

## Raul Murillo

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### Experiencia profesional

<b>Hospital Universitario San Ignacio</b> Bogotá-Colombia Cargo: <ul style="list-style-type: none"><li>- Director Centro Javeriano de Oncología</li></ul>	<b>2016-presente</b>
<b>Pontificia Universidad Javeriana</b> Bogotá-Colombia Cargo: <ul style="list-style-type: none"><li>- Profesor asistente – Facultad de Medicina</li></ul>	<b>2017-presente</b>
<b>Capital Salud EPS (Asegurador Público Bogotá)</b> Bogotá-Colombia Cargo: <ul style="list-style-type: none"><li>- Consultor gestión del riesgo en cáncer</li></ul>	<b>2023-presente</b>
<b>International Agency for Research on Cancer</b> Lyon-Francia Cargo: <ul style="list-style-type: none"><li>- Senior scientist (Implementation Research) Prevention and Implementation Group</li></ul>	<b>2015-2016</b>
<b>Instituto Nacional de Cancerología</b> Bogotá- Colombia Cargos: <ul style="list-style-type: none"><li>- Director General (2010-2015)</li><li>- Subdirector Investigaciones y Salud Pública (2003-2010).</li><li>- Médico epidemiólogo (2003)</li><li>- Coordinador Grupo de Estudios Epidemiológicos (1999-2001)</li></ul>	<b>1999-2015</b>
<b>Consultor independiente</b> Organización Internacional de Energía Atómica Otros <ul style="list-style-type: none"><li>Sector Privado</li><li>ONGs</li><li>Organización Panamericana de la Salud</li></ul>	<b>2021-2023</b> <b>1999-2010</b>

**Secretaría Municipal de Salud** **1997-1999**

Cali-Colombia

Cargo:

- Coordinador programas de salud del menor de 5 años

**Hospital Regional** **1992-1995**

Líbano-Colombia

Cargos:

- Director médico (1994-1995)
- Médico general (1992-1994)

### **Información académica**

Universidad Nacional de Colombia, Enero 2018 – presente. Candidato a doctor en oncología (PhDc). Bogotá, Colombia

Pan American Health Organization, Enero 2002 – Diciembre 2002. Training Program in International Health. Washington DC, USA.

Universidad de Antioquia, 1995-1998. Magister en Salud Pública. Medellín, Colombia.

Universidad de Antioquia, 1984-1991. Médico y Cirujano. Medellín, Colombia.

### **Funciones honoríficas y distinciones profesionales**

Miembro del grupo desarrollador de guías de práctica clínica – Programa *Living Guidelines for Cervical Cancer* – Organización Mundial de la Salud. 2021-presente

Miembro del Comité Consultor para América Latina. American Association of Cancer Research (AACR). 2016-presente

Miembro del Scientific and Technical Advisory Group (STAG) para el programa de Investigación en Salud Sexual y Reproductiva de la OMS. 2017-2023

Senior visiting scientist, Prevention and Implementation Group – International Agency for research on Cancer (IARC). 2016-2022

Miembro del grupo desarrollador de guías de práctica clínica – American Society of Clinical Oncology (ASCO). 2021

Evaluador *Tenure Track Position*: selección de candidatos para el cargo como Investigador Senior en el US National Cancer Institute (NCI), National Institutes of Health (NIH). Division of Cancer Epidemiology and Genetics (DCEG), 2020.

Miembro del Comité Editorial para el “*WHO Report on Cancer: Setting Priorities, Investing Wisely and Providing Care for All*”. Geneva: WHO; 2020

Miembro del Comité Consultor para el *WISH Delivering Affordable Cancer Care Forum 2015*. Imperial College of London; 2014-2015

Editor Jefe. Revista Colombiana de Cancerología; 2005-2015.

Miembro del Grupo de Consultoría Técnica. *Guidelines for cervical cancer prevention and control*. WHO; 2012-2013.

Miembro del Grupo Consultor. HPV vaccine. GAVI; 2011.

