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A computational study on the nature of DNA G-quadruplex structure

Gholamjani Moghaddam, Kiana

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**A computational study on the
nature of DNA
G-quadruplex structure**



**university of
 groningen**

faculty of mathematics and
 natural sciences

zernike institute for
 advanced materials

The work described in this thesis was performed in the research group Theoretical Chemistry and Molecular Dynamics of the Zernike Institute for Advanced Materials at the University of Groningen, the Netherlands.

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and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

Friday 19 March 2021 at 12:45 hours

by

Kiana Gholamjani Moghaddam

born on 23 January 1981
in Rasht, Iran

Supervisors

Prof. S. Faraji
Prof. S.J. Marrink

Co-supervisor

Dr. A.H. de Vries

Assessment Committee

Prof. A. Dreuw
Prof. A. Borschevsky
Prof. R.C. Chiechi

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