Air & Ground Sampling Campaign Samples processing **Analysis** A) Source tracking DNA extraction **16S & ITS** sequencing B) Amplicon sequencing S01 S03 S02 S04 02/17-02/23 Bacteria Fungi Sampling Schedule (2014) **Bacterial** S11 S12 02/24-03/02 Culture 03/03-03/09 Mara Herena Heri 03/10-03/16 Flight Ground MALDI-TOF MS 03/17-03/23 03/24-03/30-S15 S17 S16 S18 Identified S13 S14 Unidentified 03/31-04/06-**Bacteria Bacteria** S19 S21 S20 S22 C) Culturing & AMR 04/07-04/13-Mon Tue Wed Thu Fri Sat Sun DNA Antibiotic Extraction testing Flight collection **Ground collection** D) Chemical Analysis **16S** Sequencing Major and trace elemental analysis (ICP-AES / ICP-MS)