

2021 CureSearch Pediatric Early Development Symposium

Pediatric Oncology Clinical Trial Development: *New Approaches for a Changing World*

The CureSearch Pediatric Early Development Symposium (PEDS) was held virtually on October 6-8, 2021. This second annual event convened representatives from all areas of pediatric oncology – pharmaceutical and biotechnology companies, clinical research organizations, academic leaders, parents and patient advocates, venture capitalists, regulators and like-minded partners. Attendees and speakers joined from across the United States, Canada, Switzerland, the United Kingdom, the Netherlands, China and Spain.

Attendees participated in a three-day meeting addressing the following topics: Expanding the Global Footprint of Pediatric Oncology Clinical Trials; Real-world Data and External Control Arms; Pharmacokinetics in Pediatric Clinical Trial Design: How Do We Find the “Right” Dose?; Clinical Trials with Combination Therapies; Decentralized Clinical Trials; and the keynote presentation, The Path of a Pediatric Targeted Therapy Through Drug Development.

The recurring themes throughout the Symposium were global coordination and cooperation, and innovation in clinical trial design to prioritize pediatric cancer patients in drug development.

Based on robust panel discussions and participant insight, CureSearch has identified three key impact areas for follow-up initiatives. Working collaboratively with global stakeholder and volunteer leaders, CureSearch will execute on the following strategies over the next 24 months:

2021 Pediatric Early Development Symposium Action Plan

Based on robust panel discussions and audience participation, CureSearch has identified three key opportunities below. Over the next 12 months, working collaboratively with global stakeholder and volunteer leaders, CureSearch will execute on the following strategies:

Strategy

Provide educational resources around global consortia, implementation case studies, model-informed drug discovery tools, and other relevant topics to promote cooperation and innovation in pediatric cancer clinical trial design.

Promote collaboration among industry and academia to support the education of the next generation of pediatric oncologists in drug development.

Explore mechanisms to improve patient education and experience with pediatric oncology clinical trials.

Actions

- Develop content for resource pages on curesearch.org to place resources at industry and academic colleagues' fingertips.
- Develop educational and collaboration opportunities to explore the potential role for machine learning and artificial intelligence in pharmacokinetic modeling.

- Develop and implement a CureSearch Young Investigator mentorship program.

- Collaborate with thought leaders to promote an understanding of the benefits and important considerations relating to decentralized clinical trial implementation.
- Provide patient and family education on identification of and participation in pediatric oncology clinical trials.



CURESEARCH
FOR CHILDREN'S CANCER

Updated Jan. 2022