

Publicaciones de egresados, docentes e investigadores de la Facultad de Medicina de la Universidad de Antioquia

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LIBRO FUNDAMENTOS DE MEDICINA. Psiquiatría

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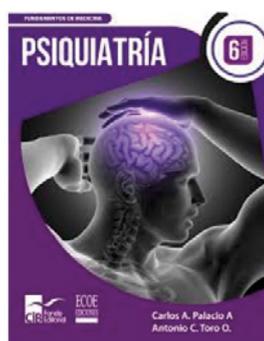
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Reseña

Esta nueva edición del libro **Psiquiatría** se encuentra completamente renovada, todos los capítulos



actualizados y complementado con criterios diagnósticos vigentes, también se actualizaron los tratamientos y fármacos usados en las diferentes enfermedades que afectan la salud mental de los pacientes.

Enriquecido con cuadros clínicos y autoevaluaciones al final de cada capítulo, para que los estudiantes de pregrado y los médicos generales puedan valorar sus conocimientos en las diferentes áreas.

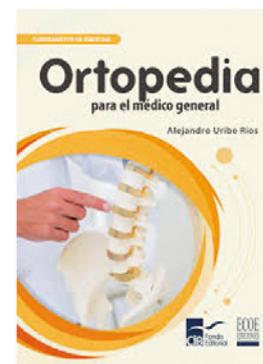
Contiene capítulos para realizar el enfoque desde la consulta externa, pero también contiene un capítulo dedicado a la atención en urgencias.

LIBRO FUNDAMENTOS DE MEDICINA. Ortopedia para el Médico General

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Reseña

El objetivo del libro es brindar conceptos básicos en el abordaje, diagnóstico y tratamiento de las patologías más comunes a las que se enfrentan los médicos en su práctica diaria. Realiza una revisión desde la fisiopatología de la enfermedad y enseña, a través de imágenes, las maniobras clínicas y ayudas diagnósticas para realizar un diagnóstico certero. También indica los tratamientos médicos y quirúrgicos de las diferentes afecciones.

Es un texto dirigido tanto a estudiantes de pregrado como a médicos generales, enfermos y encargados de la atención prehospitalaria.

ARTÍCULOS PUBLICADOS EN REVISTAS NACIONALES E INTERNACIONALES POR MIEMBROS DE LA UNIVERSIDAD DE ANTIOQUIA

Álvarez-Díaz DA, Gutiérrez-Díaz AA, Orozco-García E, Puerta-González A, Bermúdez-Santana CI, Gallego-Gómez JC. Dengue virus potentially promotes migratory responses on endothelial cells by enhancing promigratory soluble factors and miRNAs. *Virus Res.* 2019 Jan;259:68-76. DOI 10.1016/j.virusres.2018.10.018.

Castillo JA, Urcuqui-Inchima S. Mechanisms of monocyte cell death triggered by dengue virus infection. *Apoptosis.* 2018 Dec;23(11-12):576-86. DOI 10.1007/s10495-018-1488-1.

Atehortúa SC, Lugo LH, Ceballos M, Orozco E, Castro PA, Arango JC, et al. Cost-Effectiveness Analysis of Diagnosis of Duchenne/Becker Muscular Dystrophy in Colombia. *Value Health Reg Issues.* 2018 Mar 9;17:1-6. DOI 10.1016/j.vhri.2017.10.005.

Marín-Echeverri C, Aristizábal JC, Gallego-Lopera N, Santa-Ramírez HA, Hoyos-Gómez M, Ruiz-Pineda AM, et al. Cardiometabolic risk factors in preschool children with abdominal obesity from Medellín, Colombia. *J Pediatr Endocrinol Metab.* 2018 Nov;31(11):1179-89. DOI 10.1515/jpem-2018-0140.

Pons-Estel BA, Bonfa E, Soriano ER, Cardiel MH, Izcovich A, Popoff F, et al. First Latin American clinical

practice guidelines for the treatment of systemic lupus erythematosus: Latin American Group for the Study of Lupus (GLADEL, Grupo Latino Americano de Estudio del Lupus)-Pan-American League of Associations of Rheumatology (PANLAR). *Ann Rheum Dis.* 2018 Nov;77(11):1549-57. DOI 10.1136/annrheumdis-2018-213512.

