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**Next Generation Neutrinoless Double Beta-Decay: Probing Majorana Neutrino Masses Below the 100 meV Level<sup>1</sup>**  
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Neutrinoless double beta-decay is a unique tool for probing the absolute mass of neutrinos and determining whether the neutrino is a Dirac or Majorana particle. Neutrino oscillations experiments have established several possible scenarios for the hierarchy of neutrino masses. We present ongoing and planned double beta-decay experiments and their potential impact on our understanding of these mass hierarchy scenarios.

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