Investigador asociado – Registro Poblacional de Cáncer de Cali; 1998-1999

## Publicaciones

### Libros y capítulos de libros

1. **International Agency for Research on Cancer**. Cervical Cancer Screening – IARC Handbooks on Cancer Prevention, Vol. 18. Lyon: IARC; 2022. *Contribución: Cervical cancer screening in the Americas region*
2. **Murillo R**. Cancer screening: from biology to public health. In: Wild CP, Weiderpass E, Stewart BW, editors. World Cancer Report: Cancer Research for Cancer Prevention 2019. Lyon: International Agency for Research on Cancer; 2020.
3. Díaz-Casas SE, Wiesner C, Vergel JC, Perry-Perry F, **Murillo R**. Tamización y detección temprana en cáncer de mama. En: Guzmán-Abi-Saab LH, Vargas-Báez CA, Viaña-González LF, et al, editores. Manual de mastología. Bogotá: Asociación Colombiana de Mastología; 2019. Pages: 11-24
4. **Murillo R**. Enfermedades crónicas. En: Malagón-Londoño G, Moncayo-Medina A, editores. Salud Pública: Conceptos, aplicaciones y desafíos. 3ra edición. Bogotá: Editorial Médica Panamericana; 2019. Pages: 442-467
5. **Murillo R**. Social inequalities in cancer in Latin America. In: Vaccarella S, Lortet-Tieulent J, Saracci R, et al, editors. Reducing social inequalities in cancer: Evidence and priorities for research. IARC Scientific Publication No. 168. Lyon: IARC; 2019.
6. Herrero R, **Murillo R**. Cervical Cancer. In: Schottenfeld D and Fraumeni JF, editors. Cancer Epidemiology and Prevention. 4<sup>th</sup> edition. Oxford University Press; 2017
7. **International Agency for Research on Cancer**. Breast Cancer Screening; 2da edición – IARC Handbooks on Cancer Prevention, Vol. 15. Lyon: IARC; 2016. *Contribución: Breast cancer screening in Latin America*
8. Anderson BO, Lipscomb J, **Murillo RH**, Thomas DB. Breast cancer. In: Gelband H, Prabhat J, Sankaranarayanan R, Horton S, editors. Disease control priorities: economic evaluation for health. 3rd edition – Vol 6: Cancer. 2015
9. Sankaranarayanan R, Thara S, Qiao Y, Ngoma T, **Murillo R**. Cancer Screening in Low and Middle-Income Countries. In: Soliman AMR, Schottenfeld D, Boffetta P, editors. Cancer Epidemiology: Low- and Middle-Income Countries and Special Populations. New York: Oxford University Press; 2013. p. 78-102.

10. Thomas DB, **Murillo R**, Kardinah, Anderson BO. Breast Cancer Early Detection and Clinical Guidelines. In: Soliman AMR, Schottenfeld D, Boffetta P, editors. Cancer Epidemiology: Low- and Middle-Income Countries and Special Populations. New York: Oxford University Press; 2013. p. 78-102.
11. **Murillo R**. Enfermedades crónicas. En: Malagón-Londoño G, Moncayo-Medina A, editores. Salud Pública: Perspectivas. 2da edición. Bogotá: Editorial Médica Panamericana; 2011. p. 379-402.
12. Piñeros M, Ferlay J, **Murillo R**. Incidencia estimada y mortalidad por cáncer en Colombia: 1995-1999. Instituto Nacional de Cancerología. Bogotá; 2005.
13. **Murillo R**, Piñeros M, Hernández G. Atlas de mortalidad por cáncer en Colombia. Instituto Nacional de Cancerología – Instituto Geográfico Agustín Codazzi. Bogotá; 2004.
14. Llanos G, Rendón LF, Guerrero A, Paredes J, **Murillo R**, Salazar MC et al. Vigilancia ocupacional de la exposición a sustancias potencialmente cancerígenas. Corporación Editora Médica del Valle. Cali, 2002.
15. Pardo C, **Murillo R**, Posso H. Manual metodológico de normas y procedimientos para la implementación de registros institucionales de cáncer. Secretaría Distrital de Salud e Instituto Nacional de Cancerología. Bogotá, 2002.

