

## NRS Young Investigator Travel portfolio

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### Short report

I started my adventure by riding the train from Groningen, across the beautiful hills in Germany to the mountains in Austria. There, from 04-03-2024 until 06-03-2024, I attended the CNAPS (circulating nucleic acid in plasma and serum congress) in beautiful Graz, the second largest city in Austria. The congress presented the latest research in the field of circulating nucleic acids. Within my research field, non-small cell lung cancer (NSCLC), circulating tumor DNA (ctDNA) is a powerful biomarker for minimal residual disease (MRD) detection and monitoring and can be a non-invasive approach of treating cancer based on a real-time assessment of the tumor genomic landscape. I presented my own work, in which we measured plasma-derived ctDNA in patients with advanced stage EGFR exon 20 mutation-positive NSCLC treated with a double dosage of Osimertinib. It was really interesting to discuss my work with other investigators in the field. The sessions of the congress were really impressive and educational, especially about detection using ctDNA in cancerous diseases. Moreover, as a physician I also enjoyed the session #3: *cfDNA in Physiological and pathological conditions* in which the applicability of cfDNA was mentioned in regarding to lung transplantation and the detection of tuberculosis.

