-1976, Medical School, Federal University of Ceará, Ceará, Brazil

2005-2009, Doctorate in Pharmacology, Federal University of Ceará, Brazil and University of Virginia, Charlottesville, Virginia, USA. Title: Cutaneous Leishmaniasis: Historical, Clinical Aspect and Therapeutic Evolution

Professional Experience:

1977-1978 Resident, Internal Medicine, University Hospital,
Federal University of Ceara, Fortaleza, Ceará, Brazil

1979-1980 Instructor in Medicine, Department of Clinical Medicine,
School of Medicine, Federal University of Ceará

1981-1984 Assistant Professor of Medicine I, Department of Clinical Medicine,
School of Medicine Federal University of Ceará

**June1982-July1983 Visiting Fellow in Geographic Medicine / Infectious Diseases,
University of Virginia, Charlottesville, Virginia, USA
Research Project on Leishmaniasis Dr. Richard D. Pearson and
Dr. Richard L. Guerrant**

**Aug1983-Aug1984 Visiting Fellow in Infectious Diseases,
Jackson Memorial Hospital, University of Miami, Miami, Florida, USA
Dr. Thomas Hoffman**

- 1985-1989 Assistant Professor of Medicine II, Department of Clinical Medicine,
School of Medicine, Federal University of Ceará
- 1990-1994 Assistant Professor of Medicine III, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 1995-1999 Assistant Professor of Medicine IV, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 1999-2002 Adjunct Professor of Medicine I, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2003-2004 Adjunct Professor of Medicine II, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2005-2006 Adjunct Professor of Medicine III, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2007-2008 Adjunct Professor of Medicine IV, Department of Clinical Medicine
School of Medicine, Federal University of Ceará

**2007(April-August) Served as Adjunct Faculty member in the Division of Infectious
Diseases and International Health at the Center for Global Health,
University of Virginia,
School of Medicine, Charlottesville, Virginia USA**

- 2009-2010 Associate Professor of Medicine I, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2011-2012 Associate Professor of Medicine II, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2013-2014 Associate Professor III, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2015-2016 Associate Professor of Medicine IV, Department of Clinical Medicine
School of Medicine, Federal University of Ceará
- 2017-** Professor of Medicine, Department of Clinical Medicine
School of Medicine, Federal University of Ceará

Administrative Experience:

- 1- Diretor, Hospital São José for Infectious Diseases
Fortaleza, Ceará, Brazil. **1986-1994 & 2007-2013**
- 2- Director, Tropical Medicine Unit, Federal University of Ceará
Fortaleza, Ceará, Brazil. **1993-1995 & 2005-2008**
- 3- Secretary of Health for the State of Ceará
1995-1998 & 1999-2002
- 4- President, National Council of State Health Secretaries (CONASS)
1999-2000

**5- President, Infectious Diseases Society of Ceará, State, Brazil
2003-2005**

**6- Editor, Brazilian Journal of Infectious Diseases
2005-2008**

**7- Dean of UNILAB, Federal University of International Integration of Afro-Brazilian Lusofonia
Ceará, Brazil
2017-2018**

**8- Head, Department of Clinical Medicine, School of Medicine, Federal University of Ceará
2019-2020**

Society Membership:

Brazilian Society of Tropical Medicine
Brazilian Society of Infectious Diseases
American Society of Tropical Medicine and Hygiene

Honors and Awards: 5/19

Person of Notorious Knowledge in the sector of Infectious Disease Studies -1997
State University of Ceará, Fortaleza, Ceará, Brazil

Breastfeeding Friendly – 2002

Given by the Ceará State Society of Pediatrics for increasing exclusive Breastfeeding rate in the State of Ceará from 38% to 64% (1995-2002), when Secretary of health of Ceará State

Commendation of Medical Merit - 2008

University of Fortaleza (UNIFOR), Fortaleza, Ceará, Brazil

**Honorary Membership, American Society of Tropical Medicine and Hygiene
2008-**

**Order of the Medical Merit (Given by the President of Brazil)
2021**

Research Projects:

Assessment of the therapeutic efficacy of fluconazole in American cutaneous leishmaniasis
2008-2018

Characterization of patients infected with the HIV 1 virus followed at the hospital for infectious diseases that are resistant to antiretrovirals, in Ceará, Brazil
2009 – 2013

Validation of Press Imprint Smear - a modified method for diagnosing cutaneous leishmaniasis
2011-2018

Assessment of the risk of transmission of *Leishmania chagasi* by blood donors with asymptomatic infection, in areas endemic for visceral leishmaniasis in Ceará
2014-2017

Assessment of inflammatory markers and socio-demographic factors associated with the prognosis of visceral leishmaniasis.
2014-2018

Books:

1. CORREA, L; **SOUSA, AQ.** SAUDE DO CEARÁ EM GRANDES NÚMEROS. Fortaleza - Ceará: Secretaria da Saúde do Estado do Ceará, 2002. v. 1. 240p.
2. PORDEUS JÚNIOR, IA; **SOUSA, AQ;** BROUNET, N. Universidade Aberta do Nordeste - AIDS E O COTIDIANO. 1. ed. Fortaleza - CE: Fundação Demócrito Rocha, 1991. v. 12. 96p

Articles:

- 1- **SOUSA, ANASTÁCIO Q.;** FILHO, PEDRO D.T. SINDEAUX ; CAVALCANTE, DIANE I.M. ; FRUTUOSO, MÉRCIA S. ; PEREIRA, FRANCISCO F. ; LIMA, JOSÉ W.O. ; SANTOS, LAÉCIO P.S. ; QUEIROZ, JOSÉ A.N. ; MAGUIRE, JAMES H. ; PEARSON, RICHARD D. ; POMPEU, MARGARIDA M.L. . Disseminated Cutaneous Leishmaniasis and Alcohol Misuse, Northeast Brazil, 2015-2018. EMERGING INFECTIOUS DISEASES , v. 27, p. 2462-2465, 2021.
- 2- DUARTE, NAYLÊ FRANCELINO HOLANDA ; PIRES NETO, ROBERTO DA JUSTA ; VIANA, VICTORIA FORTE ; FEIJÃO, LEVI XIMENES ; ABREU, KARINA GATTI DE ; MELO, IVA MARIA LIMA ARAÚJO ; **SOUSA, ANASTÁCIO QUEIROZ** ; ALENCAR, CARLOS HENRIQUE ; HEUKELBACH, JORG . Epidemiologia da raiva humana no estado do Ceará, 1970 a 2019. EPIDEMIOLOGIA E SERVIÇOS DE SAÚDE **JCR**, v. 30, p. e2020354, 2021.
