

Welcome to the AI4PEP bi-weekly News Brief. This week, we're excited to share that Team Brazil won first place in the Falling Walls Lab Brazil 2023 and will be heading to the finals in Berlin. They also published three papers in the past two weeks. Dr. Colomé, director of Team Dominican Republic, was awarded the Corripio Foundation Award in Natural and Health Sciences, "Epidemiology" category and was elected as president of the Dominican Association of Pediatric Researchers (ADIP). Team Peru is in the initial stages of creating the first-of-its-kind tropical AI network.

### Key achievements

In a resounding victory, Team Brazil won the first-place title at the Falling Walls Lab Brazil 2023 competition with their project titled "Breaking the Wall of Fake News." Their triumph secured them a spot in the world finals scheduled for November 7th, 2023, in Berlin where they will compete against 100 ideas from around the world. We wish our team the best of luck! The project's details and the team's journey to victory can be explored further in the article titled, "[Falling Walls Lab Brazil 2023 awards platform that uses machine learning to combat fake news.](#)"



Dr. Colomé, the Team Dominican Republic Director, has been honoured with the prestigious Corripio Foundation Award in the "Epidemiology" category within the Natural and Health Sciences. This [accolade](#) celebrates outstanding individuals who elevate Dominican culture and the country to the highest level. Furthermore, in a demonstration of their commitment to furthering the field of paediatrics, both Dr.

Colomé and Dr. Herrera have taken on pivotal leadership roles. Dr. Colomé has been officially sworn in as President, with Dr. Herrera as Vice-President of the [Dominican Association of Pediatric Researchers \(ADIP\)](#). Their mandate for the next three years is to continue to promote high-quality health research across the nation in the field of paediatrics and they aspire to achieve global recognition.

Team Peru has started coordinating with the Institute of Tropical Medicine to create a tropical AI network which will be the first of its kind in the region. Such initiatives are paramount for strengthening collaboration between scientists while ensuring the knowledge transfer is locally relevant.

### Publications and papers

Team Brazil made significant progress in the past two weeks. They had three papers accepted with research topics that include improving genome recovery and utilizing a deep learning approach to enhance non-coding RNA classification.

### Media coverage and citations in public events

Dr. Colomé (Team Dominican Republic) was invited to speak at the talk show "Punto de Análisis," where he shared his expertise in epidemiology. His insightful discussions encompassed critical topics such as the identification of children with microcephaly, ensuring timely interventions for a brighter future. The interview can be accessed here: [Epidemiólogo resalta necesidad de estudiar la microcefalia en el país – El Nuevo Diario \(República Dominicana\)](#)



Institute of Tropical Medicine (IMT) has highlighted Team Peru's research project of harnessing the power of artificial intelligence for cough monitoring. Read more about their work here: [Proyecto sobre monitoreo de tos basado en inteligencia artificial propuesto por Investigadores del IMTAvH es financiado por red internacional AI4PEP.](#)

The team's project involves leveraging the capabilities of artificial intelligence to monitor and analyze cough patterns. Their dedication to

advancing healthcare and harnessing cutting-edge technology, such as AI, has not only earned them recognition on a global scale but also holds the promise of revolutionizing the way we approach healthcare diagnostics.