#### Documentos técnicos

1. World Health Organization. Operational considerations for cervical cancer screening and treatment for women living with HIV. Report of the virtual meeting, 9-11 May 2023. Geneva: WHO; 2024. Available from: <https://iris.who.int/bitstream/handle/10665/378118/978924009490-eng.pdf?sequence=1>. **Miembro del Grupo de Expertos**
2. Pan American Health Organization. Evaluating the impact of the human papillomavirus vaccine in Latin America and the Caribbean. Washington, D.C.: PAHO; 2023. Available from: <https://doi.org/10.37774/9789275127391>. **Miembro del Grupo de Expertos**
3. IARC; Department of Health and Health Service Executive of Ireland (2023). Best practices in cervical screening programmes: audit of cancers, legal and ethical frameworks, communication, and workforce competencies. Lyon, France: International Agency for Research on Cancer (IARC Working Group Reports, No. 11). Available from: <https://publications.iarc.fr/625>. License: CC BY- NC-ND 3.0 IGO. **Miembro del Grupo de Expertos Técnicos**
4. WHO guideline for screening and treatment of cervical pre-cancer lesions for cervical cancer prevention: use of mRNA tests for human papillomavirus (HPV). Geneva: World Health Organization; 2021. **Miembro del grupo desarrollador**
5. World Health Organization. WHO guideline for screening and treatment of cervical pre-cancer lesions for cervical cancer prevention. Second Edition. Geneva: World Health Organization, 2021. **Miembro del grupo desarrollador**

6. World Health Organization. WHO guidelines for the use of thermal ablation for cervical pre-cancer lesions. Geneva: World Health Organization, 2019. **Miembro del grupo desarrollador**
7. **Murillo R**, Wiesner C, Acosta J, Piñeros M, Pérez JJ, Orozco M. Modelo para el cuidado del cáncer en Colombia. Bogotá: Serie Documentos Técnicos INC 2015; No. 5.
8. Ministerio de Salud y Protección Social - Colombia. Guía de Práctica Clínica para la detección y manejo de lesiones precancerosas de cuello uterino. Guía para profesionales de la salud. Bogotá: MinSalud 2014 - Guía No. 44. **Miembro del grupo desarrollador**
9. Ministerio de Salud y Protección Social - Colombia. Guía de práctica clínica (GPC) para la detección temprana, tratamiento integral, seguimiento y rehabilitación del cáncer de mama. Bogotá: MinSalud 2013 - Guía No. GPC-2013-19. **Miembro del grupo desarrollador**
10. Piñeros M, **Murillo R**, Porras A. Análisis situacional en cancer. Bogotá: Serie Documentos Técnicos INC 2011; No. 4.
11. **Murillo R**, Quintero A, Piñeros M, Bravo MM, Cendales R, Wiesner C, et al. Modlo para el control del cancer en Colombia. Bogotá: Serie Documentos Técnicos INC 2006; No. 1.
12. Pan American Health Organization. CARMEN: an initiative for integrated prevention of non-communicable diseases in the Americas. Document developed by: Coser L, **Murillo R**, Legetic B, Ronderos M, Castellanos LG, Webley S, Stephens S, Polito K, Robles S. Washington DC: Pan American Health Organziation; 2003.
13. Organización Panamericana de la Salud. Análisis de las reformas del sector salud en los países de la región andina. Segunda edición. Documento elaborado por: Rivas-Loria P, Infante A, **Murillo R**, Pedroza J. Washington DC: Organización Panamericana de la Salud, 2002.
14. Alba L, **Murillo R**. Utilización de servicios y perfiles de morbilidad en usuarios de medicina familiar en Cali. Cali: Memorias IV congreso andino de medicina familiar, septiembre de 2001.

