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*Diagram algebras in Khovanov- and Heegaard Floer-type homology theories. Preliminary report.

Given a tangle, one can associate to it two different sequences of categorified tangle invariants: the Khovanov homology bimodules defined by Chen-Khovanov and Brundan-Stroppel, and the bordered Floer homology bimodules of the branched double-cover of the tangle, defined by Lipshitz-Ozsváth-Thurston. In this talk, I will discuss a partial relationship between these two sequences of invariants and, in particular, describe a connection between the generators of the dg-algebras appearing in the two theories. (Received January 29, 2012)