

## CURRICULUM VITAE

### PERSONAL DATA

Last name: Dietze  
First name: Reynaldo  
Title: M.D., M.Sc., D.Sc. Full Professor  
Birth date: 09 / 01 / 1953  
Nationality: Brazilian

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### BACKGROUND

Specialty: Infectious Diseases / Tropical Medicine

Certificate / Degree	School / University	Date Obtained
Medical Degree	Universidade Federal do Espírito Santo	1977
Residency	FMUSP - Universidade de São Paulo	1980
M.Sc. in Tropical Medicine	Núcleo de Medicina Tropical - Universidade de Brasília, UnB	1983
D.Sc in Infectious and Parasitic Diseases	FMUSP - Universidade de São Paulo	1990

### PROFESSIONAL EXPERIENCE

#### CURRENT POSITION

2018/... Invited Full Professor - Unidade de Ensino e Investigação em Clínica das Doenças Tropicais

1990/2017 - Director - Núcleo de Doenças Infecciosas  
Universidade Federal do Espírito Santo, Vitória, Brazil.

2002/...Adjunct Assistant Professor of Medicine - Honorary Title  
Duke University Medical Center  
USA - North Carolina

2017/...Temporary Adviser WHO for ZIKA infections/Data Analysis

#### PREVIOUS APPOINTMENTS & PERSONAL ACHIEVEMENTS

- 1984-1986      Research Fellow  
Núcleo de Medicina Tropical e Nutrição,  
University of Brasília, Brasília, Brazil.
- 1986  
(Jun-Oct)      Epidemiology Advisor, Secretary of Hygiene and Health, City of São  
São Paulo, SP, Brazil
- 2005-2007      President of the Committee for Technological and Scientific Developmental  
STD/AIDS Brazilian National Program
- 2007-2009      Head of the Consulting Committee for Diagnosis and Treatment of Tuberculosis  
Ministry of Health, Brazil
- 2007-2009      President of the Brazilian Society of Tropical Medicine
- 2013-2017      Director for Teaching & Research - University Hospital (HUCAM-EBSERH)  
Universidade Federal do Espírito Santo

#### CLINICAL EXPERIENCE

##### Clinical Trials Experience

**1995** - FDA Phase IIb IND Clinical Trial of Oral WR6026.2HCl In Patients With Brazilian Visceral Leishmaniasis due to *L. chagasi*: Initial Dose Range Determination For Efficacy, Safety And Tolerance.

Sponsor: Walter Reed Army Institute of Research

Responsibility: PI

**1998** - FDA Phase II IND Open Label Multiple-Dose Study of the Safety and Early Bactericidal Activity of KRM 1648 (Rifalazil) in the Treatment of Newly Diagnosed Patients with Smear-Positive Pulmonary TB.

Sponsor: NIH TBRU and Pathogenesis Corporation (PI - Ellner JJ) Boston University Medical Center - USA.

Responsibility: Site PI

**2000** - FDA IND Phase II Multicentric A 2-arm, double-blind, randomized, parallel group study to evaluate two doses (500mg vs 1000mg) of Lamisil® in subjects with cutaneous or lymph cutaneous Sporotrichosis, during a treatment period of up to 6 months maximum, with a 6 month follow-up.

Sponsor: Novartis

Responsibility: PI

**2003** - FDA IND Phase II - Randomized, open label, multiple dose phase I study of the early bactericidal activity of levofloxacin, gatifloxacin, and moxifloxacin in HIV-non-infected adults with initial episodes of sputum smear-positive pulmonary TB.

Sponsor: NIH - TBRU (PI - Ellner JJ) Boston University Medical Center - USA

Responsibility: Site PI

**2005** - FDA Phase III Multicenter - A Prospective Study of Shortening the Duration of Standard Short Course Chemotherapy from 6 Months to 4 Months in HIV-non-infected Patients with Fully Drug-Susceptible, Non-cavitary Pulmonary TB with Negative Sputum Cultures after 2 Months of Anti-TB Treatment.

Sponsor: NIH-TBRU (PI - Ellner JJ) Boston University Medical Center - USA

Responsibility: Site PI

**2005** - FDA IND Phase II - Randomized, open label, multiple dose phase I study of the early bactericidal activity of linezolid in HIV-non-infected adults with initial episodes of sputum smear-positive pulmonary TB.

Sponsor: NIH-TBRU (PI - Ellner JJ) Boston University Medical Center - USA

Responsibility: Site PI

**2006** - Phase II Open Label Multicentric Clinical Trial to Assess Efficacy and Safety of Orally Administered Miltefosine in Brazilian Patients with Visceral Leishmaniasis.

Sponsor: WHO-TDR and Zentaris GMH

Responsibility: PI

**2007-2013** - ICIDR - US-Brazil Research Collaboration on Strain Variation in TB.

NIH-NIAID - U01 AI065663-01 (PI - Ellner JJ) Boston University Medical Center - USA

Responsibility: Site PI

This was an observational household contact study design, performed in Vitória, ES Brazil, with the objective to evaluate the role of *M. tuberculosis* immunogenetic differences on the risk of infection and disease.

Responsibility - Site PI

**2009-2016** - Tuberculosis Clinical Diagnostics Research Consortium (TB-CDRC).

NIH-NIAID-DMIS-NIH-AI2008026 (PI - Susan Dorman) John's Hopkins University - USA

Responsibility - Site PI

This contract established a multicentric international network of sites and investigators to evaluate new TB diagnostics in its early developmental phase with promising initial results. Target diagnostic population included the entire clinical spectrum of Tuberculosis including TB in children and adults, in HIV infected patients and drug-resistance.

**2010** - Randomized Controlled Clinical Trial to Assess Efficacy and Safety of Miltefosine in the Treatment of Cutaneous Leishmaniasis Caused by *Leishmania (Viannia) guyanensis* in Manaus, Brazil.

Sponsor: FINEP/Brazil (project no. 3726/05)

Responsibility: PI

**2010-CYD30** - Dengue Vaccine: "Immunogenicity and Safety of CYD Dengue Vaccine in Healthy Children and Adolescents Aged 9 to 16 years in South America".

Sponsor: Sanofi Pasteur

Responsibility: PI and Country Coordinator Center

**2010-2015** - ICIDR - US-Brazil Research Collaboration on Biomarkers in TB

NIH-NIAID - U01 AI 65663-06 - (PI - Ellner JJ), Boston University Medical Center - USA

Responsibility: Brazil Site PI

This study, an extension of the first ICIDR listed above, also used a household contact study design and a longitudinal cohort in Vitória, Brazil to determine the host immune kinetics before and after *M. tuberculosis* infection, to search for biomarkers associated with TB recurrence.

**2011-2019** CYD15 Dengue Vaccine: “Randomized, double-blind, placebo-controlled, multi-center, Phase III trial in 20,875 subjects. Subjects will receive 3 vaccinations (Day 0, Day 0 + 6 months, Day 0 + 12 months), with an efficacy follow-up of 13 months after Dose 3 and a follow-up for hospitalized dengue cases of 36 months after dose 3”

Sponsor: Sanofi Pasteur

Responsibility: PI and Country Coordinator Center

**2014-2015** - Evaluation of Non-Inferiority of Two Fast Follower Nucleic Acid Amplification Tests for the Diagnosis of Pulmonary Tuberculosis in Comparison to GeneXpert MTB/RIF

Responsibility - Site PI

NIH-NIAID-DMID Protocol Number: 13-0017 (PI - Susan Dorman) John’s Hopkins University - USA

Funding Mechanism: N01AI90500C

Responsibility: Brazil Site PI

**2015-2021** - Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis

NIH-NIAID - U19AI111276 Ellner (PI) Boston University Medical Center - USA Responsibility: Brazil Site PI

To identify and validate biomarkers that can predict which patients are at high risk of progressing from latent TB infection (LTBI) to active disease.

Responsibility: Brazil Site PI

**2016...** Phase III, Randomized, double-blind, placebo-controlled, multi-center to investigate the efficacy of a novel tetravalent dengue in the age group of 4 to 16 years old.

