University of Groningen

Endosymbionts as a substitute for the paternal genome in asexual haplodiploid insects

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DOI:
[10.33612/diss.174044388](https://doi.org/10.33612/diss.174044388)

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Document Version
Publisher's PDF, also known as Version of record

Publication date:
2021

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):
Chen, F. (2021). *Endosymbionts as a substitute for the paternal genome in asexual haplodiploid insects*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.
<https://doi.org/10.33612/diss.174044388>

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1. The incompatibility between Complementary Sex Determination and endosymbiont-induced thelytoky needs to be reconsidered, as endosymbionts themselves can initiate the feminization of a diploid homozygote (Ma et al. 2015, this thesis).
2. Investigating the mechanism of thelytoky requires consideration of the endosymbiont's interference of host sex determination (This thesis).
3. A critical endosymbiont density is required for inducing thelytoky (Ma et al. 2015, this thesis).
4. A *Wolbachia*-induced factor substitutes the role of the paternal genome in determining femaleness in *Asobara japonica* (This thesis).
5. The activation of the primary sex determination signal can already occur during oogenesis (This thesis).
6. The first step of working with insects: do not be afraid of the research object. The next phase of working with insects: keep them alive.
7. A line of Lu You's poem describes how it feels that recurring unexpected results eventually can lead to the discovery of fascinating things: "Mountains multiply, streams double back – I doubt there's even a road; willows cluster darkly, blossoms shine – another village ahead."
8. The size does not determine the importance of an organism. After all, an organism is an organism, no matter how small.