

Figure 1 **A** - Fractionation RP-HPLC chromatogram of detected antibiotics corallopyronin A and corallopyronin B, **B** - UV spectrum of corallopyronin A with the max. at 302 nm, and **C** - ESI-HRMS spectrum, showing the prominent ion clusters for $[M-H_2O+H]^+$ at m/z 510.2848 and for $[M+Na]^+$ at m/z 550.2773.

Figure 2 **A** - Fractionation RP-HPLC chromatogram of myxalamid C and myxalamid B, **B** - UV spectrum of myxalamid B with the max. at 358 nm, and **C** - ESI-HRMS spectrum, showing the prominent ion clusters for $[M-H_2O+H]^+$ at m/z 384.2893, for $[M+H]^+$ at m/z 402.3001 and for $[M+Na]^+$ at m/z 424.2821.

Figure 3 Morphological features of *Myxococcus xanthus* V3-1 **A** - formation of fruiting bodies on WY medium with streak of *E. coli*, **B** - fruiting bodies and gliding motility observed on CY medium, **C** - macroscopic observation on CY medium, and *Coralloccoccus coralloides* K9-5 **D** - formation of fruiting bodies on WY medium with streak of *E. coli*, **E** - fruiting bodies and gliding motility observed on CY medium, **F** - macroscopic observation on CY medium

Figure 4 Phylogenetic position of isolates K9-5 and V3-1 based on 16S rRNA gene sequences