- 3- SZENTE FONSECA, SILVIA NUNES ; **DE QUEIROZ SOUSA, ANASTASIO** ; WOLKOFF, ALEXANDRE GIANDONI ; MOREIRA, MARCELO SAMPAIO ; PINTO, BRUNO CASTRO ; VALENTE TAKEDA, CHRISTIANNE FERNANDES ; REBOUÇAS, EDUARDO ; VASCONCELLOS ABDON, ANA PAULA ; NASCIMENTO, ANDERSON L.A. ; RISCH, HARVEY A. . Risk of hospitalization for Covid-19 outpatients treated with various drug regimens in Brazil: Comparative analysis. Travel Medicine and Infectious Disease **JCR**, v. 38, p. 101906, 2020.
- 4- FIEVEZ, ALINE; MIREILLE DA CUNHA ; SILVA-FREITAS, MARIA LUCIANA ; **SOUSA, Anastácio de Queiroz** ; SANTOS-OLIVEIRA, JOANNA R. ; DA-CRUZ, ALDA M. . Lower levels of leptin are associated with severity parameters in visceral leishmaniasis patients. PLoS One **JCR**, v. 14, p. e0214413, 2019.
- 5- NACHER, MATHIEU ; LEITAO, TEREZINHA SILVA ; GÓMEZ, BEATRIZ L. ; COUPPIÉ, PIERRE ; ADENIS, ANTOINE ; DAMASCENO, LISANDRA ; DEMAR, MAGALIE ; SAMAYOA, BLANCA ; CÁCERES, DIEGO H. ; PRADINAUD, ROGER ; **SOUSA, ANASTACIO DE QUEIROZ** ; ARATHOON, EDUARDO ; RESTREPO, ANGELA . The Fight against HIV-Associated Disseminated Histoplasmosis in the Americas: Unfolding the Different Stories of Four Centers. Journal of Fungi , v. 5, p. 51-57, 2019.
- 6- LEITE, Robério Dias ; MENESES, RENATA LEAL ; DE MAGALHÃES, THAIS FONTES ; OGAWA, MAURÍCIO YUKIO ; FALCÃO, HAYSSA DE OLIVEIRA ; **SOUSA, Anastácio de Queiroz** . Visceral Leishmaniasis hospitalizations and seasonality in Fortaleza, Ceará, Northeast Brazil between 2003 - 2012. JOURNAL OF HEALTH AND BIOLOGICAL SCIENCES, v. 6, p. 128-132, 2018.
- 7- **SOUSA, ANASTÁCIO Q.;** CAVALCANTE, DIANE I.M. ; FRANCO, LUCIANO M. ; ARAÚJO, FERNANDA M.C. ; SOUSA, EMÍLIA T. ; VALENÇA-JUNIOR, JOSÉ TELMO ; ROLIM, DIONNE B. ; MELO, MARIA E.L. ; SINDEAUX, PEDRO D.T. ; ARAÚJO, MARIALVA T.F. ; PEARSON, RICHARD D. ; WILSON, MARY E. ; POMPEU, MARGARIDA M.L. . Postmortem