Galvis-Ramírez MF, Quintana-Castillo JC, Bueno-Sanchez JC. Novel Insights Into the Role of Glycans in the Pathophysiology of Glomerular Endotheliosis in Preeclampsia. *Front Physiol.* 2018 Oct;9:1470. DOI 10.3389/fphys.2018.01470.

Flórez-Álvarez L, Hernandez JC, Zapata W. NK Cells in HIV-1 Infection: From Basic Science to Vaccine Strategies. *Front Immunol.* 2018 Oct;9:2290. DOI 10.3389/fimmu.

Florez AM, Suarez-Barrera MO, Morales GM, Rivera KV, Orduz S, Ochoa R, et al. Toxic Activity, Molecular Modeling and Docking Simulations of *Bacillus thuringiensis* Cry11 Toxin Variants Obtained via DNA Shuffling. *Front Microbiol.* 2018 Oct;9:2461. DOI 10.3389/fmicb.2018.02461.

Quintero Vélez JC, Aguirre-Acevedo DC, Rodas JD, Arboleda M, Troyo A, Vega Aguilar F, et al. Epidemiological characterization of incident cases of Rickettsia infection in rural areas of Urabá region, Colombia. *PLoS Negl Trop Dis.* 2018 Oct;12(10):e0006911. DOI 10.1371/journal.pntd.0006911.

E Silva KS, da S Neto BR, Zambuzzi-Carvalho PF, de Oliveira CM, Pires LB, Kato L, et al. Response of *Paracoccidioides lutzii* to the antifungal camphene thiosemicarbazide determined by proteomic analysis. *Future Microbiol.* 2018 Oct; 13:1473-96. DOI 10.2217/fmb-2018-0176.

Arango-Franco CA, Moncada-Vélez M, Beltrán CP, Berrío I, Mogollón C, Restrepo A, et al. Early-Onset Invasive Infection Due to *Corynespora cassiicola* Associated with Compound Heterozygous CARD9 Mutations in a Colombian Patient. *J Clin Immunol.* 2018 Oct; 38(7):794-803. DOI 10.1007/s10875-018-0549-0.

Higueta-Gutiérrez LF, Arango-Franco CA, Cardona-Arias JA. Causal association of antibiotic use and resistant tuberculosis infection: Casecontrol meta-analysis. *Rev Esp Salud Publica.* 2018 Sep; 92.

Valdés López JF, Urcuqui-Inchima S. Synergism between phorbol-12-myristate-13-acetate and vitamin D3 in the differentiation of U937 cells to monocytes and macrophages. *Morphologie*. 2018 Sep; 102(338):205-18. DOI 10.1016/j.morpho.2018.06.001.

Borja Romero H, Gil-Rojas Y, Senior JM, Castañeda-Cardona C, Rosselli D. Cost-effectiveness of the radial compared with the femoral approach in diagnostic and interventionist coronary angiography. *Rev Colomb Cardiol* 2018; 25(5):297-304.

Hersh AR, Muñoz LF, Rincón M, Álvarez C, Tolosa JE, Moreno DJ, et al. Video compared to conversational contraceptive counseling during labor and maternity hospitalization in Colombia: A randomized trial. *Contraception*. 2018 Sep; 98(3):210-4. DOI 10.1016/j.contraception.2018.05.004.

Wu S, Zhang M, Yang X, Peng F, Zhang J, Tan J, et al. Genome-wide association studies and CRISPR/Cas9-mediated gene editing identify regulatory variants influencing eyebrow thickness in humans. *PLoS Genet*. 2018 Sep; 14(9):e1007640. DOI 10.1371/journal.pgen.1007640.

Commons RJ, Simpson JA, Thriemer K, Humphreys GS, Abreha T, Alemu SG, et al. The effect of chloroquine dose and primaquine on *Plasmodium vivax* recurrence: a WorldWide Antimalarial Resistance Network systematic review and individual patient pooled meta-analysis. *Lancet Infect Dis*. 2018 Sep;18(9):1025-34. DOI 10.1016/S1473-3099(18)30348-7.

