

Appendix 3

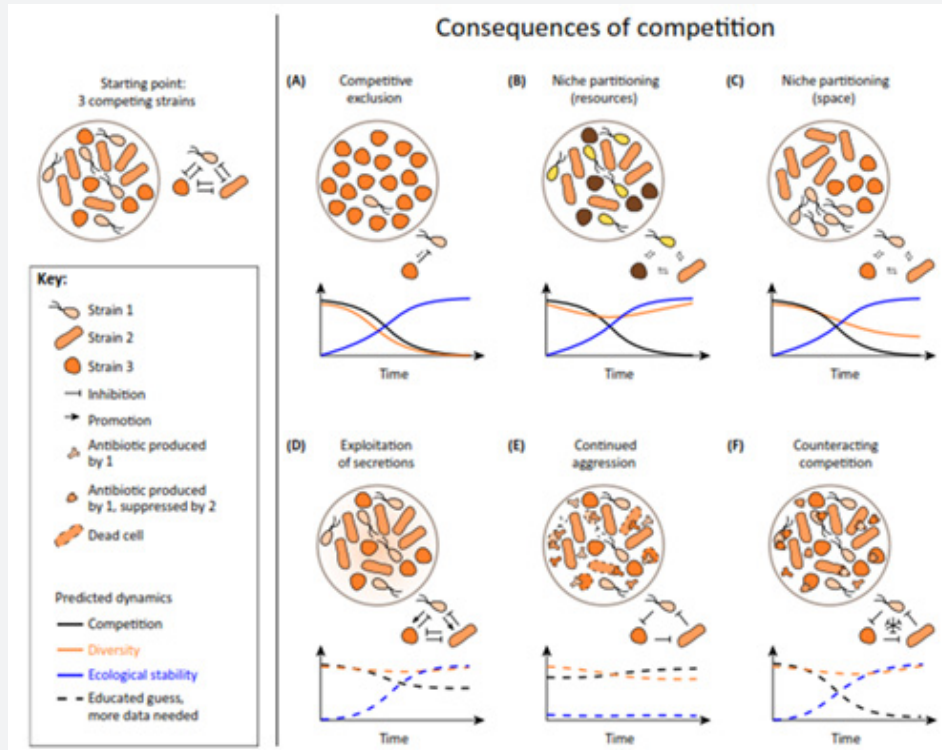


Figure 14: Show three strains of microbe that compete with one another initially (high competition, high diversity and low stability, see top left) and the possible outcomes of this competition as proposed in the literature. Under the top three scenarios (A–C), we plot the predicted dynamics in competition, community diversity, and ecological stability over time, beginning from high competition and diversity, and low stability. The dynamics of competition, diversity and stability in the bottom three scenarios (D–F) are less well understood. Broken lines represent theoretical predictions that have not yet been extensively tested experimentally [116].