#### Artículos en revistas científicas (revisión pareada)

1. Glöckler J, Mitrovics J, Beeken S, Leja M, Welearegay T, Österlund L, Haick H, Shani G, Di Natale C, **Murillo R**, Flores-Rangel G, Bricio-Arzubide F, Pinilla R, Vargas R, Saboya C, Mizaikoff B, Díaz de León-Martínez L. Infrared Spectroscopic Electronic Noses: An Innovative Approach for Exhaled Breath Sensing. ACS Sens 2025; Jan 8. doi: 10.1021/acssensors.4c02725. *in press*
2. León-Maldonado L, López-Olmedo N, **Murillo R**, Hurtado-Salgado E, Allen-Leigh B, Armengol-Alonso A, Torres-Mejía G, Bautista-Arredondo S, Barrientos-Gutiérrez T, Lazcano-Ponce E. Cervical cancer screening. Salud Publica Mex 2024; doi.org/10.21149/15894; *in press* [Spanish]

3. Fernández-Deaza G, Negrete-Tobar G, Caicedo M, Téllez N, Mello M, Ghidinelli M, Nuche-Berenguer B, Murillo R. Cervical Precancer and Invasive Cancer among Women Living with HIV in Latin America: A Systematic Review and Meta-analysis. *Int J STC AIDS* 2024; in press
4. Negrete-Tobar G, Soto-Cala B, Pertuz C, Rosero L, Camacho D, Botero J, Sandoval V, Gamboa-Garay O, **Murillo R**. Identificación del perfil de necesidades psicológicas, sexuales, físicas, de apoyo y de información en pacientes oncológicos colombianos. *Rev Colomb Psiquiat* 2024; *en imprenta*
5. Ismael J, Esandi E, Arroyo G, Becerra S, Bejarano S, Castro C, Enrique C, Gauna C, Gutiérrez-Delgado F, Deza EG, Kopitowsky K, Lewi D, Muller B, **Murillo R**, Pomata A, Puyol J, Quintanilla G, Rompató S, Santini L, Vidaurre T, Solano A, Campos D, Cazap E. Choosing Wisely in oncology in Latin America: what SLACOM does not recommend in the care of cancer patients in Latin America: Ten essential recommendations to avoid harmful oncology procedures in Latin America. *Ecancermedicalscience*. 2024 Apr 9;18:1691. doi: 10.3332/ecancer.2024.1691
6. Riano I, Alas-Pineda C, Reyes S, **Murillo R**, Gutiérrez-Delgado F, Cazap E, Pais-Viegas CM, de la Torre M, Barahona KC, Sarria GJ, del Castillo-Bahì R, Luongo-Céspedes A, Ovalle B, Umaña-Herrera FV, McVorrán S, Williams B, Kascmar J, Kennedy LS, Lyons KD, Bejarano S, Wong SL. Community-Led Action Research in Oncology: Pandemic-Appropriate Radiotherapy Innovations Evaluated (CLARO PARTE) for Latin America and the Caribbean Countries. *J Global Oncol* 2024; e376-e384. doi: 10.1016/S1470-2045(23)00299-1
7. Downham L, Rol ML, Forestier M, Romero P, Mendoza L, Mongelos P, Picconi MA, Colucci MC, Padin VM, Flores AP, Zuniga M, Ferrera A, Cabrera Y, Farfan-Crispin M, Ramirez AT, Cele L, Diop-Ndiaye H, Samate D, Manga P, Thiam FB, Rodriguez MI, DSouza JP, Nyawira-Nyaga V; Diop M, Sebitloane M, Sanchez G, Teran C, Calderon A, Wiesner C, **Murillo R**, Herrero R, Baena A, Almonte M. Field experience with the 8-HPV-type oncoprotein test for cervical cancer screening among HPV-positive women living with and without HIV in LMICs. *Int J Cancer* 2024; doi: 10.1002/ijc.34953
8. Mezmale L, Ślefarska-Wolak D, Bhandari MP, Ager C, Verliks V, Patsko V, Lukashenko A, Dias-Neto E, Nunes DN, Bartelli TF, Pelosof AG, Sztokfisz CZ, **Murillo R**, Królicka A, Mayhew CA, Leja M, Haick H, Mochalski P. Volatilomic profiles of gastric juice in gastric cancer patients. *J Breath Res* 2024; doi: 10.1088/1752-7163/ad324f.
9. Fernández-Deaza G, Serrano B, Roura E; Castillo JS, Caicedo-Martínez M, Bruni L, **Murillo R**. Cervical cancer screening coverage in the Americas Region: a synthetic analysis. *Lancet Regional Health Americas* 2024; 2024;30: 100689
10. Pulido E, González M, Gamboa O, Bonilla J, Luna J, Murillo R. Efectividad de la crioterapia suministrada por enfermeras en el tratamiento de lesiones preneoplásicas del cuello uterino. *Biomédica*. 2023;43(Supl);43(Sp3):79-87 [Spanish]
11. Steinberg J, Hughes S, Hui H, Allsop M, Egger S, David M, Caruana M, Coxeter P, Carle C, Onyeka T, Rewais I, Monroy-Iglesias MJ, Vives-Martin N, Wei F, Abila DB, Carreras G, Santero M, O'Dowd E, Lui G, Tolani MA, Mullooly M, Lee SF, Landy R, Hanley S, Binefa-Rodríguez G, McShane C, Gizaw M, Selvamuthu P, Boukheris