Gavina K, Gnidehou S, Arango E, Hamel-Martineau C, Mitran C, Agudelo O, et al. Clinical Outcomes of Submicroscopic Infections and Correlates of Protection of VAR2CSA Antibodies in a Longitudinal Study of Pregnant Women in Colombia. *Infect Immun*. 2018 Jul;86(8). pii: e00366-18. DOI 10.1128/IAI.00366-18.

López L, Vélez I, Asela C, Cruz C, Alves F, Robledo S, et al. A phase II study to evaluate the safety and efficacy of topical 3% amphotericin B cream (Anfoleish) for the treatment of uncomplicated cutaneous leishmaniasis in Colombia. *PLoS Negl Trop Dis*. 2018 Jul;12(7):e0006653. DOI 10.1371/journal.pntd.0006653.

Vásquez AM, Zuluaga L, Tobón A, Posada M, Vélez G, González JJ, et al. Diagnostic accuracy of loop-mediated isothermal amplification (LAMP) for screening

malaria in peripheral and placental blood samples from pregnant women in Colombia. *Malar J*. 2018 Jul; 17(1):262. DOI 10.1186/s12936-018-2403-5.

Martínez Jaramillo C, Trujillo-Vargas CM. LRBA in the endomembrane system. *Colomb Med (Cali)*. 2018 Sep; 49(3):236-43. DOI 10.25100/cm.v49i2.3802.

Gómez-Gómez MM, Osorio-Ramírez A, Díaz-Hernández DP. Training and professional identity in medical graduates. *Rev Fac Med*. 2018; 66(3):307-12.

Calle E, González LA, Muñoz CH, Jaramillo D, Vane-gas A, Vásquez G. Tuberculous sacroiliitis in a patient with systemic lupus erythematosus: a case report and literature review. *Lupus*. 2018 Jul; 27(8):1378-82. DOI 10.1177/0961203318762594.

Escobar DM, Restrepo JC, Hoyos S, Navas MC. Effect of alcohol consumption on diagnosis of liver cirrhosis patients' survival at a university hospital in Medellín. *Rev Colomb Gastroenterol* 2018; 33(3):221-7.

Pineda-Trujillo N, Rodríguez-Acevedo A, Rodríguez A, Ruiz-Linares A, Bedoya G, Rivera A, et al. RNASEH1 gene variants are associated with autoimmune type 1 diabetes in Colombia. *J Endocrinol Invest*. 2018 Jul; 41(7):755-764. doi:10.1007/s40618-017-0797-5.

Lenis C, Galiano A, Vélez I, Vélez ID, Muskus C, Marcilla A. Morphological and molecular characterization of *Paragonimus caliensis* Little, 1968 (Trematoda:Paragonimidae) from Medellín and Pichinde, Colombia. *Acta Trop*. 2018 Jul; 183:95-102. DOI 10.1016/j.actatropica.2018.03.024.

Román-González A, Cardona A, Gutiérrez J, Palacio A. Management of diabetes in hospitals. *Rev Fac Med* 2018; 66(3):385-92.

Quintero-Gil DC, Uribe-Yepes A, Ospina M, Díaz FJ, Martínez-Gutiérrez M. Differences in the replicative capacities of clinical isolates of dengue virus in C6/36 cells and in urban populations of *Aedes aegypti* from Colombia, South America. *Braz J Infect Dis*. 2018 Jul-Aug; 22(4):257-72. DOI 10.1016/j.bjid.2018.07.010.

Medina Orjuela A, Rosero Olarte Ó, Nel Rueda Plata P, Sánchez Escobar F, Chalem Choueka M, González Reyes MÁ, et al. Second Colombian Consensus on the Management of Post-menopausal Osteoporosis: 2017 Update. *Rev Colomb Reumatol*. 2018;25(3):184-210.

