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## **Biomarkers for the response to immunotherapy in patients with non-small cell lung cancer**

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## Dankwoord

“Wat ik vroeger niet kon, wat ik nu dus inmiddels wel kan”, de uitspraak van mijn moeder Lia Charité († 01-03-2018) op haar sterfbed. Als je eenmaal door hebt waar het leven echt om draait, een inzicht dat je soms kan krijgen als je de dood in de ogen kijkt bij een kankerdiagnose, is het soms helaas te laat. Met dit proefschrift hoop ik dat degenen met ditzelfde inzicht de kans krijgen er nog iets mee te doen, door ze meer tijd en/of een goede, behouden kwaliteit van leven te geven. Dit proefschrift draag ik dan ook op aan mijn moeder, doordat ik door haar de motivatie voel om onderzoek te blijven doen: er valt nog zoveel te ontdekken. Mam, ik weet dat je er bent: bedankt dat je er was en voor al je steun.

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In dit proefschrift staan veel projecten met verschillende onderzoeksgroepen:

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## List of publications

### This thesis

Zago G\*, **Muller M\***, van den Heuvel M, Baas P. New targeted treatments for non-small-cell lung cancer - role of nivolumab. *Biologics*. 2016;10:103-17.

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\*Contributed equally

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## Curriculum Vitae

Mirte Muller werd in 1988 in het Catharina Ziekenhuis te Eindhoven geboren. Haar vwo-diploma, met als profiel natuur en gezondheid en vrije keuze economie 1,2, haalde ze in 2006 op het Luzac college te Eindhoven. Ze werd dat jaar gelijk ingeloot voor de studie geneeskunde, bij haar eerste keuze de AMC-UvA Amsterdam. Na 4 jaar theorie sloot ze haar doctoraal af met een onderzoeksstage in het Antoni van Leeuwenhoek ziekenhuis, onder leiding van dr. B. Taal en Dr. T. Korse, met een onderzoek naar chromogranine A en protonpomp remmers. Hierna nam ze een jaar vrij om te werken en te reizen naar de verenigde staten en Maleisië. In dat jaar bleef ze werken in het Antoni van Leeuwenhoek ziekenhuis op de afdeling bloedafname en radiologie. In juli 2011 startte ze haar co-schappen en legde deze met goed gevolg af. Zij koos voor een keuze co-schap bij de kinderoncologie en sloot af met een stage interne oncologie, deze laatste opnieuw in het Antoni van Leeuwenhoek ziekenhuis. In december 2013 sloot ze het artsexamen met goed gevolg af.

Haar eerste baan was in het Elkerliek ziekenhuis te Helmond, waar ze voor alle beschouwende specialismes (Interne geneeskunde, cardiologie, longgeneeskunde, neurologie en geriatrie) dienst had. Haar eerste baan combineerde ze met een bestuursfunctie, activiteitencommissaris, van de Amsterdamse Studenten Zwemvereniging SPONS (ASZV SPONS). Na een klein jaar startte ze in januari 2015 op de afdeling van Interne Oncologie van het voormalige Daniel den Hoed kliniek te Rotterdam.

In Oktober 2015 begon ze haar promotietraject in het Antoni van Leenwenhoek ziekenhuis, afdeling thorax oncologie, onder leiding van prof. Dr. P. Baas en dr. M. M. van den Heuvel, inmiddels ook professor. Na 4 jaar fulltime onderzoek begon zij weer in de kliniek. Na een korte zoektocht naar een opleidingsplek, waarbij ze onder andere op beide AUMC-locaties heeft gewerkt, begon zij in september 2020 bij de afdeling longgeneeskunde van het Catharina Ziekenhuis te Eindhoven. Hier werd zij in februari 2021 aangenomen voor de opleiding tot longarts. In augustus 2021 startte ze de vooropleiding in het Dijklander ziekenhuis te Hoorn, waarna ze nu de vervolgopleiding tot longarts in het Catharina Ziekenhuis volgt.

Zij woont samen met haar vriend Myron en dochter Lina in Best. In juli 2024 verwachten zij hun tweede kindje.

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