

## APPENDIX I: Thesis outputs

### 1. Publications

- Zablocki, O., Rybicki, E., and Cowan, D.A., 2014. First report of a potyvirus infecting *Albuca rautanenii* in the Namib Desert. *Plant Disease* 98(12):1749.
- Zablocki, O., van Zyl, L., Adriaenssens, E.M., Rubagotti, E., Tuffin, M., Cary, C., and Cowan, D.A., 2014. High-level diversity of tailed phages, eukaryote-associated viruses, and virophage-like elements in the metaviromes of Antarctic soils. *Applied and Environmental Microbiology* 80(22):6888-6897.
- Zablocki, O., van Zyl, L., Adriaenssens, E.M., Rubagotti, E., Tuffin, M., Cary, C., and Cowan, D.A., 2014. Niche-dependent genetic diversity in Antarctic metaviromes. *Bacteriophage* 4(4):e980125.
- Zablocki, O., Adriaenssens, E.M., Cowan, D.A., 2015. Diversity and ecology of viruses in hyperarid desert soils. *Applied and Environmental Microbiology* (mini-reviews). Manuscript in production, DOI: 10.1128/AEM.02651-15
- Zablocki, O., Adriaenssens, E.M., Ramond, J-B., Frossard, A., Vikram, S., Scola, V., Seely, M. and Cowan, D.A., 2015. Extracellular virus diversity and biogeography in Namib Desert soils. Manuscript submitted.

### 2. Conference outputs

- Olivier Zablocki, Evelien M. Adriaenssens, Pieter De Maayer, Lonnie van Zyl, Marla I. Tuffin, Mary Seely and Don Cowan. 2013. Metaviromics of extreme terrestrial habitats. *2<sup>nd</sup> International Conference on Functional Metagenomics*. Poster presentation.
- Olivier Zablocki, Lonnie van Zyl, Evelien Adriaenssens, Enrico Rubagotti, Marla Tuffin, Craig Cary and Don Cowan. 2014. Viruses from a cold hyperarid desert: a comparative metagenomic analysis of hypolithic and open soil biotopes. *15<sup>th</sup> International Symposium on Microbial Ecology*. Oral presentation.