MASSEY UNIVERSITY
GRADUATE RESEARCH SCHOOL

STATEMENT OF CONTRIBUTION TO DOCTORAL THESIS CONTAINING PUBLICATIONS

(To appear at the end of each thesis chapter/section/appendix submitted as an article/paper or collected as an appendix at the end of the thesis)

We, the candidate and the candidate's Principal Supervisor, certify that all co-authors have consented to their work being included in the thesis and they have accepted the candidate's contribution as indicated below in the *Statement of Originality*.

Name of Candidate: Natalie Parlane

Name/Title of Principal Supervisor: Professor Bernd Rehm

Name of Published Research Output and full reference:

Bacterial polyhydroxyalkanoate granules: Biogenesis, structure and potential use as micro-/ nano-beads in biomedical applications. Katrin Grage, Anika C. Jahns, Natalie Parlane, Rajasekaran Palanisamy, Indira A. Rasiah, Jane A. Atwood and Bernd H. A. Rehm.
Published: Biomacromolecules, 2009, 10(4), 660–669

In which Chapter is the Published Work: 1B

Please indicate either:

- The percentage of the Published Work that was contributed by the candidate: 20%

  and / or

- Describe the contribution that the candidate has made to the Published Work:

  This review was jointly written by all authors. Natalie Parlane made a specific focus on the section describing structure of PHA granules.

Natalie Parlane — Digitally signed by Natalie Parlane DN: cn=Natalie Parlane, o=AgResearch, ou=Immunology - Infectious Diseases, email=natalie.parlane@agresearch.co.nz, c=NZ Date: 2011.12.02 10:58:19 +13'00'

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Date