Sponsor: Takeda

Responsibility: PI and Country Coordinator Center

#### Training

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|--------------------------|---|
| <b>1983</b><br>(Oct)     | Short Course. "Methods in Clinical Epidemiology"<br>By McMaster University, Canada; Ministry of Education; National Council for Scientific and Technological Development. Brasília, DF, Brazil. 2-6 Oct |
| <b>1985</b><br>(Jul-Ago) | Short Course. "Tropical Medicine", Walter Reed Army Institute of Research, Washington, DC, USA.   |
| <b>1989</b><br>(Sep)     | Seminar on Epidemiology, Biostatistics and Infectious Diseases<br>Center for Diseases Control, Atlanta, GA, USA, 18-29 Sep.   |
| <b>1989</b><br>(Oct-Nov) | Pfizer/USAID/Partners of the Americas Fellowship in Infectious Diseases<br>at Marshall University, WV, and NIH, MD, USA.  |
| <b>1993</b><br>(Aug)     | Good Clinical Practices Course. The Center for Professional<br>Advancement. Chicago IL., 3-5 Aug.   |
| <b>1994</b><br>(Oct)     | Short Course. Clinical Research Training Program. Department of<br>Medicine, Duke University Medical Center.  |
| <b>2006</b><br>(Jan)     | The Fundamentals of International Clinical Research Workshop (NIH-FHI)<br>Buenos Aires, Argentina, 16-20  |
| <b>2011</b><br>(Jan)     | The Fundamental of International Clinical Research Workshop (NIH-FHI)<br>Vitória, E.S., Brazil, 15-19   |

- 2016**            The Fundamentals of International Clinical Research Workshop (NIH-FHI 360)  
(Apr)            Buenos Aires, Argentina, 24-29
- 2016**            Study Design and Biostatistics Training (NIH-FHI 360)  
(Sept)           Bangkok, Thailand, 12-16

## PUBLICATIONS

### Book Co-editor

Veronesi R, ed., Foccacia R, **Dietze R**, Co-eds. Doenças Infecciosas e Parasitárias. 8th Edition, Rio de Janeiro, Guanabara Koogan, 1991

### Book Chapters:

**Dietze R**. Leishmaniose Tegumentar Americana In: Fundamentos em Infectologia. Rio de Janeiro Editora Rubio Ltda, 2009, v.1, p. 797-820.

**Dietze R**. Riquetsioses In: Fundamentos em Infectologia ed. Rio de Janeiro : Editora Rubio Ltda, 2009, v.1, p. 671-681.

**Dietze R**, Hadad DJ, Pereira FEL, Ribeiro-Rodrigues, R. Tuberculose In: Fundamentos em Infectologia. Rio de Janeiro: Editora Rubio Ltda, 2009, v.1, p. 703-738.

**Dietze R**, Moussallen TM. Infeção por Pneumocystis Carinii In: Tratado de Clínica Médica. 1ª ed. São Paulo : Editora Rocca, 2006, v.3, p. 4150-4155.

**Dietze R**. Leishmaniose. In: Condutas em Infectologia. 1ª ed. São Paulo - SP: Editora Atheneu, 2004, v.1, p. 311-322.

**Dietze R**. Leishmaniose Tegumentar Americana. In: Medicina Tropical. 1ª ed. São Paulo: Editora Atheneu, 2003, v.1, p. 85-103

**Dietze R**, Carvalho SFG. Leishmaniose Visceral - Calazar. In: Medicina Tropical. 1ª ed. São Paulo: Editora Atheneu, 2003, v.1, p. 65-84.

**Dietze R**, Sexton DJ. Rickettsioses In: Doenças Infecciosas: Conduta Diagnóstica e Terapêutica. 2ª ed. Rio de Janeiro: Editora Guanabara Koogan 1998, v.1, p. 178-182.

**Dietze R**. Dengue. In: Veronesi, R., ed. "Doenças Infecciosas e Parasitárias" 8ª ed. Rio de Janeiro: Editora Guanabara Koogan, 1991

Kay D, **Dietze, R**. Endocardite Infecciosa. In: Veronesi, R. "Doenças Infecciosas e Parasitárias. 8ª ed. Rio de Janeiro: Editora Guanabara Koogan, 1991.

**Dietze R**. Estreptococcias. In: Veronesi, R. "Doenças Infecciosas e Parasitárias. 8ª ed. Rio de Janeiro: Guanabara Koogan, 1991

Alencar, JE, Neves, J, **Dietze, R**. Leishmaniose Visceral (Calazar) In: Veronesi, R., ed., "Doenças Infecciosas e Parasitárias" 8ª. ed. Rio de Janeiro: Editora Guanabara Koogan, 1991

## Peer Reviewed Journals

1. Martinez L, Cords O, Horsburgh CR, Andrews JR, Pediatric TB Contact Studies Consortium. The Risk of Tuberculosis in Children After Close Exposure: A Systematic Review and Individual-Participant Meta-Analysis. *Lancet* 395(10228):973-984, 2020. doi: 10.1016/S0140-6736(20)30166-5.
2. Biswal S, Borja-Tabora C, Martinez Vargas L, Velásquez H, Theresa Alera M, Sierra V, Johana Rodriguez-Arenales E, Yu D, Wickramasinghe VP, Duarte Moreira E Jr, Fernando AD, Gunasekera D, Kosalaraksa P, Espinoza F, López-Medina E, Bravo L, Tuboi S, Hutagalung Y, Garbes P, Escudero I, Rauscher M, Bizjajeva S, LeFevre I, Borkowski A, Saez-Llorens X, Wallace D; TIDES study group. Efficacy of a tetravalent dengue vaccine in healthy children aged 4-16 years: a randomized, placebo-controlled, phase 3 trial. *Lancet*. 395(10234):1423-1433, 2020. doi: 10.1016/S0140-6736(20)30414-1. Epub 2020 Mar.
3. Ma Y, Jenkins HE, Sebastiani P, Ellner JJ, Jones-López EC, **Dietze R**, Horsburgh CR Jr, White LF Using cure models to estimate the serial interval of tuberculosis with limited follow-up. *Am J Epidemiol*, 2020 doi: 10.1093/aje/kwaa090. Online ahead of print. PMID: 32458995
4. Leonga S, Zhaob Y, Ribeiro-Rodrigues R, Jones-López EC, Acuña-Villaorduña C, Marques-Rodrigues P, Palaci M, Alland D, Dietze R, JEllner JJ, Johnson E, Salgame P. Cross-validation of existing signatures and derivation of a novel 29-gene transcriptomic signature predictive of progression to TB in a Brazilian cohort of household contacts of pulmonary TB. *Tuberculosis*. DOI: 10.1016/j.tube.2020.101898, 2020.
5. Covre LP, Devine OP, Garcia de Moura R, Vukmanovic-Stejic M, **Dietze R**, Ribeiro-Rodrigues R, Guedes HLM, Lubiana Zanotti, Falqueto, Akbar AN, Gomes DCO. Compartmentalized cytotoxic immune response leads to distinct pathogenic roles of natural killer and senescent CD8+ T cells in human cutaneous leishmaniasis. *Immunology*. doi: 10.1111/imm.13173. [Epub ahead of print], 2020
6. Biswal S, Reynales H, Saez-Llorens X, Lopez P, Borja-Tabora C, Kosalaraksa P, Sirivichayakul C, Watanaveeradej V, Rivera L, Espinoza F, Fernando L, **Dietze R**, Luz K, Venâncio da Cunha R, Jimeno J, López-Medina E, Borkowski A, Brose M, Rauscher M, LeFevre I, Bizjajeva S, Bravo L, Wallace D; TIDES Study Group. Efficacy of a Tetravalent Dengue Vaccine in Healthy Children and Adolescents. *N Engl J Med* 21;381(21):2009-2019. doi: 10.1056/NEJMoa1903869, 2019.
7. McIntosh AI, Jenkins HE, Horsburgh CR, Jones-López EC, Whalen CC, Gaeddert M, Marques-Rodrigues P, Ellner JJ, **Dietze R**, White LF. Partitioning the risk of tuberculosis transmission in household contact studies. *PLoS One* 14(10):e0223966. doi: 10.1371/journal.pone.0223966. eCollection 2019.
8. Singh T, Lopez CA, Giuberti C, Dennis ML, Itell HL, Heimsath HJ, Webster HS, Roark HK, Merçon de Vargas PR, Hall A, Corey RG, Swamy GK, **Dietze R**, Lazear HM, Permar SR. Efficient transplacental IgG transfer in women infected with Zika virus during pregnancy. *PLoS Negl Trop Dis* 13(8):e0007648. doi: 10.1371/journal.pntd.0007648. eCollection 2019.

