



**PPD Business Highlights
May 2019**

**HELPING DELIVER LIFE
CHANGING THERAPIES**

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Making Drug Development News



PPD and HLT to Create Data Science-driven Clinical Research Solutions in China

- Collaboration will deliver a distinctive service offering to the China drug-development market



New Therapeutic Area Leaders Extend PPD's Drug Development Capabilities

- Adding significant therapeutic expertise in cardiovascular disease, critical care, endocrinology, metabolism and diabetes



PPD Expands GMP Lab Testing Capabilities for Biologics

- GMP lab adding gene and cell therapy analytical testing in Athlone, Ireland, to support pharmaceutical industry's growing need for biologics testing



Synexus Announces U.S.-based Registry to Power Major Longitudinal Study on Brain Aging

- Will support some of the largest studies ever undertaken to identify ways to prevent Alzheimer's and other dementia

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PPD and HLT to Create Data Science-driven Clinical Research Solutions in China

PPD and Happy Life Tech (HLT) of China have signed an exclusive agreement to develop a distinctive service offering for the China drug-development market delivering data science-driven clinical trials and real-world evidence of drug products' effectiveness, safety and value. The strategic collaboration is designed to enhance global pharmaceutical companies' access to China's evolving drug development and post-marketing ecosystem to address unmet clinical needs in China, while enhancing research capabilities for the Chinese pharmaceutical industry in the global market. The combined service offerings are powered by HLT's artificial intelligence and data technology and PPD's global expertise in clinical trial management and evidence generation.

New Therapeutic Area Leaders Extend PPD's Drug Development Capabilities

PPD is adding significant therapeutic expertise in cardiovascular disease, critical care, endocrinology, metabolism and diabetes to further broaden its global product development portfolio. Darell Heiselman, D.O., will lead cardiovascular and critical care and David Klein, M.D., Ph.D., will oversee endocrinology, metabolism and diabetes. Their extensive product development and commercialization experience will bolster the team of therapeutic area professionals PPD has assembled to help its clients capitalize on their important drug development programs.

PPD Expands GMP Lab Testing Capabilities for Biologics

PPD is adding gene and cell therapy analytical testing to its GMP (good manufacturing practices) laboratory in Athlone, Ireland, to support the pharmaceutical industry's growing need for biologics testing. The enhancements in PPD® Laboratories' Athlone location complement the ongoing capacity and capability expansions at its flagship GMP lab in Middleton, Wisconsin, enabling the company to expand the global reach of its industry-leading biologics testing services.

Synexus Announces U.S.-based Registry to Power Major Longitudinal Study on Brain Aging

Synexus, the leading global network of dedicated research sites, announced a collaboration with the University of Exeter in the United Kingdom to launch one of the largest, registry-based research initiatives in the United States to help understand how healthy brains age. The initial goal of the Synexus HealthyMinds Registry (Synexus HMR) is to register 30,000 adults age 50 or older without signs of dementia for a five-year study to examine the lifestyle and genetic risk factors impacting cognitive function over time to identify potential methods of prevention and possible treatments.

Recognized for Excellence, Industry Leadership



As an industry-leading CRO

- CRO Leadership Awards (*Life Science Leader*)
- CRO Quality Award from ACRP and Avoca Group
- Best CRO at World ADC Awards
- Best CRO at Vaccine Industry Excellence Awards
- TOPRA Awards (regulatory affairs)



As a great place to work

- *Forbes* 2019 Best Large Employers list
- Training Top 125 (employee development)
- *PharmaTimes* Clinical Researchers of the Year



As an innovator

- PPD® Laboratories recognized by CenterWatch as a top innovator in drug development
- Medidata Accelerator Award
- CIO 100 and InformationWeek Elite 100

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CRO Leadership Awards

PPD recognized for excellence in clinical research for the eighth consecutive year by pharmaceutical and biotech executives surveyed for *Life Science Leader* magazine's 2019 CRO Leadership Awards. The recognition is based on survey responses from biopharmaceutical industry leaders responsible for making or influencing decisions to collaborate with contract research organizations (CROs) on clinical development programs.

CRO Quality Award

PPD named the winner of the CRO Quality Award from the Association of Clinical Research Professionals (ACRP) and The Avoca Group. PPD's selection was based on The Avoca Group's independent research with investigator sites, which recognized PPD's industry leadership on quality outcomes in the design, execution and oversight of clinical trials, as well as strong communication and partnership skills.

Best CRO at World ADC Awards

PPD named Best CRO Provider at the World ADC Awards. This recognition acknowledges the excellence and dedication of PPD® Laboratories professionals in supporting clients' antibody-drug conjugate (ADC) research to develop new anticancer therapies.

Best CRO at Vaccine Industry Excellence Awards

PPD named the Best Contract Research Organization (CRO) at the Vaccine Industry Excellence Awards at the World Vaccine Congress. The ViE awards celebrate the outstanding achievements of leaders who continually set standards of excellence and advocacy in the vaccine industry.

TOPRA Awards

PPD earned two honors for excellence in regulatory affairs at The Organisation for Professionals in Regulatory Affairs (TOPRA) Awards.

Forbes 2019 Best Large Employers

PPD named to *Forbes* magazine's 2019 list of America's Best Large Employers, marking the second consecutive year the company was selected.

Training Top 125

PPD was named to *Training* magazine's 2019 Training Top 125 list recognizing excellence in employee learning and development. This marks the eighth consecutive year PPD has been named to the magazine's list of top 125 businesses. The Training Top 125 is determined by evaluating companies that demonstrate measurable results in achieving business goals advanced by effective employee learning and development initiatives.

PharmaTimes Clinical Researchers of the Year

PPD was recognized for its clinical research expertise at the *PharmaTimes* International Clinical Researcher of the Year competition. In the international awards, a PPD clinical research associate (CRA) earned gold in the "Aspiring Clinical Research Associate" category. In the Americas-based competition, two PPD CRAs won gold in the "Experienced Clinical Research Associate" and "New Clinical Research Associate" categories.

PPD® Laboratories recognized by CenterWatch as a top innovator in drug development

PPD® Laboratories recognized as a 2018 top innovator in drug development by CenterWatch, a leading publisher of clinical trials information for clinical research professionals. PPD's Preclarus® investigator site portal and companion mobile application were acknowledged for industry leadership in the *CenterWatch Monthly* 25th anniversary special edition, which spotlights top innovators in clinical research.

Medidata Accelerator Award

PPD honored by Medidata with its Medidata Accelerator Award, recognizing PPD's commitment to innovation for advancing and accelerating the drug development process. PPD uses Medidata's data-driven solutions to support its protocol optimization process, as well as to help site feasibility and selection on behalf of its clients.

CIO 100

PPD selected as one of the most innovative organizations using information technology at IDG's *CIO* magazine's annual CIO 100 Awards. PPD's technology features innovations, including utilizing wearable or mHealth technology, and Preclarus®, PPD's portfolio of solutions that provides clients transparent, real-time access to clinical trial operations and patient data to bring life-saving therapies to patients.

InformationWeek Elite 100

PPD was named to the InformationWeek Elite 100, a list of the top business technology innovators in the United States.



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