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## **Resonance dynamics in U(3) chiral theory and its relevance in the determination of light-quark mass**

I will first review our study of the resonance dynamics in the U(3) chiral theory. Then I will focus on the determination of the light-quark mass by taking the spectral functions from the U(3) chiral theory within the framework of QCD sum rule. It turns out that once the scalar dynamics in the spectral function is properly included, the resulting values of the light-quark mass in the isoscalar scalar QCD sum rules become compatible with those from other approaches.

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