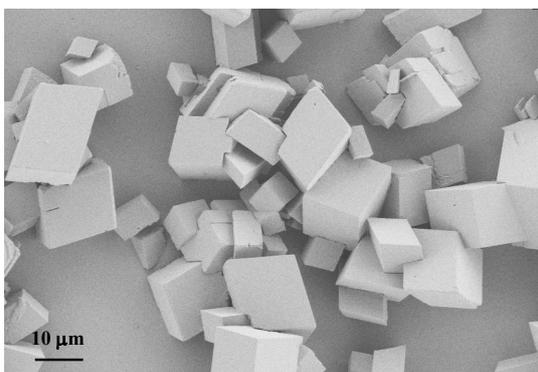
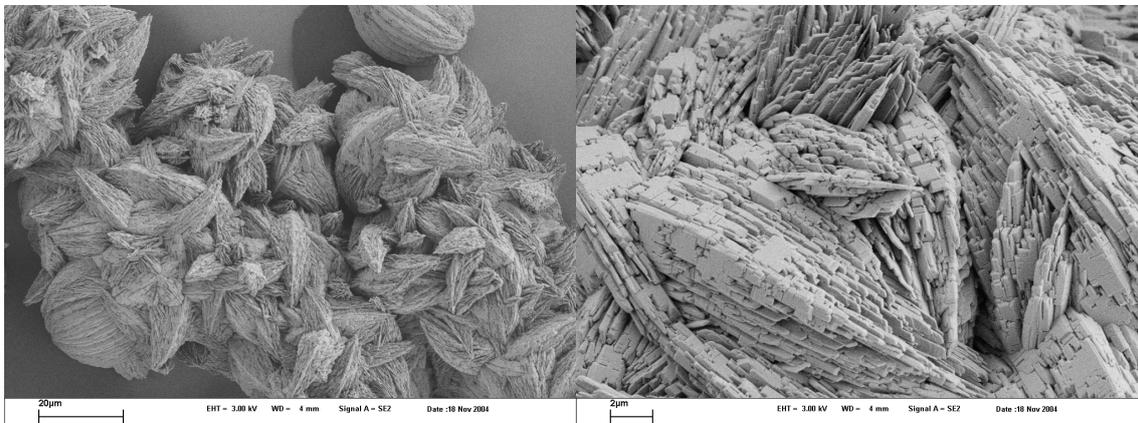


Supporting info to

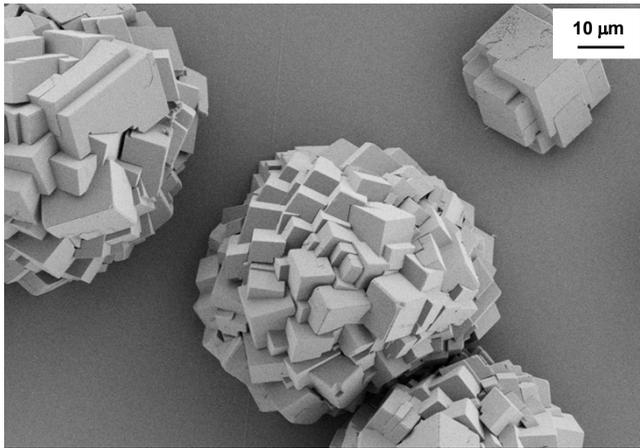
Structural Evolution of Highly Organized Aragonite Superstructures Obtained in the Presence of the Siderophore Deferoxamine under biomimetic conditions



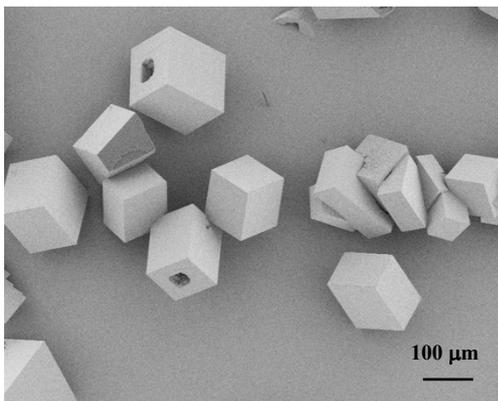
S.I. 1. SEM images of rhombohedral calcite obtained by CaCO_3 crystallization performed without any additives in a 0.01 M CaCl_2 solution.



S.I. 2 shows an example for a highly complex intergrowth of the outgrowing structures.



S.I. 3. SEM images of calcium carbonate crystals obtained in the presence of the suberohydroxamic acid (3.2 mg/mL). The predominant morphology are spherical aggregates of rhombohedral calcite.



S.I. 4. SEM images showing crystals precipitate with the counter-anion of the commercially available siderophore deferoxamine, the methanesulfonic acid (0.5 mg/mL).