- Findings for 7 Neonates with Congenital Zika Virus Infection. EMERGING INFECTIOUS DISEASES (ONLINE) , v. 23, p. 1164-1167, 2017.
- 8- Romero GAS ; Costa DL ; Costa CHN ; Almeida RP ; Melo EV ; Carvalho SFG ; Rabelo A ; Carvalho AL ; **SOUSA, Anastácio de Queiroz** ; LEITE, ROBÉRIO D. ; Lima SS ; Amaral TA ; Alves FP ; Rode J ; Collaborative LVBrasil Group . Efficacy and safety of available treatments for visceral leishmaniasis in Brazil: A multicenter, randomized, open label trial. PLoS Neglected Tropical Diseases **JCR**, v. 11, p. e0005706, 2017.
 - 9- **Sousa, A. Q.**; LIMA POMPEU, M. M. ; PEARSON, R. D. . Disseminated Cutaneous Leishmaniasis, a Patient with 178 Lesions Cured with Fluconazole. The American Journal of Tropical Medicine and Hygiene **JCR**, v. 94, p. 1- 2, 2016.
 - 10- MONTEIRO, DANIELA C.S. ; **SOUSA, ANASTÁCIO Q.** ; LIMA, DANIELLE M. ; FONTES, RAISSA M. ; PRACIANO, CLAUDÊNIA C. ; FRUTUOSO, MÉRCIA S. ; MATOS, LORAINÉ C. ; TEIXEIRA, MARIA J. ; PEARSON, RICHARD D. ; POMPEU, MARGARIDA M.L. . Leishmania infantum Infection in Blood Donors, Northeastern Brazil. Emerging Infectious Diseases (Print) **JCR**, v. 22, p. 739-740, 2016.
 - 11- **Sousa, A. Q.**; Pompeu, M. M. L. ; Frutuoso, M. S. ; PEARSON, R. D. . In Response. The American Journal of Tropical Medicine and Hygiene **JCR**, v. 92, p. 1083-1083, 2015.
 - 12- LEITE, ROBÉRIO D. ; BARRETO, JULIANA L.T.M.S. ; **SOUSA, ANASTÁCIO Q.** . Measles Reemergence in Ceará, Northeast Brazil, 15 Years after Elimination. Emerging Infectious Diseases (Online) **JCR**, v. 21, p. 1681-1683, 2015.
 - 13- DAHER, ELIZABETH DE FRANCESCO ; NASSERALA, JARINNE CAMILO LANDIM ; SILVA JUNIOR, GERALDO BEZERRA DA ; OLIVEIRA, ADRIANA REGINA VILARINHO DE ; MEDEIROS NETO, JOSÉ URBANO DE ; **SOUSA, ANASTÁCIO QUEIROZ** . FATAL DISSEMINATED CRYPTOCOCCOSIS WITH RENAL INVOLVEMENT IN AN HIV-INFECTED PATIENT. Revista do Instituto de Medicina Tropical de São Paulo **JCR**, v. 57, p. 365-367, 2015.
 - 14- CAVALCANTI, LUCIANO PAMPLONA DE GÓES ; BRAGA, DEBORAH NUNES DE MELO ; POMPEU, Margarida Maria de Lima ; LIMA, ANTÔNIO AFONSO BEZERRA ; SILVA, LÍVIA MARIA ALEXANDRE DA ; AGUIAR, MARINA GONDIM ; CASTIGLIONI, MARIANA ; ARAÚJO, FERNANDA MONTENEGRO DE CARVALHO ; MALTA, DANIELE LIMA ; **QUEIROZ, ANASTÁCIO** . Evaluation of the World Health Organization 2009 classification of dengue severity in autopsied individuals, during the epidemics of 2011 and 2012 in Brazil. Revista Sociedade Brasileira de Medicina Tropical., v. 48, p. 658-664, 2015.
 - 15- JORGE, J. F. ; COSTA, A. B. V. ; RODRIGUES, J. L. N. ; GIRAO, E. S. ; LUIZ, R. S. S. ; **Sousa, A. Q.** ; MOORE, S. R. ; MENEZES, D. B. ; LEITAO, T. M. J. S. . Salmonella typhi Liver Abscess Overlying a Metastatic Melanoma. The American Journal of Tropical Medicine and Hygiene **JCR**, v. 90, p. 716-718, 2014.
 - 16- **SOUSA, Anastácio de Queiroz**; Pompeu, M. M. L. ; FRUTUOSO, M. S. ; LIMA, J. W. O. ; TINEL, J. M. B. M. ; Pearson, R. D. . Press Imprint Smear: A Rapid, Simple, and Cheap Method for the Diagnosis of Cutaneous Leishmaniasis Caused by Leishmania (Viannia) braziliensis. The American Journal of Tropical Medicine and Hygiene , v. 91, p. 905-907, 2014.
 - 17- **SOUSA, Anastácio de Queiroz**; POMPEU, M M L ; FRUTUOSO, M. S. ; MORAES, E. A. ; PEARSON, R. D. Reply to Torres and Suarez. Clinical Infectious Diseases **JCR**, v. 55, p. 309-310, 2012.
 - 18- **SOUSA, Anastácio de Queiroz**; Frutuoso, M. S. ; Moraes, E. A. ; Pearson, R. D. ; Pompeu, M. M. L. . High-Dose Oral Fluconazole Therapy Effective for Cutaneous Leishmaniasis Due to Leishmania (Vianna) braziliensis. Clinical Infectious Diseases **JCR**, v. 53, p. 693-695, 2011.