- Marín-Palma D, Castro GA, Cardona-Arias JA, Urcuqui-Inchima S, Hernandez JC. Lower High-Density Lipoproteins Levels During Human Immunodeficiency Virus Type 1 Infection Are Associated With Increased Inflammatory Markers and Disease Progression. *Front Immunol*. 2018 Jun; 9:1350. DOI 10.3389/fimmu.2018.01350.
- de la Peña FR, Rosetti MF, Rodríguez-Delgado A, Villavicencio LR, Palacio JD, Montiel C, et al. Construct validity and parent-child agreement of the six new or modified disorders included in the Spanish version of the Kiddie Schedule for Affective Disorders and Schizophrenia present and Lifetime Version DSM-5 (K-SADS-PL-5). *J Psychiatr Res*. 2018 Jun; 101:28-33. DOI 10.1016/j.jpsychires.2018.02.029.
- Lopera AA, Velásquez AMA, Clementino LC, Robledo S, Montoya A, de Freitas LM, et al. Solution-combustion synthesis of doped TiO₂ compounds and its potential antileishmanial activity mediated by photodynamic therapy. *J Photochem Photobiol B*. 2018 Jun; 183:64-74. DOI 10.1016/j.jphotobiol.2018.04.017.
- García D, Porras A, Rico Mendoza A, Alvis N, Navas MC, De La Hoz F, et al. Hepatitis B infection control in Colombian Amazon after 15 years of hepatitis B vaccination. Effectiveness of birth dose and current prevalence. *Vaccine*. 2018 May; 36(19):2721-6. DOI 10.1016/j.vaccine.2017.11.004.
- Ortega-Hernández Á, Restrepo-López N, Rosero YS, Úsuga-úsuga F, Correa-Londoño LA, Marín-Agudelo ND, et al. Epidemiological, clinical and histopathological characteristics of patients with psoriasis and factors associated with vulgar and pustular forms. *Dermatol Rev Mex*. 2018; 62(3):193-205.
- Delgado CEY, Arango R. AL, Salazar A, Arango EM, Jaramillo AL, Mora JE, et al. Taking Care of Another Person: "When my Body is Here But my Mind is Somewhere Else". *Rev Cienc Salud* 2018; 16(2):294-310.
- Larenas-Linnemann DES, Parisi CAS, Ritchie C, Cardona-Villa R, Cherrez-Ojeda I, Cherrez A, et al. Update on Omalizumab for Urticaria: What's New in the Literature from Mechanisms to Clinic. *Curr Allergy Asthma Rep*. 2018 May; 18(5):33. DOI 10.1007/s11882-018-0787-5.
- Holguín L, Gallego-Yépes C, Toro Y, Díez-Zuluaga LS, Mopan J, Chinchilla C. Epidemiological, clinical and diagnostic characterization of children with eosinophilic gastroenteropathy. A retrospective study of three high complexity health institutions. *Rev Alerg Mex*. 2018 Apr-Jun;65(2):148-59. DOI 10.29262/ram.v65i2.354.
- Restrepo-Arango M, Gutiérrez-Builes LA, Ríos-Osorio LA. Food security in indigenous and peasant populations: a systematic review. *Cien Saude Colet*. 2018 Apr;23(4):1169-81. DOI 10.1590/1413-81232018234.13882016.
- Gómez-Puerta JA, Ortiz-Reyes B, Urrego T, Vanegas-García AL, Muñoz CH, González LA, et al. Urinary neutrophil gelatinase-associated lipocalin and monocyte chemoattractant protein 1 as biomarkers for lupus nephritis in Colombian SLE patients. *Lupus*. 2018 Apr;27(4):637-46. DOI 10.1177/0961203317738226.
- Yepes Delgado CE, Ocampo Montoya A. Ethics Committees and Mental Health. *Rev Colomb Psiquiatr*. 2018;47(2):129-36.
- Vargas-Alzate CA, Higueta-Gutiérrez LF, López-López L, Cienfuegos-Gallet AV, Jiménez Quiceno JN. High excess costs of infections caused by carbapenem-resistant Gram-negative bacilli in an endemic region. *Int J Antimicrob Agents*. 2018 Apr;51(4):601-7. DOI 10.1016/j.ijantimicag.2017.12.012.
- Castaño-Ramírez OM, Sepúlveda-Arias JC, Duica K, Díaz Zuluaga AM, Vargas C, López-Jaramillo C. Inflammatory Markers in the Staging of Bipolar Disorder: A Systematic Review of the Literature. *Rev Colomb Psiquiatr*. 2018 Apr-Jun;47(2):119-28. DOI 10.1016/j.rcp.2017.01.004.
- Arroyave-Ospina JC, Caicedo MF, Navas MC, Cortés-Mancera FM. Human Pegivirus: Pathogenic potential and non-Hodgkin lymphoma development risk. *Rev Chilena Infectol*. 2018 Apr;35(2):164-75. DOI 10.4067/s0716-10182018000200164.
- Gavina K, Gnidehou S, Arango E, Hamel-Martineau C, Mitran C, Agudelo O, et al. Clinical Outcomes of Submicroscopic Infections and Correlates of Protection of VAR2CSA Antibodies in a Longitudinal Study of Pregnant Women in Colombia. *Infect Immun*. 2018 Mar;86(4). pii: e00797-17. DOI 10.1128/IAI.00797-17.
- Giraldo DM, Cardona A, Urcuqui-Inchima S. High-dose of vitamin D supplement is associated with reduced susceptibility of monocyte-derived macrophages to