9. Carnielli JBT, Monti-Rocha R, Costa DL, Molina Sesana A, Pansini LNN, Segatto M, Mottram JC, Costa CHN, Carvalho SFG, Dietze R. Natural Resistance of *Leishmania infantum* to Miltefosine Contributes to the Low Efficacy in the Treatment of Visceral Leishmaniasis in Brazil. *Am J Trop Med Hyg* 101(4):789-794. doi: 10.4269/ajtmh.18-0949, 2019
10. Ronacher K, Chegou NN, Kleynhans L, Djoba Siawaya JF, du Plessis N, Loxton AG, Maasdorp E, Tromp G, Kidd M, Stanley K, Kriel M, Menezes A, Gutschmidt A, van der Spuy GD, Warren RM, Dietze R, Okwera A, Thiel B, Belisle JT, Cliff JM, Boom WH, Johnson JL, van Helden PD, Dockrell HM, Walzl G. Distinct serum biosignatures are associated with different tuberculosis treatment outcomes. *Tuberculosis (Edinb)* 118:101859. doi: 10.1016/j.tube.2019.101859, 2019.
11. Acuña-Villaorduña C, Ayakaka I, Schmidt-Castellani LG, Mumbowa F, Marques-Rodrigues P, Gaeddert M, White LF, Palaci M, Ellner JJ, Dietze R, Joloba M, Fennelly KP, Jones-López EC. Host Determinants of Infectiousness in Smear-Positive Patients With Pulmonary Tuberculosis. *Open Forum Infect Dis* 11;6(6):ofz184. doi: 10.1093/ofid/ofz184. eCollection 2019.
12. Coronel D, García-Rivera EJ, Rivera M, Arredondo-García JL, Dietze R, Perroud AP, Cortés M, Bonaparte M, Zhao J, Tila M, Jackson N, Zambrano B, Noriega F. Dengue Vaccine Booster in Healthy Adolescents and Adults in Latin America: Evaluation 4-5 Years After a Primary 3-Dose Schedule. *Pediatr Infect Dis J*. 38(5):e90-e95. doi: 10.1097/INF.0000000000002286, 2019.
13. Madico G, Vinhas S, Orr B, White L, Gaeddert M, Miller NS, Mpeirwe M, Orikiriza P, Mwangi-Amumpaire J, Boum Y 2nd, Palaci M, Dietze R, Jones-López EC. Further evidence of *Mycobacterium tuberculosis* in the sputum of culture-negative pulmonary tuberculosis suspects using an ultrasensitive molecular assay. *Tuberculosis (Edinb)* 116:1-7. doi: 10.1016/j.tube.2019.03.007, 2019.
14. Verma S, Bhatt K, Lovey A, Ribeiro-Rodrigues R, Durbin J, Jones-López EC, Palaci M, Vinhas SA, Alland D, Dietze R, Ellner JJ, Salgame P. Transmission phenotype of *Mycobacterium tuberculosis* strains is mechanistically linked to induction of distinct pulmonary pathology. *PLoS Pathog* 15(3): e1007613. doi: 10.1371/journal.ppat.1007613, eCollection 2019.
15. Salgado CL, Dias EL, Stringari LL, Covre LP, Dietze R, Lima Pereira FE, de Matos Guedes HL, Rossi-Bergmann B, Gomes DCO. Pam3CSK4 adjuvant given intranasally boosts anti-*Leishmania* immunogenicity but not protective immune responses conferred by LaAg vaccine against visceral leishmaniasis. *Microbes Infect*. 21(7):328-335. doi: 10.1016/j.micinf.2019.02.005, 2019.
16. Coelho da Silva FD, Covre LP, Stringari LL, Palaci M, Dietze R, Gomes DCO, Ribeiro-Rodrigues R. Toll-like receptors blocking restores in vitro microbicidal activity in latent tuberculosis-infected subjects. *Int J Tuberc Lung Dis*. 23(2):212-218. doi: 10.5588/ijtld.18.0392, 2019.
17. Covre LP, Martins RF, Devine OP, Chambers ES, Vukmanovic-Stejic M, Silva JA, Dietze R, Rodrigues RR, de Matos Guedes HL, Falqueto A, Akbar AN, Gomes DCO. Circulating Senescent T Cells Are Linked to Systemic Inflammation and Lesion Size During Human Cutaneous Leishmaniasis. *Front Immunol* 4;9:3001. doi: 10.3389/fimmu.2018.03001, 2019.
18. Acuña-Villaorduña C, Schmidt-Castellani LG, Marques-Rodrigues P, White LF, Hadad DJ, Gaeddert M, Ellner JJ, Fennelly KP, Palaci M, Dietze R, Jones-López EC. Cough-aerosol cultures of *Mycobacterium tuberculosis* in the prediction of outcomes after exposure. A household contact study in Brazil. *PLoS One*. 29;13(10):e0206384. doi: 10.1371/journal.pone.0206384, 2018.

19. Carnielli JBT, Crouch K, Forrester S, Silva VC, Carvalho SFG, Damasceno JD, Brown E, Dickens NJ, Costa DL, Costa CHN, **Dietze R**, Jeffares DC, Mottram JC. A Leishmania infantum genetic marker associated with miltefosine treatment failure for visceral leishmaniasis. EBioMedicine. 36:83-91. doi: 10.1016/j.ebiom.2018.09.029, 2018.
20. Nascimento CPD, Hadad DJ, Castellani LGS, Almeida Júnior PS, **Dietze R**, Palaci M. Sputum sample collected over a period of 5 h: A reliable procedure for early bactericidal activity studies. Diagn Microbiol Infect Dis. 92(1):25-30. doi: 10.1016/j.diagmicrobio.2018.04.013, 2018.
21. Fernandes P, Ma Y, Gaeddert M, Tsacogianis T, Marques-Rodrigues P, Fregona G, Loomans A, Jones-López EC, **Dietze R**, Ellner JJ, White LF, Hochberg NS. Sex and age differences in Mycobacterium tuberculosis infection in Brazil. Epidemiol Infect. 146(12):1503-1510. doi: 10.1017/S0950268818001450, 2018.
22. Colangeli R, Jedrey H, Kim S, Connell R, Ma S, Chippada Venkata UD, Chakravorty S, Gupta A, Sizemore EE, Diem L, Sherman DR, Okwera A, **Dietze R**, Boom WH, Johnson JL, Mac Kenzie WR, Alland D; DMID 01-009/Tuberculosis Trials Consortium Study 22 Teams. Bacterial Factors That Predict Relapse after Tuberculosis Therapy. N Engl J Med. 30;379(9):823-833. doi: 10.1056/NEJMoa1715849, 2018.
23. Oliveira SBV, Passos AF, Hadad DJ, Zbyszynski L, de Almeida Júnior PS, Castellani LGS, **Dietze R**, Palaci M. The impact of ocular tuberculosis on vision after two months of intensive therapy. Braz J Infect Dis. 22(3):159-165. doi: 10.1016/j.bjid.2018.03.005, 2018.
24. Premkumar L, Collins M, Graham S, Liou GA, Lopez CA, Jadi R, Balmaseda A, Brackbill JA, **Dietze R**, Camacho E, De Silva AD, Giuberti C, Dos Reis HL, Singh T, Heimsath H, Weiskopf D, Sette A, Osorio JE, Permar SR, Miley MJ, Lazear HM, Harris E, de Silva AM. Development of Envelope Protein Antigens To Serologically Differentiate Zika Virus Infection from Dengue Virus Infection. J Clin Microbiol. 22;56(3). pii: e01504-17. doi: 10.1128/JCM.01504-17, 2018.
25. Vieira FT, Acosta ICL, Martins TF, Filho JM, Krawczak FDS, Barbieri ARM, Egert L, Fernandes DR, Braga FR, Labruna MB, **Dietze R**. Tick-borne infections in dogs and horses in the state of Espírito Santo, Southeast Brazil. Vet Parasitol. 15;249:43-48. doi: 10.1016/j.vetpar.2017.11.005, 2018.
26. Dorman SE, Schumacher SG, Alland D, Nabeta P, Armstrong DT, King B, Hall SL, Chakravorty S, Cirillo DM, Tukvadze N, Bablishvili N, Stevens W, Scott L, Rodrigues C, Kazi MI, Joloba M, Nakiyingi L, Nicol MP, Ghebrekristos Y, Anyango I, Murithi W, **Dietze R**, Lyrio Peres R, Skrahina A, Auchynka V, Chopra KK, Hanif M, Liu X, Yuan X, Boehme CC, Ellner JJ, Denkinge CM; study teamXpert. MTB/RIF Ultra for detection of Mycobacterium tuberculosis and rifampicin resistance: a prospective multicentre diagnostic accuracy study. Lancet Infect Dis. 18(1):76-84. doi: 10.1016/S1473-3099(17)30691-6, 2018.
27. Acuña-Villaorduña C, Jones-López EC, Fregona G, Marques-Rodrigues P, Gaeddert M, Geadas C, Hadad DJ, White LF, Pereira Dutra Molina L, Vinhas S, Ribeiro-Rodrigues R, Salgame P, Palaci M, Alland D, Ellner JJ, **Dietze R**. Intensity of exposure to pulmonary tuberculosis determines risk of tuberculosis infection and disease. Eur Respir J. 51(1):1701578, 2018.
28. Vieira FT, Acosta ICL, Martins TF, Filho JM, Krawczak FDS, Barbieri ARM, Egert L, Fernandes DR, Braga FR, Labruna MB, **Dietze R**. Tick-borne infections in dogs and horses in the state of Espírito Santo, Southeast Brazil. Vet Parasitol. 15;249:43-48, 2018.



