
Movement Disorders Congress 2021 | Presentations on behalf of CPP

Critical Path for Parkinson's members, advisors and staff submitted six posters on behalf of CPP and CPP's digital effort, Digital Drug Development Tools (3DT), to MDS Virtual Congress 2021. All abstracts are available [here](#).

[Data Driven Paths to Advancing Precision Medicine Strategies for Parkinson's Disease: Critical Path for Parkinson's Consortium \(abstract #341\)](#)

Martijn Muller¹, David Dexter¹¹, Josh Cosman⁸, Cindy Zadikoff⁸, Shazia Ali², Nazneen Barwick³, Bastiaan Bloem⁴, Babak Boroojerdi⁵, Jackson Burton¹, Camille Carroll⁶, Jesse Cedarbaum⁷, Tien Dam⁹, Polly Dawkins¹⁰, Donald Grosset¹², Nathan Hanan¹, Derek Hill¹³, Michele Hu¹⁴, Danna Jennings¹⁵, Sarah Jones¹⁶, Karl Kieburtz¹⁷, Rachael Lawson¹⁸, Karen Lee¹⁹, Ken Marek²⁰, Helen Matthews²¹, Nitin Mehrotra²², Jose Luis Molinuevo²³, Pierandrea Muglia²⁴, Anna Naito²⁵, Gennaro Pagano²⁶, Pablo Sardi²⁷, Michael Schwarzschild²⁸, Beth-Ann Sieber²⁹, Arthur Simen³⁰, Tanya Simuni³¹, Glenn Stebbins³², Charles Venuto¹⁷, Caroline Williams-Gray³³ & Diane Stephenson¹

[A metadata-driven tool to determine the robustness of digital health technologies assessments for Parkinson's disease leveraging the voice of the patient \(abstract #1314\)](#)

Sakshi Sardar¹, Roopal Bhatnagar¹, Reham Badawy¹³, Jackson Burton¹, Varun Aggarwal¹, Klaus Romero¹, Mike Minchik¹, Mikayla Spott¹, Derek Hill¹, Josh Cosman¹⁴, Claire Lansdall², Glenn T. Stebbins³, Neta Zach⁴, Mark Frasier⁵, Tara Hastings⁵, Monica Javidnia⁶, Joy Duffen⁸, Helen Matthews⁸, Michael Lawton¹, David T. Dexter⁹, Natasha Ratcliffe⁹, Katherine Fisher¹⁰, Lauren Oliva¹⁰, Sarah Jones⁷, Ariel V. Dowling⁴, Marjan J. Meinders¹², Luc J. W. Evers¹², Bastiaan R. Bloem¹², Jesse M. Cedarbaum^{1,11}, Martijn Muller¹ and Diane Stephenson¹

[The Development of a Parkinson's Disease Biomarker Inventory Dashboard \(abstract #308\)](#)

Michael Pauley¹, Kalpana Merchant², Samantha J Hutten², Mark Frasier², Michael Lawton¹, David T Dexter³, Martijn Müller¹ & Diane Stephenson¹

[Identifying and Controlling Variability in Digital Health Measures in Parkinson's disease Clinical Trials \(abstract #342\)](#)

George Roussos¹, Roopal Bhatnagar², Jackson Burton², Josh Cosman³, Adrian Derungs⁴, Ariel V. Dowling⁵, Katherine Fisher⁶, Derek Hill⁷, Krishna Praneeth Kilambi⁶, Luc Evers⁸, Nitin Mehrotra⁹, Martijn Muller², Teresa Ruiz Herrero⁶, Sakshi Sardar², Diane Stephenson²

[Metadata standards to support deployment of Digital Health Technologies in Clinical Trials in Parkinson's Disease \(abstract #1289\)](#)

Derek Hill¹, Diane Stephenson², Jordan Brayanov³, Kasper Claes⁴, Reham Badawy⁵, Sakshi Sardar², Katherine Fisher⁶, Susan J Lee⁷, Anthony Bannon⁸, Viktorija Terebaite⁹, Roopal Bhatnagar²

[Innovation in Parkinson's disease drug development: linking Quantitative Systems Pharmacology to the patient voice \(abstract #287\)](#)

Jeff Barrett¹, Benedetto Piccoli², Martijn Muller¹, Kyle Barrett³, Daniel Goncharov⁴, Chanchala Kaddi⁵, Karim Azer⁶, Klaus Romeo¹ and Diane Stephenson¹