dengue virus infection and pro-inflammatory cytokine production: An exploratory study. *Clin Chim Acta*. 2018 Mar;478:140-51. DOI 10.1016/j.cca.2017.12.044.

Burbano C, Villar-Vesga J, Orejuela J, Muñoz C, Vanegas A, Vásquez G, et al. Potential Involvement of Platelet-Derived Microparticles and Microparticles Forming Immune Complexes during Monocyte Activation in Patients with Systemic Lupus Erythematosus. *Front Immunol*. 2018 Mar;9:322. DOI 10.3389/fimmu.2018.00322.

Lopera AA, Montoya A, Vélez ID, Robledo SM, Garcia CP. Synthesis of calcium phosphate nanostructures by combustion in solution as a potential encapsulant system of drugs with photodynamic properties for the treatment of cutaneous leishmaniasis. *Photodiagnosis Photodyn Ther*. 2018 Mar;21:138-46. DOI 10.1016/j.pdpdt.2017.11.017.

López-Herce J, Almonte E, Alvarado M, Bogado NB, Cyunel M, Escalante R, et al. Latin American Consensus for Pediatric Cardiopulmonary Resuscitation 2017: Latin American Pediatric Critical Care Society Pediatric Cardiopulmonary Resuscitation Committee. *Pediatr Crit Care Med*. 2018 Mar;19(3):e152-e156. DOI 10.1097/PCC.0000000000001427.

Bermúdez-Tamayo C, Hernández MN, Alguacil J, Vozmediano EB, Cantarero D, Portiño MC, et al. *Gaceta Sanitaria* in 2017. Improving the quality of our journal. *Gac Sanit*. 2018 Mar-Apr;32(2):117-20. DOI 10.1016/j.gaceta.2018.02.002.

Montoya-Porras LM, Omar TC, Alzate JF, Moreno-Herrera CX, Cadavid-Restrepo GE. 16S rRNA gene amplicon sequencing reveals dominance of Actinobacteria in *Rhodnius pallescens* compared to *Triatoma maculata* midgut microbiota in natural populations of vector insects from Colombia. *Acta Trop*. 2018 Feb;178:327-2. DOI 10.1016/j.actatropica.2017.11.004.

Liu F, Chen Y, Zhu G, Hysi PG, Wu S, Adhikari K, et al. Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. *Hum Mol Genet*. 2018 Feb;27(3):559-75. DOI 10.1093/hmg/ddx416.

Arroyo L, Marín D, Franken KLMC, Ottenhoff THM, Barrera LF. Potential of DosR and Rpf antigens from *Mycobacterium tuberculosis* to discriminate between latent and active tuberculosis in a tuberculosis

endemic population of Medellín Colombia. *BMC Infect Dis*. 2018 Jan; 18(1):26. DOI 10.1186/s12879-017-2929-0.

Pérez-Romero CA, Sánchez IP, Naranjo-Piedrahita L, Orrego-Arango JC, Muskus-López CE, Rojas-Montoya W, et al. Frequency analysis of the g.7081T>G/A and g.10872T>G polymorphisms in the FCGR3A gene (CD16A) using nested PCR and their functional specific effects. *Genes Immun*. 2018 Jan. DOI 10.1038/s41435-017-0001-0.

López MC, Duque Jaramillo A, Navas MC. Clinical and epidemiology of hepatitis E virus infection. *Rev Colomb Gastroenterol*. 2018;33(1):22-31.