29. Jones-López EC, Acuña-Villaorduña C, Fregona G, Marques-Rodrigues P, White LF, Hadad DJ, Dutra-Molina LP, Vinhas S, McIntosh AI, Gaeddert M, Ribeiro-Rodrigues R, Salgame P, Palaci M, Alland D, Ellner JJ, **Dietze R**. Incident Mycobacterium tuberculosis infection in household contacts of infectious tuberculosis patients in Brazil. *BMC Infect Dis*. 17(1):576, 2017.
30. Vinhas SA, Jones-López EC, Ribeiro Rodrigues R, Gaeddert M, Peres RL, Marques-Rodrigues P, de Aguiar PPL, White LF, Alland D, Salgame P, Hom D, Ellner JJ, **Dietze R**, Collins LF, Shashkina E, Kreiswirth B, Palaci M. Strains of Mycobacterium tuberculosis transmitting infection in Brazilian households and those associated with community transmission of tuberculosis. *Tuberculosis (Edinb)* 104:79-86, 2017.
31. McIntosh AI, Doros G, Jones-López EC, Gaeddert M, Jenkins HE, Marques-Rodrigues P, Ellner JJ, **Dietze R**, White LF. Extensions to Bayesian generalized linear mixed effects models for household tuberculosis transmission. *Stat Med* 36(16):2522-2532. doi: 10.1002/sim.7303. Epub 2017.
32. Shenai S, Armstrong DT, Valli E, Dolinger DL, Nakiyingi L, **Dietze R**, Dalcolmo MP, Nicol MP, Zemanay W, Manabe Y, Hadad DJ, Marques-Rodrigues P, Palaci M, Peres RL, Gaeddert M, Armakovitch S, Nonyane BA, Denkinger CM, Banada P, Joloba ML, Ellner J, Boehme C, Alland D, Dorman SE. Analytical and Clinical Evaluation of the Epistem Genedrive Assay for Detection of Mycobacterium tuberculosis. *J Clin Microbiol*. 54(4):1051-7, 2016
33. Madico G, Mpeirwe M, White L, Vinhas S, Orr B, Orikiriza P, Miller NS, Gaeddert M, Mwanga-Amumpaire J, Palaci M, Kreiswirth B, Straight J, **Dietze R**, Boum Y 2nd, Jones-López EC. Detection and Quantification of Mycobacterium tuberculosis in the Sputum of Culture-Negative HIV-infected Pulmonary Tuberculosis Suspects: A Proof-of-Concept Study. *PLoS One*. 11(7):e0158371, 2016.
34. Sarnáglia GD, Covre LP, Pereira FE, DE Matos Guedes HL, Faria AM, **Dietze R**, Rodrigues RR, Maioli TU, Gomes DC. Diet-induced obesity promotes systemic inflammation and increased susceptibility to murine visceral leishmaniasis. *Parasitology*. 143(12):1647-55, 2016.
35. Hadinegoro SR, Arredondo-García JL, Capeding MR, Deseda C, Chotpitayasunondh T, **Dietze R**, Muhammad Ismail HI, Reynales H, Limkittikul K, Rivera-Medina DM, Tran HN, Bouckennooghe A, Chansinghakul D, Cortés M, Fanouillere K, Forrat R, Frago C, Gailhardou S, Jackson N, Noriega F, Plennevaux E, Wartel TA, Zambrano B, Saville M. CYD-TDV Dengue Vaccine Working Group. Efficacy and Long-Term Safety of a Dengue Vaccine in Regions of Endemic Disease. *N Engl J Med* 373(13):1195-206, 2015.
36. Dayan G Arredondo JL, Carrasquilla G, Deseda CC, **Dietze R**, Luz K, Costa MS, Cunha RV, Rey LC, Morales J, Reynales H, Miranda M, Zambrano B, Rivas E, Garbes P, Noriega F. Prospective cohort study with active surveillance for fever in four dengue endemic countries in Latin America. *Am J Trop Med Hyg*. 93(1):18-23, 2015.
37. Villar L, Dayan GH, Arredondo-García JL, Rivera DM, Cunha R Deseda C, Reynales H, Costa MS, Morales-Ramírez JO, Carrasquilla G, Rey LC, **Dietze R**, Luz K, Rivas E, Miranda Montoya MC, Cortés Supelano M, Zambrano B, Langevin E, Boaz M, Tornieporth N, Saville M, Noriega F; CYD15 Study Group. Efficacy of a tetravalent dengue vaccine in children in Latin America. *N Engl J Med*. 372(2):113-23, 2015.

38. Carnielli JB, de Andrade HM, Pires SF, Chapeaurouge AD, Perales J, Monti-Rocha R, Carvalho SF, Ribeiro LP, **Dietze R**, Figueiredo SG, Lemos EM. Proteomic analysis of the soluble proteomes of miltefosine-sensitive and -resistant Leishmania infantum chagasi isolates obtained from Brazilian patients with different treatment outcomes. J Proteomics. 108:198-208, 2014.
39. Jones-López E, Manabe YC, Palaci M, Kayiza C, Armstrong D, Nakiyingi L, Ssengooba W, Gaeddert M, Kubiak R, Almeida Júnior P, Alland D, **Dietze R**, Joloba M, Ellner JJ, Dorman SE. Prospective cross-sectional evaluation of the small membrane filtration method for diagnosis of pulmonary tuberculosis. J Clin Microbiol 52(7):2513-20, 2014
40. Jones-López EC, Kim S, Fregona G, Marques-Rodrigues P, Hadad DJ, Molina LP, Vinhas S, Reilly N, Moine S, Chakravorty S, Gaeddert M, Ribeiro-Rodrigues R, Salgame P, Palaci M, Alland D, Ellner JJ, **Dietze R**. Importance of cough and M. tuberculosis strain type as risks for increased transmission within households. PLoS One 9(7):e100984, 2014
41. Ribeiro-Rodrigues R, Kim S, Coelho da Silva FD, Uzelac A, Collins L, Palaci M, Alland D, **Dietze R**, Ellner JJ, Jones-López E, Salgame P. Discordance of tuberculin skin test and interferon gamma release assay in recently exposed household contacts of pulmonary TB cases in Brazil. PLoS One. 2014 May 12;9(5):e96564.
42. Dayan GH1, Garbes P, Noriega F, Izoton de Sadovsky AD, Rodrigues PM, Giuberti C, **Dietze R**. Immunogenicity and safety of a recombinant tetravalent dengue vaccine in children and adolescents ages 9-16 years in Brazil. Am J Trop Med Hyg. 89:1058-65, 2013.
43. Palaci M, Perez RL, Maia R, Cunha, EAT, Ribeiro MO, Lecco R, De Souza Riberiro C, Ferro e Silva A RR, Vinhas, SA, **Dietze R**, Vianna S, De Moraes, CGV. Contribution of the Ogawa-Kudoh swab culture method to the diagnosis of pulmonary tuberculosis in Brazil. The International Journal of Tuberculosis and Lung Disease. 17:782-786, 2013.
44. Quinco P, Buhner-Sekula S, Brandao W, Monte R., Leopoldina SS, Saraceni,V, Palaci M, **Dietze R**, Cordeiro-Santos M. Increased Sensitivity in the Diagnosis of Tuberculosis in HIV- positive Patients through Small Membrane Filter Method of Microscopy. J Clin Microbiol. 51:2921-5, 2013
45. Vinhas SA, Palaci M, Marques HS, Lobo de Aguiar PP, Ribeiro FK, Peres RL, **Dietze R**, Gomes HM, Suffys PN, Golub JE, Riley LW, Maciel EL. Mycobacterium tuberculosis DNA fingerprint clusters and its relationship with RD (Rio) genotype in Brazil. Tuberculosis (Edinb) 93(2):207-12, 2013.
46. Maciel EL, Brioschi AP, Peres RL, Guidoni LM, Ribeiro FK, Hadad DJ, Vinhas SA, Zandonade E, Palaci M, **Dietze R**, Johnson JL. Smoking and 2-month culture conversion during anti-tuberculosis treatment. The International Journal of Tuberculosis and Lung Disease 17:225-228, 2013.
47. Santana SS, Silva DA, Vaz LD, Pirovani CP, Barros GB, Lemos EM, **Dietze R**, Mineo JR, Cunha-Junior JP. Analysis of IgG subclasses (IgG1 and IgG3) to recombinant SAG2A protein from Toxoplasma gondii in sequential serum samples from patients with toxoplasmosis. Immunology Letters. 143:193 -201, 2012.
48. Hadad DJ, Moraes CG, Vinhas SA, Fennelly KP, **Dietze R**, Nascimento CP, Palaci M. Evaluation of Processing Methods to Equitably Aliquot Sputa for Mycobacterial Testing. J. Clin. Microbiol. 50:1440-1442, 2012.