- 19- SOUSA, Anastácio de Queiroz; PEARSON, RICHARD D.** Dogs as Reservoirs for Emerging Infectious Diseases (Print) **JCR**, v. 17, p. 327-327, 2011.
- 20- FAÇANHA, Mônica C C ; SOUSA, Anastácio de Queiroz ; CAFÉ, Vaulice Sales ; WANKE, B .** Paracoccidioidomycosis - description of two cases autochthonous in Ceará. The Brazilian Journal of Infectious Diseases (Impresso) , v. 14, p. 86-88, 2010.
- 21- REY, Luis Carlos ; SOUSA, ANASTACIO QUEIROZ .** Severe disseminated tuberculosis in a 4-year-old girl. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 14, p. 637-638, 2010.
- 22- SOUSA, Anastácio de Queiroz; PEARSON, Richard D.** Drought, Smallpox, and Emergence of Leishmania braziliensis in Northeastern Brazil. Emerging Infectious Diseases (Print) **JCR**, v. 15, p. 916-921, 2009.
- 23- CAVALCANTE, L. P. G. ; ROLIM, Dionne B ; PIRES NETO, R. J. ; VILAR, D C F L ; NOGUEIRA, J. O. L. ; POMPEU, Margarida Maria de Lima ; TEIXEIRA, Maria Jania ; SOUSA, Anastácio de Queiroz .** Microepidemia de Doença de Chagas Aguda por Transmissão Oral no Ceará. Cadernos Saúde Coletiva (UFRJ), v. 17, p. 911-921, 2009.
- 24- ALBUQUERQUE, P. L. M. M. ; SILVA JUNIOR, G. B. ; FREIRE, C. C. F. ; OLIVEIRA, S. B. C. ; ALMEIDA, D. M. ; SILVA, H.F. ; CAVALCANTE, M. S. ; SOUSA, Anastácio de Queiroz .** Urbanization of visceral leishmaniasis (kala- azar) in Fortaleza, Ceará, Brazil. Revista Panamericana de Salud Publica (Print) **JCR**, v. 26, p. 330-333, 2009.
- 25- INGLIS, T J J ; SOUSA, Anastácio de Queiroz .** The public health implications of melioidosis. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 13, p. 59-66, 2009.
- 26- SOUSA, Anastácio de Queiroz; MENEZES, Dalgimar Beserra.** José Borges Sales (1911-2006). The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 11, p. 182-182, 2007.
- 27- OLIVEIRA, F. A. ; LANG, K. ; PFLEGER, V. ; HEUKELBACH, J. ; MIRALLES, I. ; SOUSA, Anastácio de Queiroz ; STOFFLER-MEILICKE, M. ; IGNATIUS, R. ; KERR, L. F. S. ; FELDMEIERS, H. .** Sexually transmitted infections, bacterial vaginosis, and candidiasis in women of reproductive age in rural Northeast Brazil: a population-based study. Memórias do Instituto Oswaldo Cruz (Impresso) **JCR**, v. 102, p. 751-756, 2007.
- 28- SOUSA, Anastácio de Queiroz; SOLON, Francisco Roberto Neves ; COSTA FILHO, Eloy da ; LIMA, F Heli Cavalcante .** Disseminated cysticercosis with asymptomatic involvement of the heart. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 10, p. 65-65, 2006.
- 29- SOUSA, Anastácio de Queiroz; POMPEU, Margarida Maria Lima ; SOLON, Francisco Roberto Neves ; FRUTUOSO, Mércia Sindeaux ; TEIXEIRA, Maria Jania ; SILVA, Terezinha Do Menino Jesus .** Disseminated cutaneous leishmaniasis: a patient with 749 lesions. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 10, p. 230-230, 2006.
- 30- SOUSA, Anastácio de Queiroz; POMPEU, Margarida Maria de Lima ; ARAÚJO FILHO, Carlos Jaime de ; QUEIROZ, Telma Régia Bezerra Sales ; FERREIRA, Jair .** Purified Protein Derivative - PPD. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, v. 10, p. 420, 2006.
- 31- INGLIS, T J J ; ROLIM, Dione Bezerra ; SOUSA, Anastácio de Queiroz .** Melioidosis in the Americas. The American Journal of Tropical Medicine and Hygiene **JCR**, v. 75, p. 947-954, 2006.
- 32- MENDONÇA, João Silva de ; BADARÓ, Roberto ; SOUSA, Anastácio de Queiroz .** Brazilian Society of Infectious Diseases: 25 years!. The Brazilian Journal of Infectious Diseases (Impresso) **JCR**, Brasil, v. 9, n.1, p. 1-2, 2005.