Múnera Restrepo LM, Uribe Restrepo L, Yepes Delgado CE. Meaning of Depressive Syndrome for General Practice Physicians in a Colombian Region. *Rev Colomb Psiquiatr*. 2018 Jan- Mar;47(1):21-31. DOI 10.1016/j.rcp.2017.01.002.

Cardona-Arias JA, Restrepo Posada DC. Cost-effectiveness of diagnostic tests in soil-transmitted helminth infections: A systematic review of literature. *Infectio*. 2018;22(4):185-91.

Afanador A. CH, Muñetón Peña CM. Epigenetics of colorectal cancer. *Rev Colomb Gastroenterol*. 2018;33(1):32-40.

Castillo JA, Naranjo JS, Rojas M, Castaño D, Velilla PA. Role of Monocytes in the Pathogenesis of Dengue. *Arch Immunol Ther Exp (Warsz)*. 2018 Sep. DOI 10.1007/s00005-018-0525-7.

Restrepo-Escobar M, Hernández-Zapata J. Asymmetrical arthritis with ray pattern distribution. *Rev Colomb Reumatol*. 2018. DOI 10.1016/j.rcreu.2018.09.001

Guerrero-Hurtado LS, Puerta-Suárez J, Cardona-Maya WD. Role of sperm in the transmission of uropathogenic bacteria: *Escherichia coli* and *Enterococcus faecalis*. *Clin Invest Ginecol Obstet*. 2018;45(1):2-6.

Castrillón-Duque EX, Puerta Suárez J, Cardona Maya WD. Yeast and Fertility: Effects of In Vitro Activity of *Candida* spp. on Sperm Quality. *J Reprod Infertil*. 2018 Jan-Mar;19(1):49-55.

Urrego T, Ortiz-Reyes B, Vanegas-García AL, Muñoz CH, González LA, Vásquez G, et al. Utility of urinary transferrin and ceruloplasmin in patients with systemic lupus erythematosus for differentiating patients with lupus nephritis. *Reumatol Clin*. 2018

Mar. pii: S1699-258X(18)30039-1. DOI 10.1016/j.reuma.2018.02.002.

Muñoz C, Restrepo-Escobar M, Martínez-Muñoz M, Echeverri A, Márquez J, Pinto LF. Differences Between Patients With Sarcoidosis With and Without Joint Involvement Treated for Fifteen Years in a Third Level Hospital. *Reumatol Clin*. 2018 Feb. pii: S1699-258X(18)30021-4. DOI 10.1016/j.reuma.2018.01.001.

Posada-López L, Galvis-Ovallos F, Galati EAB. Description of *Trichophoromyia velezbernali*, a New Sand Fly Species (Diptera: Psychodidae: Phlebotominae) from Colombian Amazonia. *J Med Entomol*. 2018 Jan;55(1):122-7. DOI 10.1093/jme/tjx180.

Naranjo-Gómez JS, Castillo JA, Rojas M, Restrepo BN, Diaz FJ, Velilla PA, et al. Different phenotypes of non-classical monocytes associated with systemic inflammation, endothelial alteration and hepatic compromise in patients with dengue. *Immunology*. 2018 Oct. DOI 10.1111/imm.13011.

Jaramillo-Calle DA, Velásquez-Lopera M. Cutaneous manifestations of variegate porphyria and hereditary coproporphyria. *Dermatol Rev Mex*. 2018;62(1):27-41.

Montoya A, Yepes L, Bedoya A, Henao R, Delgado G, Vélez ID, et al. Transforming Growth Factor Beta (TGFβ1) and Epidermal Growth Factor (EGF) as Biomarkers of *Leishmania (V) braziliensis* Infection and Early Therapeutic Response in Cutaneous Leishmaniasis: Studies in Hamsters. *Front Cell Infect Microbiol*. 2018 Oct; 8:350. DOI 10.3389/fcimb.2018.00350.

Arcia D, Ochoa R, Hernández JC, Álvarez CM, Díaz FJ, Velilla PA, et al. Potential immune escape mutations under inferred selection pressure in HIV-1 strains circulating in Medellín, Colombia. *Infec Genet Evol* 2018. DOI 10.1016/j.meegid.2018.07.001.