49. Tonini MA, Lemos EM, Reis AB, Vital WC, Dias ES, **Dietze R**. First description of autochthonous canine visceral leishmaniasis in the metropolitan region of Vitória, State of Espírito Santo, Brazil. Rev. Soc. Bras. Med. Trop. 45: 754-756, 2012.
50. Segatto M, Ribeiro LS, Costa DL, Costa CH, Oliveira MR, Carvalho SF, Macedo AM, Valadares HM, **Dietze R**, Brito CF, Lemos EM. Genetic diversity of Leishmania infantum field populations from Brazil. Mem Inst Oswaldo Cruz 107(1):39-47, 2012
51. Silva-dos-Santos PP, Barros GB, Mineo JR, de Oliveira Silva DA, Menegaz MH, Serufo JC, **Dietze R**, Martins-Filho OA, Lemos EM. Flow cytometry-based algorithm to analyze the anti-fixed Toxoplasma gondii tachyzoites IgM and IgG reactivity and diagnose human acute toxoplasmosis. Journal of Immunological Methods. 378: 33-43, 2012.
52. D Pinto Ide S, Ferreira AL, Valim V, Carvalho Fdos S, da Silva GM, Falcão AL, **Dietze R**, Falqueto. Sandfly vectors (Diptera, Psychodidae) of American visceral leishmaniasis areas in the Atlantic Forest, State of Espírito Santo, southeastern Brazil. Journal of Vector Ecology. 37:90-96, 2012.
53. Fennelly KP, Morais CG, Hadad DJ, Vinhas S, **Dietze R**, Palaci M. The Small Membrane Filter Method of Microscopy to Diagnose Pulmonary Tuberculosis. Journal of Clinical Microbiology 50(6):2096-9, 2012.
54. Bark CM, **Dietze R**, Okwera A, Quelapio MI, Thiel BA, Johnson JL. Clinical symptoms and microbiological outcomes in tuberculosis treatment trials. Tuberculosis (Edinb) 91(6):601-4, 2011
55. Peres RL, Palaci M, Loureiro RB, Dietze R, Johnson JL, Golub JE, Ruffino-Netto A, Maciel EL. Evaluation of oral antiseptic rinsing before sputum collection to reduce contamination of mycobacterial cultures. J Clin Microbiol 49(8):3058-60, 2011.
56. Miranda AE, **Dietze R**, Maciel EL, Prado TN, Caus AL, Silva MM, Golub JE. Tuberculosis and AIDS co-morbidity in children: linkage of databases from Espírito Santo State, Brazil. J Trop Pediatr 57(4):296-8, 2011.
57. Prado TN, Wada N, Guidoni LM, Golub JE, **Dietze R**, Maciel EL. Cost-effectiveness of community health worker versus home-based guardians for directly observed treatment of tuberculosis in Vitória, Espírito Santo State, Brazil. Cad Saude Publica 27(5):944-52, 2011.
58. Sesana AM, Monti-Rocha R, Vinhas SA, Morais CG, **Dietze R**, Lemos EM. In vitro activity of amphotericin B coxleates against Leishmania chagasi. Mem Inst Oswaldo Cruz. 106(2):251-3, 2011.
59. Chrusciak-Talhari A, **Dietze R**, Chrusciak Talhari C, da Silva RM, Gadelha Yamashita EP, de Oliveira Penna G, Lima Machado PR, Talhari S. Randomized controlled clinical trial to assess efficacy and safety of miltefosine in the treatment of cutaneous leishmaniasis Caused by Leishmania (Viannia) guyanensis in Manaus, Brazil. Am J Trop Med Hyg 84(2):255-60, 2011.
60. Peres RL, Palaci M, Loureiro RB, **Dietze R**, Johnson JL, Maciel EL. Reduction of contamination of mycobacterial growth indicator tubes using increased PANTA concentration. Int J Tuberc Lung Dis 15(2):281-3, 2011.

61. Maciel EL, Peres RL, do Prado TN, Macedo CR, Palaci M, Vinhas SA, **Dietze R**, Johnson JL, Struchiner CJ. Saline nebulization before gastric lavage in the diagnosis of pulmonary tuberculosis in children and adolescents. J Trop Pediatr 56(6):458-9, 2010.
62. Maciel EL, Pan W, **Dietze R**, Peres RL, Vinhas SA, Ribeiro FK, Palaci M, Rodrigues RR, Zandonade E, Golub JE. Spatial patterns of pulmonary tuberculosis incidence and their relationship to socio-economic status in Vitoria, Brazil. Int J Tuberc Lung Dis 14(11):1395-402, 2010.
63. Maciel EL, Golub JE, Peres RL, Hadad DJ, Fávero JL, Molino LP, Bae JW, Moreira CM, Detoni Vdo V, Vinhas SA, Palaci M, **Dietze R**. Delay in diagnosis of pulmonary tuberculosis at a primary health clinic in Vitoria, Brazil. Int J Tuberc Lung Dis 14(11):1403-10, 2010.
64. Gomes IT, Carvalho SF, Rocha RD, Peruhype-Magalhães V, **Dietze R**, Martins-Filho OA, Lemos EM. Anti-Leishmania chagasi immunoglobulin G3 detected by flow cytometry for early cure assessment in American visceral leishmaniasis. J Immunol Methods 360(1-2):76-83, 2010.
65. Diniz LM, Magalhães EF, Pereira FE, **Dietze R**, Ribeiro-Rodrigues R. Presence of intestinal helminths decreases T helper type 1 responses in tuberculoid leprosy patients and may increase the risk for multi-bacillary leprosy. Clin Exp Immunol 161(1):142-50, 2010.
66. Maciel EL, Guidoni LM, Brioshi AP, do Prado TN, Fregona G, Hadad DJ, Molino LP, Palaci M, Johnson JL, **Dietze R**. Household members and health care workers as supervisors of tuberculosis treatment. Rev Saude Publica 44(2):339-43, 2010.
67. Maciel EL, Guidoni LM, Favero JL, Hadad DJ, Molino LP, Johnson JL, **Dietze R**. Adverse effects of the new tuberculosis treatment regimen recommended by the Brazilian Ministry of Health. J Bras Pneumol 36(2):232-8, 2010.
68. Li L, Mahan CS, Palaci M, Horter L, Loeffelholz L, Johnson JL, **Dietze R**, Debanne SM, Joloba ML, Okwera A, Boom WH, Eisenach KD. Sputum Mycobacterium tuberculosis mRNA as a marker of bacteriologic clearance in response to antituberculosis therapy. J Clin Microbiol. 48(1):46-51, 2010.
69. Peres RL, Maciel EL, Morais CG, Ribeiro FC, Vinhas SA, Pinheiro C, **Dietze R**, Johnson JL, Eisenach K, Palaci M. Comparison of two concentrations of NALC-NaOH for decontamination of sputum for mycobacterial culture. Int J Tuberc Lung Dis 13(12):1572-5, 2010.
70. Conde MB, Melo FA, Marques AM, Cardoso NC, Pinheiro VG, Dalcin Pde T, Machado Junior A, Lemos AC, Netto AR, Durovni B, Sant'Anna CC, Lima D, Capone D, Barreira D, Matos ED, Mello FC, David FC, Marsico G, Afiune JB, Silva JR, Jamal LF, Telles MA, Hirata MH, Dalcolmo MP, Rabahi MF, Cailleaux-Cesar M, Palaci M, Morrone N, Guerra RL, **Dietze R**, Miranda SS, Cavalcante SC, Nogueira SA, Nonato TS, Martire T, Galesi VM, Dettoni Vdo V. BTA Guidelines on Tuberculosis Work Group. III Brazilian Thoracic Association Guidelines on tuberculosis. J Bras Pneumol 35(10):1018-48. Review, 2009.
71. Garcia LM, Coelho-Dos-Reis JG, Peruhype-Magalhães V, Teixeira-Carvalho A, Rocha RD, Araújo MS, Gomes IT, Carvalho SF, **Dietze R**, Lemos EM, Andrade MC, Martins-Filho OA. Anti-fixed Leishmania chagasi promastigotes IgG antibodies detected by flow cytometry (FC-AFPA-IgG) as a tool for serodiagnosis and for post-therapeutic cure assessment in American visceral leishmaniasis. J Immunol Methods 350(1-2):36-45, 2009.

72. Chrusciak-Talhari A, Ribeiro-Rodrigues R, Talhari C, Silva RM Jr, Ferreira LC, Botileiro SF, Santos LO, **Dietze R**, Talhari S. Tegumentary leishmaniasis as the cause of immune reconstitution inflammatory syndrome in a patient co-infected with human immunodeficiency virus and Leishmania guyanensis. Am J Trop Med Hyg 81(4):559-64, 2009.
73. Maciel EL, de Araújo WK, Giacomini SS, de Jesus FA, Rodrigues PM, **Dietze R**. Knowledge about tuberculosis by doctors and nurses, who work in the Family Health Strategy in the city of Vitória, Espírito Santo State: a cross-sectional study. Cien Saude Colet 14 Suppl 1:1395-402, 2009.
74. Maciel EL, Brioschi AP, Guidoni LM, Cerqueira AC, Prado TN, Fregona G, **Dietze R**. Factors associated with nonadherence to TB chemoprophylaxis in Vitória, Brazil: a historical cohort study. J Bras Pneumol 35(9):884-91, 2009.
75. McGee B, **Dietze R**, Hadad DJ, Molino LP, Maciel EL, Boom WH, Palaci M, Johnson JL, Peloquin CA. Population pharmacokinetics of linezolid in adults with pulmonary tuberculosis. Antimicrob Agents Chemother 53(9):3981-4, 2009.
76. Johnson JL, Hadad DJ, **Dietze R**, Maciel EL, Sewali B, Gitta P, Okwera A, Mugerwa RD, Alcaneses MR, Quelapio MI, Tupasi TE, Horter L, Debanne SM, Eisenach KD, Boom WH. Shortening treatment in adults with non cavitary tuberculosis and 2-month culture conversion. Am J Respir Crit Care Med 180(6):558-63, 2009.
77. Miranda AE, Filho ER, Trindade CR, Gouvêa GM, Costa DM, Ge Oliveira T, França LC, **Dietze R**. Prevalence of syphilis and HIV using rapid tests among parturients attended in public maternity hospitals in Vitória, State of Espírito Santo. Rev Soc Bras Med Trop 42(4):386-91, 2009.
78. Ribeiro FK, Lemos EM, Hadad DJ, Leão SC, Viana-Niero C, **Dietze R**, Johnson JL, Eisenach KD, Palaci M. Evaluation of low-colony-number counts of Mycobacterium tuberculosis on solid media as a microbiological marker of cross-contamination. J Clin Microbiol 47(6):1950-2, 2009.
79. Maciel EL, Prado TN, Peres RL, Palaci M, Johnson JL, **Dietze R**. Guided sputum sample collection and culture contamination rates in the diagnosis of pulmonary TB. J Bras Pneumol. 35(5):460-3, 2009.
80. Miranda AE, Golub JE, Lucena Fde F, Maciel EN, Gurgel Mde F, **Dietze R**. Tuberculosis and AIDS co-morbidity in Brazil: linkage of the tuberculosis and AIDS databases. Braz J Infect Dis. 13(2):137-41, 2009.
81. Maciel EL, Vieira LW, Molina LP, Alves R, Prado TN, **Dietze R**. Juvenile household contacts aged 15 or younger of patients with pulmonary TB in the greater metropolitan area of Vitória, Brazil: a cohort study. J Bras Pneumol 35(4):359-66, 2009.
82. Rodrigues PM, Moreira TR, Moraes AK, Vieira Rda C, **Dietze R**, Lima Rde C, Maciel EL. Mycobacterium tuberculosis infection among community health workers involved in TB control. J Bras Pneumol 35(4):351-8, 2009.
83. Miranda AE, Merçon-de-Vargas PR, Corbett CE, Corbett JF, **Dietze R**. Perspectives on sexual and reproductive health among women in an ancient mining area in Brazil. Rev Panam Salud Publica 25(2):157-61, 2009.