- 33-** ROLIM, Dionne B ; VILAR, Diana C F ; **SOUSA, Anastácio de Queiroz** ; MIRALLES, I S ; OLIVEIRA, Diana Carmem A N de ; HARNETT, G. ; OREILLY, L. ; INGLIS, T J J ; HOWARD, K. ; SAMPSON, I. . Melioidosis, Northeastern Brazil. *Emerging Infectious Diseases (Print)* **JCR** , v. 11, p. 1458-1460, 2005.
- 34-** **SOUSA, Anastácio de Queiroz**; ALENCAR, Joaquim Eduardo de . Ciência e Saúde Pública para as Doenças do Sertão. *Revista da Sociedade Brasileira de Medicina Tropical (Impresso)* **JCR**, v. 38, p. 5-6, 2005.
- 35-** FELDMEIER, H ; EISELE, M ; **SOUSA, Anastácio de Queiroz** ; BARBOSA, Luiza de Marilac Meireles ; CARVALHO, Cibele Barreto Mano de . Bacterial superinfection in human tungiasis. *TM & IH. Tropical Medicine and International Health (Print)* , v. 7, n.7, p. 559-564, 2002.
- 36-** JERONIMO, S M B ; TEIXEIRA, Maria Jania ; **SOUSA, Anastácio de Queiroz** ; THIELKING, P ; PEARSON, R D ; EVANS, T G . Natural History of Leishmania (Leishmania) chagasi infection in Northeastern Brazil: Long-Term Follow-Up. *Clinical Infectious Diseases* , Chicago, v. 30, n.3, p. 608-609, 2000.
- 37-** **SOUSA, Anastácio de Queiroz**; SÁ, H L C ; QUEIROZ, Telma Régia Bezerra Sales ; HORTA, Wagner G ; PEARSON, R D . Neurocystercosis in Ceará State, Northeast Brazil. A review of 119 cases.. *American Journal of Tropical Medicine and Hygiene* , Estados Unidos, v. 58, n.6, p. 759-762, 1998.
- 38-** **SOUSA, Anastácio de Queiroz**. Progresso em Saúde no Ceará.. *Divulgação em Saúde para Debate, Londrina - Paraná*, v. 17, p. 20-21, 1997.
- 39-** BROUNET, N ; **SOUSA, Anastácio de Queiroz** ; BASÍLIO, F Placido ; SÁ, H L C ; SIMON, F ; DABIS, F . Prevalence of HIV-1, HIV-2 and HTLV antibody, in Fortaleza, Ceara, Brazil, 1993-1994. *International Journal of STD & AIDS* , Londres, Inglaterra, v. 7, p. 365-369, 1996.
- 40-** PEARSON, R D ; **SOUSA, Anastácio de Queiroz** . Clinical Spectrum of Leishmaniasis. *Clinical Infectious Diseases* , v. 22, p. 1-13, 1996.
- 41-** EVANS, Thomas G ; TEIXEIRA, Maria Jania ; **SOUSA, Anastácio de Queiroz** ; PEARSON, Richard D . Short report extended follow-up of the natural history of persons infected with Leishmania chagasi.. *American Journal of Tropical Medicine and Hygiene* , v. 53, n.4, p. 360-361, 1995.
- 42-** **SOUSA, Anastácio de Queiroz**; PARISE, Monica E ; POMPEU, Margarida Maria de Lima ; COELHO FILHO, João Macêdo ; VASCONCELOS, Izabel de Alencar Barros ; LIMA, José Wellington de Oliveira ; OLIVEIRA, Erico G ; VASCONCELOS, Antonio Wilson ; DAVID, John R ; MAGUIRE, James H . Bubonic Leishmaniasis: A common manifestation of Leishmania (Viannia) Braziliensis infection in Ceará, Brazil.. *American Journal of Tropical Medicine and Hygiene* **JCR**, v. 53, n.4, p. 380-385, 1995.
- 43-** WUHIB, Tadesse ; SILVA, Terezinha Do Menino Jesus ; NEWMAN, Robert D ; GARCIA, Lynne S ; PEREIRA, Maria Lúcia D ; CHAVES, Cristina de Souza ; WALHQUIST, Susanne P ; BRYAN, Ralph T ; GUERRANT, Richard L ; **SOUSA, Anastácio de Queiroz** ; QUEIROZ, Telma Régia Bezerra Sales ; SEARS, Cynthia L . Cryptosporidial and Microsporidial Infections in Human Immunodeficiency Virus-Infected Patients in Northeastern Brazil. *The Journal of Infectious Diseases* , v. 170, p. 494-497, 1994.
- 44-** BROUNET, Natalie ; INGRAND, Pierre ; **SOUSA, Anastácio de Queiroz** ; DIAS JÚNIOR, Francisco Andrade ; LIMA, José Wellington de Oliveira . La Leishmaniose tegumentaire dans le Ceará (Brésil) entre 1986 et 1990.. *Cahiers Santé, França*, v. 4, n.2, p. 87-94, 1994.

