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**Ciprian Manolescu\*** ([cm@math.columbia.edu](mailto:cm@math.columbia.edu)), Dept. of Mathematics, Columbia University,  
2990 Broadway, MC 4410, New York, NY 10027. *Link homology theories from symplectic  
geometry.*

We use Lagrangian Floer homology to construct a series of link invariants, which we conjecture to be equivalent to the Khovanov-Rozansky homologies. Our work generalizes a construction of Seidel and Smith. (Received January 23, 2006)