84. Maciel EL, Prado TN, Fávero JL, Moreira TR, **Dietze R**. Tuberculosis in health professionals: a new perspective on an old problem. J Bras Pneumol 35(1):83-90, 2009.
85. **Dietze R**, Hadad DJ, McGee B, Molino LP, Maciel EL, Peloquin CA, Johnson DF, Debanne SM, Eisenach K, Boom WH, Palaci M, Johnson JL. Early and extended early bactericidal activity of linezolid in pulmonary tuberculosis. Am J Respir Crit Care Med 178(11):1180-5, 2008.
86. Lemos EM, Laurenti MD, Moreira MA, Reis AB, Giunchetti RC, Raychaudhuri S, **Dietze R**. Canine visceral leishmaniasis: performance of a rapid diagnostic test (Kalazar Detect) in dogs with and without signs of the disease. Acta Trop 107(2):205-7, 2008.
87. do Prado TN, Galavote HS, Brioshi AP, Lacerda T, Fregona G, Detoni Vdo V, Lima Rde C, **Dietze R**, Maciel EL. Epidemiological profile of tuberculosis cases reported among health care workers at the University Hospital in Vitória, Brazil. J Bras Pneumol 34(8):607-13, 2008.
88. Maciel EL, Silva AP, Meireles W, Fiorotti K, Hadad DJ, **Dietze R**. Directly observed therapy using home-based supervisors for treating tuberculosis in Vitória, Brazil. J Bras Pneumol 34(7):506-13, 2008.
89. Pissinate JF, Gomes IT, Peruhype-Magalhães V, **Dietze R**, Martins-Filho OA, Lemos EM. Upgrading the flow-cytometric analysis of anti-Leishmania immunoglobulins for the diagnosis of American Tegumentary Leishmaniasis. J Immunol Methods 336(2):193-202, 2008.
90. Gouveia AC, Eisenach KD, Vinhas SA, Ribeiro FK, Peres RL, **Dietze R**, Hadad DJ, Palaci M. Use of in-house PCR for identification of Mycobacterium tuberculosis in BACTEC broth cultures of respiratory specimens. Mem Inst Oswaldo Cruz 103(4):386-91, 2008.
91. Maciel EL, **Dietze R**, Lyrio RP, Vinhas SA, Palaci M, Rodrigues RR, Struchiner CJ. Accuracy of inpatient and outpatient gastric lavage in the diagnosis of pulmonary tuberculosis in children. J Bras Pneumol 34(6):404-11, 2008.
92. Maciel EL, Vieira Rda C, Milani EC, Brasil M, Fregona G, **Dietze R**. Community health workers and tuberculosis control: knowledge and perceptions. Cad Saude Publica 24(6):1377-86, 2008.
93. Gomes-Silva A, Souza MA, Afonso-Cardoso SR, Andrade LR, **Dietze R**, Lemos E, Belli A, Favoreto Júnior S, Ferreira MS. Serological reactivity of different antigenic preparations of Leishmania (Leishmania) amazonensis and the Leishmania braziliensis complex. Rev Soc Bras Med Trop 41(2):135-41, 2008.
94. Peloquin CA, Hadad DJ, Molino LP, Palaci M, Boom WH, **Dietze R**, Johnson JL. Population pharmacokinetics of levofloxacin, gatifloxacin, and moxifloxacin in adults with pulmonary tuberculosis. Antimicrob Agents Chemother 52(3):852-7, 2008.
95. Maciel EL, **Dietze R**, Silva RE, Hadad DJ, Struchiner CJ. Evaluation of a scoring system recommended by the Brazilian Ministry of Health for the diagnosis of childhood tuberculosis. Cad Saude Publica 24(2):402-8, 2008.
96. Vieira Rda C, Prado TN, Siqueira MG, **Dietze R**, Maciel EL. Spatial distribution of new tuberculosis cases in Vitória, State of Espírito Santo, between 2000 and 2005. Rev Soc Bras Med Trop 41(1):82-6, 2008.

97. Palaci M, **Dietze R**, Hadad DJ, Ribeiro FK, Peres RL, Vinhas SA, Maciel EL, do Valle Dettoni V, Horter L, Boom WH, Johnson JL, Eisenach KD. Cavitary disease and quantitative sputum bacillary load in cases of pulmonary tuberculosis. J Clin Microbiol 45(12):4064-6, 2007.
98. Pinto H Jr, Bica CG, Palaci M, **Dietze R**, Basso LA, Santos DS. Using polymerase chain reaction with primers based on the plcB-plcC intergenic region to detect Mycobacterium tuberculosis in clinical samples. J Bras Pneumol 33(4):437-42, 2007.
99. Maciel EL, Meireles W, Silva AP, Fiorotti K, **Dietze R**. Nosocomial Mycobacterium tuberculosis transmission among healthcare students in a high incidence region, in Vitória, State of Espírito Santo. Rev Soc Bras Med Trop 40(4):397-9, 2007.
100. Lemos EM, Gomes IT, Carvalho SF, Rocha RD, Pissinate JF, Martins-Filho OA, **Dietze R**. Detection of anti-leishmania (Leishmania) chagasi immunoglobulin G by flow cytometry for cure assessment following chemotherapeutic treatment of American visceral leishmaniasis. Clin Vaccine Immunol 14(5):569-76, 2007.
101. Resende Co T, Hirsch CS, Toossi Z, **Dietze R**, Ribeiro-Rodrigues R. Intestinal helminth co-infection has a negative impact on both anti-Mycobacterium tuberculosis immunity and clinical response to tuberculosis therapy. Clin Exp Immunol 147(1):45-52, 2007.
102. Cabral VP, Cunha CB, Magalhaes EF, Pinto-Neto LF, Couto-Fernandez JC, **Dietze R**, Morgado MG, Ribeiro-Rodrigues R. Human immunodeficiency virus type-1 subtypes of infected patients in Espírito Santo, Brazil. Mem Inst Oswaldo Cruz 101(8):881-5, 2006.
103. Johnson JL, Hadad DJ, Boom WH, Daley CL, Peloquin CA, Eisenach KD, Jankus DD, Debanne SM, Charlebois ED, Maciel E, Palaci M, **Dietze R**. Early and extended early bactericidal activity of levofloxacin, gatifloxacin and moxifloxacin in pulmonary tuberculosis. Int J Tuberc Lung Dis 10(6):605-12, 2006.
104. Ribeiro-Rodrigues R, Resende Co T, Rojas R, Toossi Z, **Dietze R**, Boom WH, Maciel E, Hirsch CS. A role for CD4+CD25+ T cells in regulation of the immune response during human tuberculosis. Clin Exp Immunol 144(1):25-34, 2006.
105. Maciel EL, Viana MC, Zeitoune RC, Ferreira I, Fregona G, **Dietze R**. Prevalence and incidence of Mycobacterium tuberculosis infection in nursing students in Vitória, Espírito Santo. Rev Soc Bras Med Trop 38(6):469-72, 2005.
106. Ribeiro FK, Dettoni Vdo V, Peres RL, Vinhas SA, Có TR, **Dietze R**, Palaci M. Evaluation of a commercial test based on ligase chain reaction for direct detection of Mycobacterium tuberculosis in respiratory specimens. Rev Soc Bras Med Trop 37(6):431-5, 2004.
107. Chapman SW, Pappas P, Kauffmann C, Smith EB, **Dietze R**, Tiraboschi-Foss N, Restrepo A, Bustamante AB, Opper C, Emady-Azar S, Bakshi R. Comparative evaluation of the efficacy and safety of two doses of terbinafine (500 and 1000 mg day(-1)) in the treatment of cutaneous or lymphocutaneous sporotrichosis. Mycoses 47(1-2):62-8, 2004.
108. Oliveira JS, Sousa EH, Basso LA, Palaci M, **Dietze R**, Santos DS, Moreira IS. An inorganic iron complex that inhibits wild-type and an isoniazid-resistant mutant 2-trans-enoyl-ACP (CoA) reductase from Mycobacterium tuberculosis. Chem Commun (Camb) 3:312-3, 2004.

