# Metagenomics : beyond the horizon of current implementations and methods

Khachatryan, L.

# Metagenomics: Beyond the horizon of current implementations and methods

Lusine Khachatryan

This work is part of the research programme "Forensic Science" with project number 727.011.002, which is financed by the Dutch Research Council (NWO).

**ISBN:** 9789464020892
**Cover Artwork**: Alessandra Sequeira
**Printing**: GILDEPRINT, www.gildeprint.nl

# Metagenomics: Beyond the horizon of current implementations and methods

PROEFSCHRIFT

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 28 april 2020
klokke 16:15 uur

door

Lusine Khachatryan
geboren te Jermuk, Armenië in 1990

| | |
|---|---|
| Promotor: | Prof. dr. P. de Knijff |
| Co-promotor: | Dr. J. F. J. Laros |
| Leden promotiecommissie: | Prof.dr. A. Geluk<br>Prof. dr. A. C. M. Kroes<br>Prof. dr. J. N. Kok[1]<br>Dr. T. Sijen[2] |

1 Faculty of Electrical Engineering, University of Twente, Enschede, The Netherlands
2 Netherlands Forensic Institute, The Hague, The Netherlands

Моему Папочке

*Matthew 7:7 New International Version*

*"Ask and it will be given to you; seek and you will find;*
*knock and the door will be opened to you"*

# Contents