1. Basic background – introduce *Streptomyces*, put them in their ecological context, give the relevance/impact – natural products
2. Pathways for natural product biosynthesis and how they’re regulated
3. Antimycin and control of the BGC cluster expression
4. Sigma factors and how they work – anti-sigma factors and other control mechanisms; specifics about how sigma factors involved in natural product biosynthesis are controlled
5. Another way to control sigma activity – Clp protease introduced, and explain how it works and 🡪 the idea that Clp degrades sigma(AntA)