109. Pinto Neto LF, Vieira NF, Soprani M, Cunha CB, Cabral VP, **Dietze R**, Ribeiro-Rodrigues R. Longitudinal comparison between plasma and seminal HIV-1 viral loads during antiretroviral treatment. Rev Soc Bras Med Trop 36(6):689-94, 2003.
110. Hodgkinson VH, Birungi J, Quintana M, **Dietze R**, Munstermann LE. Mitochondrial cytochrome b variation in populations of the visceral leishmaniasis vector Lutzomyia longipalpis across eastern Brazil. Am J Trop Med Hyg 69(4):386-92, 2003.
111. Carvalho SF, Lemos EM, Corey R, **Dietze R**. Performance of recombinant K39 antigen in the diagnosis of Brazilian visceral leishmaniasis. Am J Trop Med Hyg 68(3):321-4, 2003.
112. Ribeiro-Rodrigues R, Ferreira da Silva Pinto Neto L, Cunha CB, Cabral VP, **Dietze R**. Performance characteristics of a rapid new immunochromatographic test for detection of antibodies to human immunodeficiency virus. Clin Diagn Lab Immunol 10(2):303-7, 2003.
113. Lemos EM, Carvalho SF, Corey R, **Dietze R**. Evaluation of a rapid test using recombinant k39 antigen in the diagnosis of visceral leishmaniasis in Brazil. Rev Soc Bras Med Trop 36 Suppl 2:36-8, 2003.
114. Wallis RS, Vinhas SA, Johnson JL, Ribeiro FC, Palaci M, Peres RL, Sá RT, **Dietze R**, Chiunda A, Eisenach K, Ellner JJ. Whole blood bactericidal activity during treatment of pulmonary tuberculosis. J Infect Dis 187(2):270-8, 2003.
115. Checon RE, Siqueira MM, Lugon AK, Portes S, **Dietze R**. Short report: seasonal pattern of respiratory syncytial virus in a region with a tropical climate in southeastern Brazil. Am J Trop Med Hyg 67(5):490-1, 2002.
116. Tristão-Sá R, Ribeiro-Rodrigues R, Johnson LT, Pereira FE, **Dietze R**. Intestinal nematodes and pulmonary tuberculosis. Rev Soc Bras Med Trop 35(5):533-5, 2002.
117. Ribeiro-Rodrigues R, Resende Co T, Johnson JL, Ribeiro F, Palaci M, Sá RT, Maciel EL, Pereira Lima FE, Dettoni V, Toossi Z, Boom WH, **Dietze R**, Ellner JJ, Hirsch CS. Sputum cytokine levels in patients with pulmonary tuberculosis as early markers of mycobacterial clearance. Clin Diagn Lab Immunol 9(4):818-23, 2002.
118. Pinto-Neto LF, Vieira NF, Soprani M, Cunha CB, **Dietze R**, Ribeiro-Rodrigues R. Lack of correlation between seminal and plasma HIV-1 viral loads is associated with CD4 T cell depletion in therapy-naïve HIV-1+ patients. Mem Inst Oswaldo Cruz 97(4):563-7, 2002.
119. Diniz LM, Zandonade E, **Dietze R**, Pereira FE, Ribeiro-Rodrigues R. Short report: do intestinal nematodes increase the risk for multibacillary leprosy? Am J Trop Med Hyg 65(6):852-4, 2001.
120. **Dietze R**, Carvalho SF, Valli LC, Berman J, Brewer T, Milhous W, Sanchez J, Schuster B, Grogl M. Phase 2 trial of WR6026, an orally administered 8-aminoquinoline, in the treatment of visceral leishmaniasis caused by Leishmania chagasi. Am J Trop Med Hyg 65(6):685-9, 2001.
121. **Dietze R**, Teixeira L, Rocha LM, Palaci M, Johnson JL, Wells C, Rose L, Eisenach K, Ellner JJ. Safety and bactericidal activity of rifalazil in patients with pulmonary tuberculosis. Antimicrob Agents Chemother 45(7):1972-6, 2001.
122. Keller R, Zago A, Viana MC, Bourbouliou D, Desgranges C, Casseb J, Moura WV, **Dietze R**, Collandre H. HHV-8 infection in patients with AIDS-related Kaposi's sarcoma in Brazil. Braz J Med Biol Res 34(7):879-86, 2001.



123. Teixeira L, Perkins MD, Johnson JL, Keller R, Palaci M, do Valle Dettoni V, Canedo Rocha LM, Debanne S, Talbot E, **Dietze R**. Infection and disease among household contacts of patients with multidrug-resistant tuberculosis. *Int J Tuberc Lung Dis* 5(4):321-8, 2001.
124. Wallis RS, Palaci M, Vinhas S, Hise AG, Ribeiro FC, Landen K, Cheon SH, Song HY, Phillips M, **Dietze R**, Ellner JJ. A whole blood bactericidal assay for tuberculosis. *J Infect Dis* 183(8):1300-3, 2001.
125. Wallis RS, Phillips M, Johnson JL, Teixeira L, Rocha LM, Maciel E, Rose L, Wells C, Palaci M, **Dietze R**, Eisenach K, Ellner JJ. Inhibition of isoniazid-induced expression of Mycobacterium tuberculosis antigen 85 in sputum: potential surrogate marker in tuberculosis chemotherapy trials. *Antimicrob Agents Chemother* 45(4):1302-4, 2001.
126. Ribeiro MA, **Dietze R**, Paula CR, Da Matta DA, Colombo AL. Susceptibility profile of vaginal yeast isolates from Brazil. *Mycopathologia* 151(1):5-10, 2001.
127. Deps PD, Viana MC, Falqueto A, **Dietze R**. Comparative assessment of the efficacy and toxicity of N-methyl-glucamine and BP88 sodium stibogluconate in the treatment of localized cutaneous leishmaniasis. *Rev Soc Bras Med Trop* 33(6):535-43, 2000.
128. Zago A, Bourboulia D, Viana MC, Collandre H, **Dietze R**, Boshoff C, Keller R. Seroprevalence of human herpesvirus 8 and its association with Kaposi sarcoma in Brazil. *Sex Transm Dis* 27(8):468-72, 2000.
129. Wallis RS, Perkins MD, Phillips M, Joloba M, Namale A, Johnson JL, Whalen CC, Teixeira L, Demchuk B, **Dietze R**, Mugerwa RD, Eisenach K, Ellner JJ. Predicting the outcome of therapy for pulmonary tuberculosis. *Am J Respir Crit Care Med* 161(4 Pt 1):1076-80, 2000.
130. da Matta VL, Hoshino-Shimizu S, **Dietze R**, Corbett CE. Detection of specific antibody isotypes and subtypes before and after treatment of American visceral leishmaniasis. *J Clin Lab Anal* 14(1):5-12, 2000.
131. Valli LC, Passos VM, **Dietze R**, Callahan HL, Berman JD, Grogl M. Humoral immune responses among mucosal and cutaneous leishmaniasis patients caused by Leishmania braziliensis. *J Parasitol* 85(6):1076-83, 1999.
132. Wallis RS, Patil S, Cheon SH, Edmonds K, Phillips M, Perkins MD, Joloba M, Namale A, Johnson JL, Teixeira L, **Dietze R**, Siddiqi S, Mugerwa RD, Eisenach K, Ellner JJ. Drug tolerance in Mycobacterium tuberculosis. *Antimicrob Agents Chemother* 43(11):2600-6, 1999.
133. Valli LC, Kanamura HY, Da Silva RM, Ribeiro-Rodrigues R, **Dietze R**. Schistosomiasis mansoni: immunoblot analysis to diagnose and differentiate recent and chronic infection. *Am J Trop Med Hyg* 61(2):302-7, 1999.
134. Desjardin LE, Perkins MD, Wolski K, Haun S, Teixeira L, Chen Y, Johnson JL, Ellner JJ, **Dietze R**, Bates J, Cave MD, Eisenach KD. Measurement of sputum Mycobacterium tuberculosis messenger RNA as a surrogate for response to chemotherapy. *Am J Respir Crit Care Med* 160(1):203-10, 1999.
135. Berman J, **Dietze R**. Treatment of visceral leishmaniasis with amphotericin B colloidal dispersion. *Chemotherapy* 45 Suppl 1:54-66, Review, 1999.

