Dear reader,

As we approach the end of the year, we look back at what a year it has been and how much has been achieved in the field of cancer research. The past year has been marked by significant advancements and discoveries, which has brought hope to those affected by cancer and opened up new avenues for treatment and prevention.

One of the most notable achievements is the development of an AI-based system for skin cancer diagnosis. German researchers have pioneered this system, which provides dermatological explanations based on specific lesion characteristics. The results suggest that XAI has the potential to boost cancer research. Since 2019, key players from science, politics, and business have been working together to support the German National Decade against Cancer, led by the Federal Ministry of Education and Research. The National Decade has reached its halfway point and continues to make significant progress.

In addition to the support from the government, there has also been a push for dual citizenship laws, opening new opportunities for international skilled workers. Under the new law, foreign nationals can apply for German citizenship, making it possible for non-EU citizens to apply. This represents a significant step towards embracing diversity and fostering a more inclusive society.

On the personal front, José Luis has been exploring the effects of cancer cells in space. His research is part of a broader project that involves German researchers conducting experiments during parabolic flight or on the ISS. However, José was not only interested in the effects of space on cancer cells, but also in the potential of personalized cancer vaccines. This research has achieved quite astonishing results, both for diagnosis and treatment. Germany and its research institutions are a key player in unlocking the potential of personalized cancer vaccines.

As we look forward to 2024, there are several upcoming events that are worth keeping an eye on. The Frankfurt Cancer Conference is scheduled for 28-30 August, with a focus on the latest research news and upcoming events. The Medical Academy of the German Cancer Research Center will host a seminar on 19 March, discussing cancer research in historical humanities. Additionally, there will be a seminar on 1 November featuring a talk by José Luis about his mission in space.

We hope you find this issue informative and inspiring. With this in mind, we wish you an encouraging and inspiring read!

With gratitude,

[Signature]