- 45- CETRON, Martin S ; BASÍLIO, Francisco P ; MORAES, Andréa P ; **SOUSA, Anastácio de Queiroz** ; PAES, J N ; KAHN, Stuart J ; WENERL, Mark H ; VOORHIS, Wesley H Van . Humoral and cellular immune response of adults from Northeastern Brazil with chronic *Trypanosoma cruzi* infection: Depressed cellular immune response to T.cruzi antigen among Chagas'Diseases patients with symptomatic versus indeterminate infection.. American Journal of Tropical Medicine and Hygiene , v. 49, n.3, p. 370-382, 1993.
- 46- HOLLADY, Bettie Jane ; SADICK, M D ; WANG, Z ; HEINZEL, F P ; PARLOW, T G ; LOCKLEY, R M ; POMPEU, Margarida Maria de Lima ; EVANS, T G ; BRAGA, Marcus Davis Machado ; **SOUSA, Anastácio de Queiroz** . Correlates of Leishmania-Specific Immunity in the Clinical Spectrum of Infection with *Leishmania chagasi*. The Journal of Infectious Diseases , v. 167, p. 411-417, 1993.
- 47- HOLLADY, Bettie Jane ; POMPEU, Margarida Maria de Lima ; JERONIMO, Selma M B ; TEIXEIRA, Maria Jania ; **SOUSA, Anastácio de Queiroz** ; VASCONCELOS, Antonio Wilson ; PEARSON, Richard D ; ABRAMS, J S ; LOCKLEY, Richard M . Potential role for Interleukin-10 in the immunosuppression associated with Kala azar.. Journal of Clinical Investigation **JCR**, v. 92, p. 2626-2632, 1993.
- 48- VASCONCELOS, Izabel de Alencar Barros ; **SOUSA, Anastácio de Queiroz** ; VASCONCELOS, Antonio Wilson ; DIÓGENES, Maria José Nogueira ; MOMEN, H ; GRIMALDI JÚNIOR, G ; MENEZES, Dalgimar Beserra de ; SLEIGH, A C . Parasitisme cutané par *Leishmania (Leishmania) chagasi* au cours de la Leishmaniose viscérale Sud-Américaine.. Bulletin de la Société de Pathologie Exotique et de ses Filiales, France, v. 86, p. 101-105, 1993.
- 49- CETRON, Martin S ; BASÍLIO, Francisco P ; MORAES, Andréa P ; **SOUSA, Anastácio de Queiroz** ; PAES, J N ; MACÊDO, J C ; KAHN, J C ; WENERL, Mark H ; VOORHIS, Wesley H Van . Humoral and cellular immune factors in Cohost of adults from Northeast Brazil with Chronic *Trypanosoma cruzi* infection.. American Journal of Tropical Medicine and Hygiene **JCR**, v. 474, n.Supl, p. 119-120, 1992.
- 50- MACÊDO, J C ; **SOUSA, Anastácio de Queiroz** ; OLIVEIRA, F G M . Síndrome do choque tóxico. Primeiro relato de caso no Estado do Ceará. Ceará médico, Fortaleza - Ce, v. 6, p. 25-27, 1992.
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