136. Dietze R, Fowler VG Jr, Steiner TS, Pecanha PM, Corey GR. Failure of amphotericin B colloidal dispersion in the treatment of paracoccidioidomycosis. Am J Trop Med Hyg. 60(5):837-9, 1999.
137. Pilcher CD, Perkins MD, Fiscus SA, Johnston DM, Dietze R, Duque UH, Zago AM, Assad-Antunes F, Eron JJ. Genotypic resistance and the treatment of HIV-1 infection in Espírito Santo, Brazil. J Infect Dis 179(5):1259-63, 1999.
138. Wallis RS, Perkins M, Phillips M, Joloba M, Demchuk B, Namale A, Johnson JL, Williams D, Wolski K, Teixeira L, Dietze R, Mugerwa RD, Eisenach K, Ellner JJ. Induction of the antigen 85 complex of Mycobacterium tuberculosis in sputum: a determinant of outcome in pulmonary tuberculosis treatment. J Infect Dis 178(4):1115-21, 1988.
139. Dietze R, Barros GB, Teixeira L, Harris J, Michelson K, Falqueto A, Corey R. Effect of eliminating seropositive canines on the transmission of visceral leishmaniasis in Brazil. Clin Infect Dis 25(5):1240-2, 1997.
140. Araújo N, de Souza CP, Passos LK, Simpson AJ, Dias Neto E, Pereira TR, Cerutti Júnior C, de Alencar FE, Dietze R, Katz N. Susceptibility to chemotherapeutic agents of Schistosoma mansoni isolates from patients treated with oxamniquine and praziquantel and not cured. Rev Soc Bras Med Trop 29(5):467-76, 1996.
141. Dietze R, Falqueto A, Valli LC, Rodrigues TP, Boulos M, Corey R. Diagnosis of canine visceral leishmaniasis with a dot-enzyme-linked immunosorbent assay. Am J Trop Med Hyg. 53(1):40-2, 1995.
142. Abramson MA, Dietze R, Frucht DM, Schwantz R, Kenney RT. Comparison of New and Old World leishmanins in an endemic region of Brazil. Clin Infect Dis 20(5):1292-7, 1995.
143. Dietze R, Fagundes SM, Brito EF, Milan EP, Feitosa TF, Suassuna FA, Fonschiffrey G, Ksionski G, Dember J. Treatment of kala-azar in Brazil with Amphocil (amphotericin B cholesterol dispersion) for 5 days. Trans R Soc Trop Med Hyg 89(3):309-11, 1995.
144. Nuzum E, White F 3rd, Thakur C, Dietze R, Wages J, Grogl M, Berman J. Diagnosis of symptomatic visceral leishmaniasis by use of the polymerase chain reaction on patient blood. J Infect Dis 171(3):751-4, 1995.
145. Dietze R, Perkins M, Boulos M, Luz F, Reller B, Corey GR. The diagnosis of Plasmodium falciparum infection using a new antigen detection system. Am J Trop Med Hyg 52(1):45-9, 1995.
146. Dietze R, Milan EP, Berman JD, Grogl M, Falqueto A, Feitosa TF, Luz KG, Suassuna FA, Marinho LA, Ksionski G. Treatment of Brazilian kala-azar with a short course of amphocil (amphotericin B cholesterol dispersion). Clin Infect Dis 17(6):981-6, 1993.
147. Sexton DJ, Muniz M, Corey GR, Breitschwerdt EB, Hegarty BC, Dumler S, Walker DH, Pecanha PM, Dietze R. Brazilian spotted fever in Espírito Santo, Brazil: description of a focus of infection in a new endemic region. Am J Trop Med Hyg 49(2):222-6, 1993.
148. Dietze R. Cólera. Rev Bras Med 48:208-218, 1991.
149. Dietze R, Motti E, Timerman A. Vitamina C e Infecções Respiratórias. Rev Bras Clin Terap 16: 7-13, 1987.

150. Dietze R. Dengue. Rev Bras Clin Terapeutica 15:234-235, 1986.
151. Dietze R, Prata A. Low effectiveness of an oxamniquine and praziquantel combination in the therapy of schistosomiasis mansoni. Rev Soc Bras Med Trop 19(4):247-9, 1986.
152. Dietze R, Prata A. Rate of reversion of hepatosplenic schistosomiasis after specific therapy. Rev Soc Bras Med Trop 19(2):69-73, 1986.
153. McGreevy PB, Dietze R, Prata A, Hembree SC. Effects of immigration on the prevalence of malaria in rural areas of the Amazon basin of Brazil. Mem Inst Oswaldo Cruz. 1989 84(4):485-91, 1989.
154. Dietze R, Araújo RC, Lima MLR, Vexenat JA, Marsden PD, Barreto AC. Ensaio terapêutico com glucantime em sagüis (Callithrix jacchus) infectados com uma cepa de Leishmania donovani aparentemente resistente ao tratamento. Rev Soc Bras Med Trop 18 (1):43-45, 1985.
155. Bina JC, Andrade ZA, Dietze R, Prata A. A field study of proteinuria in individuals infected with Schistosoma mansoni. Rev Soc Bras Med Trop 18 (1):7-10, 1985.

#### Relevant Publications:

- ✚ Carnielli JBT, Crouch K, Forrester S, Silva VC, Carvalho SFG, Damasceno JD, Brown E, Dickens NJ, Costa DL, Costa CHN, Dietze R, Jeffares DC, Mottram JC. A Leishmania infantum genetic marker associated with miltefosine treatment failure for visceral leishmaniasis. EBioMedicine. 36:83-91. doi: 10.1016/j.ebiom.2018.09.029, 2018.

This paper identified a Leishmania infantum Miltefosine Sensitivity Locus. Human infections with strain that lack this locus have a higher chance to relapse after miltefosine treatment.

- ✚ Colangeli R, Jedrey H, Kim S, Connell R, Ma S, Chippada Venkata UD, Chakravorty S, Gupta A, Sizemore EE, Diem L, Sherman DR, Okwera A, Dietze R, Boom WH, Johnson JL, Mac Kenzie WR, Alland D; DMID 01-009/Tuberculosis Trials Consortium Study 22 Teams. Bacterial Factors That Predict Relapse after Tuberculosis Therapy. N Engl J Med. 30;379(9):823-833. doi: 10.1056/NEJMoa1715849, 2018.

This paper demonstrates that in pretreatment isolates of M. tuberculosis with decrements of MIC values of isoniazid or rifampin below standard resistance breakpoints, higher MIC values were associated with a greater risk of relapse than lower MIC values.

- ✚ Chrusciak-Talhari A, Dietze R, Chrusciak Talhari C, da Silva RM, Gadelha Yamashita EP, de Oliveira Penna G, Lima Machado PR, Talhari S. Randomized controlled clinical trial to assess efficacy and safety of miltefosine in the treatment of cutaneous leishmaniasis Caused by Leishmania (Viannia) guyanensis in Manaus, Brazil. Am J Trop Med Hyg 84(2):255-60, 2011.

This paper showed that miltefosine, the first antileishmania oral drug used to treat visceral leishmaniasis in India has also a good efficacy on the treatment of cutaneous leishmaniasis caused by *Leishmania (Viannia) guyanensis*.

- ✚ Johnson JL, Hadad DJ, Boom WH, Daley CL, Peloquin CA, Eisenach KD, Jankus DD, Debanne SM, Charlebois ED, Maciel E, Palaci M, **Dietze R**. Early and extended early bactericidal activity of levofloxacin, gatifloxacin and moxifloxacin in pulmonary tuberculosis. Int J Tuberc Lung Dis 10(6):605-12, 2006.

This paper defined that moxifloxacin had the best activity against *M. tuberculosis* among the three main quinolones.

- ✚ Teixeira L, Perkins MD, Johnson JL, Keller R, Palaci M, do Valle Dettoni V, Canedo Rocha LM, Debanne S, Talbot E, **Dietze R**. Infection and disease among household contacts of patients with multidrug-resistant tuberculosis. Int J Tuberc Lung Dis 5(4):321-8, 2001.

This paper showed that the transmission of MDR tuberculosis was not rare as previously thought.

- ✚ **Dietze R**, Barros GB, Teixeira L, Harris J, Michelson K, Falqueto A, Corey R. Effect of eliminating seropositive canines on the transmission of visceral leishmaniasis in Brazil. Clin Infect Dis 25(5):1240-2, 1997.

This paper showed that, in Brazil, the elimination of infected dogs, has no impact on the transmission of human visceral leishmaniasis.

- ✚ **Dietze R**, Fagundes SM, Brito EF, Milan EP, Feitosa TF, Suassuna FA, Fonschiffrey G, Ksionski G, Dember J. Treatment of kala-azar in Brazil with Amphocil (amphotericin B cholesterol dispersion) for 5 days. Trans R Soc Trop Med Hyg 89(3):309-11, 1995.

This paper was the first to show that Visceral Leishmaniasis could be treat with a short course therapy (5 days), with a new formulation of Amphotericin B entrapped in cholesterol molecules.

#### LANGUAGES

English - Fluent  
Spanish - Intermediate

Lisbon, 03 June, 2020



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