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## novel analytical approaches to characterize particles in biopharmaceuticals

Grabarek, A.D.

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**Novel analytical  
approaches to characterize  
particles in  
biopharmaceuticals**

Adam Grabarek

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PhD thesis with summary in Dutch

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# **Novel analytical approaches to characterize particles in biopharmaceuticals**

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Adam Dariusz Grabarek  
*geboren te Warschau, Polen*  
*in 1990*

**Promotor:** Prof. dr. Wim Jiskoot

**Co-promotor:** dr. Andrea Hawe

**Promotiecommissie:**

Prof. dr. Hubertus Irth, Leiden University, LACDR, chair

Prof. dr. Joke A. Bouwstra, Leiden University, LACDR, secretary

Prof. dr. Henderik Frijlink, Groningen University

Prof. dr. Anne Juppo, University of Helsinki

Prof. dr. Olivia Merkel, Ludwig Maximilian University of Munich

Prof. dr. Gerard van Westen, Leiden University, LACDR

Prof. dr. David Volkin, University of Kansas

*To Louise*



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