Urrea-Pineda LY, Gómez-Jiménez S, Jaramillo-Arroyave D, Muñoz-Vahos CH, Vanegas-García AL, Vasquez G, et al. Cryoglobulinemic vasculitis and psoriatic arthritis: Case report of an unusual association. *Reumatol Clin*. 2018 May. pii: S1699-258X(18)30073-1. DOI 10.1016/j.reuma.2018.03.003.

Perdomo-Celis F, Feria MG, Taborda NA, Rugeles MT. A Low Frequency of IL-17-Producing CD8(+) T-Cells Is Associated With Persistent Immune Activation in People Living With HIV Despite HAART-Induced Viral

Suppression. *Front Immunol*. 2018 Oct;9:2502. DOI 10.3389/fimmu.2018.02502.

Domínguez Perilla AM, Vásquez GM, Rojas MX. ¿Es la seropositividad en pacientes con artritis reumatoide tratados con adalimumab un factor para desarrollar anticuerpos anti-adalimumab? *Rev Colomb Reumatol* 2018. DOI 10.1016/j.rcreu.2018.10.001.

Paredes Arturo YV, Yarce Pinzón E, Aguirre Acevedo DC. Functionality and associated factors in the older adult of the city of San Juan de Pasto, Colombia. *Rev Cienc Salud*. 2018;16(1):114-28.

Cock-Rada AM, Ossa CA, Garcia HI, Gomez LR. A multi-gene panel study in hereditary breast and ovarian cancer in Colombia. *Fam Cancer*. 2018 Jan;17(1):23-30. DOI 10.1007/s10689-017-0004-z.

Díaz Zuluaga AM, Duica K, Ruiz Galeano C, Vargas C, Agudelo Berruecos Y, Ospina S, et al. Evaluation and Socio-occupational Intervention in Bipolar and Schizophrenic Patients within a Multimodal Intervention Program-PRISMA. *Rev Colomb Psiquiatr*. 2018 Jan-Mar;47(1):4-12. DOI 10.1016/j.rcp.2017.01.006.

Tobón SR, López Jiménez J, Campo Polanco LF, Agudelo Cadavid RM, Gutiérrez Builes LA. Procedure optimization for concentration and detection of protozoa and helminths in great volumes of water. *Rev Cuba Med Trop*. 2018;70(1):71-77.

Zamudio-Burbano MA, Giraldo-Salazar O, Gaviria-Rivera E, Gómez-Castellanos G, Rodríguez CÁ, Ramírez SM, et al. Tracheal intubation with I-gel supraglottic device in pediatric patients: A prospective case series. *Rev Colomb Anestesiol*. 2018;46(1):37-41.

Restrepo-Escobar M, Sylva D, Gamboa JG, Echeverri A, Márquez J, Pinto LF. Pulmonary-renal syndrome secondary to cocaine-levamisole-induced vasculitis: A case report. *Reumatol Clin*. 2018 May. pii: S1699-258X(18)30074-3. DOI 10.1016/j.reuma.2018.02.014.

Barrientos-Arenas E, Henao-García V, Giraldo DM, Cardona MM, Urcuqui-Inchima S, Castaño JC, et al. Modulation of high-density lipoprotein and cytokine IL-1β and IL-6 levels in patients with dengue. *Rev Peru Med Exp Salud Publica*. 2018 Jan-Mar;35(1):15-24. DOI 10.17843/rpmpesp.2018.351.3568.

Tirado-Duarte D, Marín-Villa M, Ochoa R, Blandón-Fuentes G, Soares MJ, Robledo SM, et al. The Akt-like

kinase of *Leishmania panamensis*: As a new molecular target for drug discovery. *Acta Trop*. 2018 Jan;177:171-8. DOI 10.1016/j.actatropica.2017.10.008.

Ernesto B, Liz F, Camilo AD, Melissa G, Roman Néstor F, Camilo BJ. Normative data of the Cambridge mindreading test in Spanish for young adults in the city of barranquilla, Colombia. *Arch Neurocienc* 2018;23(1):6-15.

Álvarez-Larrotta C, Agudelo OM, Duque Y, Gavina K, Yanow SK, Maestre A, et al. Submicroscopic *Plasmodium* infection during pregnancy is associated with reduced antibody levels to tetanus toxoid. *Clin Exp Immunol*. 2018 Sep. DOI 10.1111/cei.13213.

