Add hydrogens New linkers (heavy atoms) Linkers w/o dummy atoms (23,760)(15,595)Diffuse and Denoise Unique linker fragments Identify dummy atoms (552)Generate connection atoms using DiffLinker Linkers with dummy atoms (6,152)Screen: Remove linkers with S, Br and I Evaluate: SAscore, SCscore, validity, uniqueness and internal diversity Assemble **New MOFs** Linkers candidates (40,000)with Zn tetramer node (5,162)in pcu topology