- H, Nakaganda A, Ergin I, Moraes FY, Timilshina N, Kumar A, Vale DB, Molina-Barceló A, Force LM, Campbell D, Wang Y, Wan F, Baker AL, Singh R, Abdus-Salam R, Yuill S, Shah R, Lansdorp-Vogelaar I, Yusuf A, Aggarwal A, **Murillo R**, Torode J, Kliewer E, Bray F, Chan KKW, Peacock S, Hanna TP, Ginsburg O, Van Hemelrijck M, Sullivan R, Roitberg F, Ilbawi A, Soerjomataram I, Canfell K. Risk of COVID-19 death for people with a pre-existing cancer diagnosis prior to COVID-19-vaccination: a systematic review and meta-analysis. *Int J Cancer* 2023; doi: 10.1002/ijc.34798
12. Espina C, Feliu A, Maza M, Almonte M, Ferreccio C, Finck C, Herrero R, Dommarco JR, de Almeida LM, Arrossi S, García PJ, Garmendia ML, Mohar A, **Murillo R**, Santamaría J, Tortolero-Luna G, Cazap E, Gabriel OO, Paonessa D, Zoss JW, Luciani S, Carvalho A, Schüz J; Working Groups of Scientific Experts. Latin America and the Caribbean Code Against Cancer 1st Edition: 17 cancer prevention recommendations to the public and to policy-makers (World Code Against Cancer Framework). *Cancer Epidemiol* 2023 Oct;86 Suppl 1:102402.
  13. Lemos M, Restrepo J, Espina C, Feliu A, Ferreccio C, Garcés-Palacio IC, Jurberg C, de Albuquerque Melo F, Cornejo-Ovalle M, Arrossi S, **Murillo R**, Acosta Pérez E, Venegas G, Finck C; "Working Group on Communication and education of the LAC Code Against Cancer". Latin America and the Caribbean Code Against Cancer 1st edition: Formative research on the comprehension and persuasiveness of the recommendations by the general population. *Cancer Epidemiol* 2023 Oct;86 Suppl 1:102456.
  14. Sjomina O, Pojaka I, Suhorukova J, Vangravs R, Paršutins S, Knaze V, Park JY, Herrero R, **Murillo R**, Leja M. Randomised clinical trial: efficacy and safety of H. pylori eradication treatment with and without *Saccharomyces boulardii* supplementation. *Eur J Cancer Prev* 2023; *en imprenta*
  15. Peñalozza M, Sánchez O, García MA, **Murillo R**. Survivorship Care in Middle-Income Countries: A Guideline Development for Colombia Using Breast Cancer as a Model. *JCO Glob Oncol* 2023;9:e2300018. doi: 10.1200/GO.23.00018.
  16. García-Padilla P, García-Padilla D, Ramírez-Castro MF, Pulido-Rincón P, **Murillo R**. Patient-doctor interactions around alternative and complementary medicine in the context of oncology care in a Latin American country. *Complement Ther Med* 2023; Sep 19:102986. doi: 10.1016/j.ctim.2023.102986.
  17. Martínez N, García MP, Brundage M, Hanna TP, Soares C, Aggarwal I, Uribe M, Sullivan R, Booth C, **Murillo R**. Stress, Resilience, Moral Distress, and Depression-Anxiety among Oncology Care Providers in Colombia during the COVID-19 Pandemic. *Rev Colomb Psiquiatr* 2023;doi: 10.1016/j.rcp.2023.06.006
  18. **Murillo R**, Pinto-Martínez N, Serrano N, Uribe C, Navarro E, Duque J, Yepes A, Olaya L, Mariño C, Morales OL, Erazo-Muñoz MA, Sánchez-Vega DC, Martínez-Ramos N. Use of complementary and alternative medicine by cancer patients in Colombia. *BMC Complementary Medicine and Therapies* 2023;14:23(1):321. doi: 10.1186/s12906-023-04144-z.
  19. Marta GN, Moraes FY, de Oliveira-Franco RY, Carvalho HA, Guimaraes-Gouveia A, de Lima Gössling G, Gomes de Jesus R, Ferraris G, Munoz-Schuffenegger

