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### Research Focus Areas:

**CDKL5 Deficiency Disorder (CDD):** This funding opportunity will focus on proposals with a strong likelihood of future federal funding to improve the health of patients affected by CDKL5 Deficiency Disorder (CDD). **One \$60,960 grant is available.** Examples of desirable research priorities include, but are not limited to:

1. Research dedicated to furthering the understanding of CDKL5 function to inform the development of targeted, novel therapies.
2. Development of sensitive biomarkers with temporal specificity that may be useful in determining the clinical efficacy of a potential therapy
3. Research to enhance our understanding of the cellular, molecular, genetic, and systems-level mechanisms contributing to the pathogenesis of CDD, facilitating the continued investigation of disease-modifying strategies.
4. Research aimed at improving CDD disease models (e.g., cell-based, tissue-based, or animal models) in an effort to assess the potential efficacy of therapeutic interventions against phenotypic deficits in the CDD patient population.

The International Foundation for CDKL5 Research encourages collaborative research that leverages existing resources (e.g., animal models, iPSCs, ICDD registry data). This grant is made possible by Team "CDKL5 Riding for a Cure" and the International Foundation for CDKL5 Research.