

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

Critical Path Initiative

RRID:SCR_012967

Type: Tool

Proper Citation

Critical Path Initiative (RRID:SCR_012967)

Resource Information

URL: <http://www.fda.gov/ScienceResearch/SpecialTopics/CriticalPathInitiative/>

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Description: The FDA's national strategy for transforming the way FDA-regulated products--human drugs, biological products, medical devices, veterinary drugs, foods, and cosmetics--are developed, evaluated, manufactured, and used. Specific key areas of focus identified by FDA experts and the public: * Developing better evaluation tools like biomarkers and new assays * Streamlining clinical trials by modernizing the clinical trial sciences to make trials safe and efficient * Harnessing bioinformatics (e.g., moving from a paper-based to electronic environment for exchanging information and overseeing the safety of FDA-regulated products) * Moving manufacturing into the 21st Century, using tools such as process analytic technology and nanotechnology * Developing products to address urgent public health needs, including, improved antimicrobial testing, new animal models to test bioterrorism countermeasures and vaccine testing * Focusing on at-risk populations, such as pediatrics

Abbreviations: CPI

Synonyms: Critical Path

Resource Type: data or information resource, portal

Keywords: medical product, drug, biological product, medical device, veterinary drug, food, cosmetic, develop, evaluate, manufacture

Funding: U.S. Food and Drug Administration

Resource Name: Critical Path Initiative

Resource ID: SCR_012967

Alternate IDs: nif-0000-30394

Alternate URLs: <http://www.fda.gov/oc/initiatives/criticalpath/whitepaper.pdf>

Record Creation Time: 20220129T080313+0000

Record Last Update: 20260912T200101+0000

Ratings and Alerts

No rating or validation information has been found for Critical Path Initiative.

No alerts have been found for Critical Path Initiative.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Issa NT, et al. (2022) A novel chemo-phenotypic method identifies mixtures of salpn, vitamin D3, and pesticides involved in the development of colorectal and pancreatic cancer. Ecotoxicology and environmental safety, 233, 113330.