- P, Sarria G, Poitevin-Chacon A, **Murillo R**, Moreno-Sánchez LE, Gamarra-Cabezas M, Accioly-Rosa A, Silva M, Duarte de Mattos M, Chaves Rezende D, Guedes de Castro D, Dal-Para A, Amendola BE, Barros JM, Merino-Lara T, Isa N, de la Mata D, Hidalgo I, Giménez-Velilla D, Aviles L, Gomez-Montenegro F, Sanchez-Chancin NO, Werutsky G, Viani G. Moderately hypofractionated post-operative radiation therapy for breast cancer: Preferences amongst radiation oncologists from countries in Latin America and the Caribbean. *Reports of Practical Oncology and Radiotherapy* 2023;28(3):340-351
20. Martínez-Ramos N, Ávila L, Rodríguez S, Ortiz M, Pira D, Rangel V, Ariza A, Betancur N, Aldana G, García R, Monroy M, Sánchez JF, Cadena C, Quintero L, Bueno D, Prieto K, Martínez A, Albarracín SL, **Murillo R**. Attitudes scale toward cancer-related cognitive changes, an initial Colombian validation. *Eur Rev Med Pharmacol Sci* 2023; (16):7738-7748
21. Rangel V, Fernández-Deaza GP, Castillo JS, **Murillo R**. Is it feasible to enhance quality assurance of cervical cancer screening in Latin America? A regional expert's consensus. *J Med Screen* 2023; 9691413231178253. doi: 10.1177/09691413231178253.
22. Lucas E, **Murillo R**, Arrossi S, Chami Y, Nessa A, Perera S, Silva P, Sangrajrang S, Muwonge R, Basu P. Quantification of impact of COVID-19 pandemic on cancer screening programmes -a case study from Argentina, Bangladesh, Colombia, Morocco, Sri Lanka and Thailand. *eLife* 2023; 12:e86527. doi: 10.7554/eLife.86527
23. Valls J, Baena A, Venegas G, Celis M, González M, Sosa C, Santin JL, Ortega M, Soilán A, Turcios E, Figueroa J, Rodríguez de la Peña M, Figueredo A, Beracochea A, Pérez N, Martínez-Better J, Lora O, Jiménez JY, Giménez D, Fleider L, Salgado Y, Martínez S, Bellido-Fuentes Y, Flores B, Tatti S, Villagra V, Cruz-Valdez A, Terán C, Sánchez GI, Rodríguez G, Picconi A, Ferrera A, Mendoza L, Calderón A, **Murillo R**, Wiesner C, Broutet N, Luciani S, Pérez C, Darragh T, Jerónimo J, Herrero R, Almonte M, on behalf of the ESTAMPA study group. Performance of standardized colposcopy to detect cervical precancer and cancer in HPV-positive women participating in the ESTAMPA study. *Lancet Glob Health* 2023, e350-e360. doi: 10.1016/S2214-109X(22)00545-9
24. Baena A, Mesher D, Salgado Y, Martínez S, Villalba GR, Amarilla ML, Salgado B, Flores B, Bellido-Fuentes Y, Álvarez-Larraondo M, Valls J, Lora O, Virreira-Prout G, Figueroa J, Turcios E, Soilán A, Ortega M, Celis M, González M, Venegas G, Terán C, Ferrera A, Mendoza L, Kasamatsu E, **Murillo R**, Wiesner C, Broutet N, Luciani S, Herrero R, Almonte M. Performance of visual inspection of the cervix with acetic acid (VIA) for triage of HPV screen-positive women: results from the ESTAMPA study. *Int J Cancer* 2023; 152(8):1581-1592.
25. Fernández-Deaza GP, Zuluaga M, Maza M, Luciani S, **Murillo R**. Follow-up of women with abnormal findings of cervical cancer screening in The Americas region: A Systematic Review Protocol. *Univ Med* 2022;63(4). <https://doi.org/10.11144/Javeriana.umed63-4.foll>



