

Meson-Nucleus bound states

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Spectroscopy of meson-nucleus bound systems provide precious opportunities to study low-energy QCD in view of partial restoration of the chiral symmetry in nuclear medium. Non-perturbative nature of the QCD in the low energy region exhibits many interesting features, which include chiral symmetry breaking, non-trivial structure of vacuum, and so on. We will discuss recent progress and future perspectives in the spectroscopy of pionic atoms and eta/eta'-mesic nuclei.

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