Salgado K, Salazar-Uribe JC, Gallo-Villegas J, Valencia Á, Espíndola-Fernández D, Mesa C, et al. Evaluation of the cost-effectiveness of an integral model of ambulatory treatment in patients with acute coronary syndrome: application of a probabilistic Markov model. *Rev Panam Salud Publica*. 2018;42.

Campo-Sánchez SM, Camargo-Trillos J, Calle-Ramírez JA, Gómez-Wolff LR, Sánchez-Patiño LA, García-García HI. Colorectal cancer survival at an oncologic center in Colombia. A historic cohort study. *Rev Gastroenterol Mex*. 2018 Jun. pii: S0375-0906(18)30101-0. DOI 10.1016/j.rgmx.2018.04.002.

Cardiel MH, Soriano ER, Bonfá ESDDO, Alarcón GS, Izcovich A, Amigo Castañeda MC, et al. Therapeutic Guidelines for Latin American Lupus Patients: Methodology. *J Clin Rheumatol* 2018;24(1):41-4.

Picard C, Bobby Gaspar H, Al-Herz W, Bousfiha A, Casanova JL, Chatila T, et al. International Union of Immunological Societies: 2017 Primary Immunodeficiency Diseases Committee Report on Inborn Errors of Immunity. *J Clin Immunol*. 2018 Jan;38(1):96-128. DOI 10.1007/s10875-017-0464-9.

Bousfiha A, Jeddane L, Picard C, Ailal F, Bobby Gaspar H, et al. The 2017 IUIS Phenotypic Classification for Primary Immunodeficiencies. *J Clin Immunol*. 2018 Jan; 38(1):129-43. DOI 10.1007/s10875-017-0465-8.

Macias-Kauffer LR, Villamil-Ramírez H, León-Mimila P, Jacobo-Albavera L, Posadas-Romero C,

Posadas-Sánchez R, et al. Genetic contributors to serum uric acid levels in Mexicans and their effect on premature coronary artery disease. *Int J Cardiol*. 2018 Oct. pii: S0167-5273(18)31073-8. DOI 10.1016/j.ijcard.2018.09.107.

Ardila MM, Carrillo-Bonilla L, Pabón A, Robledo SM. Surveillance of phlebotomine fauna and *Didelphis marsupialis* (Didelphimorphia: Didelphidae) infection in an area highly endemic for visceral leishmaniasis in Colombia. *Biomédica*. 2019;39(2).

Zapata JP, Arroyave Hoyos CA, Calderón Táriba JD, Gómez Lizarazo JM, Buitrago Castañeda DJ, Aparicio Zambrano A, et al. Validación de la sexta edición del índice de gravedad de la adicción (isa-6) en población clínica de Colombia. 2019;39(2).

Tobón Castaño A, Betancur JE. Malaria grave en mujeres gestantes hospitalizadas entre 2010-2014 en el departamento de Antioquia (Colombia). *Biomédica*. 2019; 39(2). DOI 10.7705/biomedica.v39i3.4403.

Vargas Álzate CA, Higuera Gutiérrez LF, Jiménez Quiceno JN. Costos directos médicos de pacientes con infecciones de tracto urinario por bacilos gram negativos resistentes a betalactámicos en un hospital de alta complejidad de Medellín, Colombia. *Biomédica*. 2019; 39(Sp.1). DOI 10.7705/biomedica.v39i1.3981.

Rada AM, Hernández Gómez C, Restrepo E, Villegas MV. Distribución y caracterización molecular de betalactamasas en bacterias Gram negativas en Colombia (2001-2016). *Biomédica*. 2019; 39 (Sp. 1). DOI 10.7705/biomedica.v39i3.4351.

Bedoya K, Coltell Simon O, Cabarcas F, Alzate JF. Metagenomic assessment of the microbial community and methanogenic pathways in biosolids from a municipal wastewater treatment plant in Medellín, Colombia. *Sci Total Environ*. 2019 Jan;648:572-81. DOI 10.1016/j.scitotenv.2018.08.119.

Pastrana Restrepo M, Surmay Surmay V, Galeano E, Robledo S. Anti-Parasite Activity of Novel 3,5-Diiodophenethyl-benzamides. *J Brazil Chem Soc*. 2018. DOI 10.21577/0103-5053.20180160.