26. Palacio N, Romero DN, Bernal AM, González-Rodríguez D, Solarte D, García MP, **Murillo R**, Santamaría-García H, Báez S. The impact of breast cancer on social cognition in female Colombian patients. *BMC Psychology* 2022; 10(1):303. doi: 10.1186/s40359-022-01005-1.
27. Zuluaga Patiño M, Luna-Benitez MC, Jurado-Sanabria N, Soto-Cala B, Solano-Vega JC, Sánchez-Forero RA, **Murillo R**. The impact of the COVID-19 pandemic on the oncology services demand in a middle income setting with universal health insurance: A Colombian narrative. *Colombia Med* 2022; 53(1):e2065115. doi: 10.25100/cm.v53i1.5115
28. Soler M, Alfaro K, Masch RJ, Conzuelo G, Qu X, Wu S, Sun J, Hernández-Jovel DM, Bonilla J, Puentes LO, **Murillo R**, Alonzo TA, Felix JC, Cremer M. Safety and Acceptability of Three Ablation Treatments for High-Grade Cervical Precancer: Early Data from a Randomized Non-Inferiority Clinical Trial. *JCO Global Oncol* 2022; 8:e2200112. doi: 10.1200/GO.22.00112.
29. Shastri SS, Temin S, Almonte M, Basu P, Campos NG, Gravitt PE, Gupta V, Lombe DC, **Murillo R**, Nakisige C, Ogilvie G, Pinder LF, Poli UR, Qiao Y, Woo YL, Jeronimo J. Secondary Prevention of Cervical Cancer: American Society of Clinical Oncology Resource-Stratified Guideline Update. *JCO Global Oncol* 2022; 8:e2200217
30. Prudden HJ, Achilles SL, Schocken C, Broutet N, Canfell K, Akaba H, Basu P, Bhatla N, Chirenje ZM, Delany-Moretlwe S, Denny L, Gamage DG, Herrero R, Hutubessy R, Villa LL, **Murillo R**, Schiller JT, Stanley M, Temmerman M, Zhao F, Ogilvie G, Kaslow DC, Dull P, Gottlieb SL on behalf of the Therapeutic HPV Vaccine PPC Expert Consultation Group. Understanding the public health value and defining preferred product characteristics for therapeutic human papillomavirus (HPV) vaccines: World Health Organization consultations, October 2021—March 2022. *Vaccine* 2022; 40(41):5843-5855
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32. Robles C, Rudzite D, Polaka I, Sjomina O, Tzivian L, Kikuste I, Tolmanis I, VanagsA, Isajevs S, Liepniece-Karele I, Ražuka-Ebela D, Parshutin S, Park JY, **Murillo R**, Herrero R, Leja M. Assessment of Serum Pepsinogens with and without Co-Testing with Gastrin-17 in Gastric Cancer Risk Assessment—Results from the GISTAR Pilot Study. *Diagnostics* 2022, 12, 1746. <https://doi.org/10.3390/diagnostics12071746>
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