

## 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 Muller<sup>1</sup>, David Dexter<sup>11</sup>, Josh Cosman<sup>8</sup>, Cindy Zadikoff<sup>8</sup>, Shazia Ali<sup>2</sup>, Nazneen Barwick<sup>3</sup>, Bastiaan Bloem<sup>4</sup>, Babak Boroojerdi<sup>5</sup>, Jackson Burton<sup>1</sup>, Camille Carroll<sup>6</sup>, Jesse Cedarbaum<sup>7</sup>, Tien Dam<sup>9</sup>, Polly Dawkins<sup>10</sup>, Donald Grosset<sup>12</sup>, Nathan Hanan<sup>1</sup>, Derek Hill<sup>13</sup>, Michele Hu<sup>14</sup>, Danna Jennings<sup>15</sup>, Sarah Jones<sup>16</sup>, Karl Kieburtz<sup>17</sup>, Rachael Lawson<sup>18</sup>, Karen Lee<sup>19</sup>, Ken Marek<sup>20</sup>, Helen Matthews<sup>21</sup>, Nitin Mehrotra<sup>22</sup>, Jose Luis Molinuevo<sup>23</sup>, Pierandrea Muglia<sup>24</sup>, Anna Naito<sup>25</sup>, Gennaro Pagano<sup>26</sup>, Pablo Sardi<sup>27</sup>, Michael Schwarzschild<sup>28</sup>, Beth-Ann Sieber<sup>29</sup>, Arthur Simen<sup>30</sup>, Tanya Simuni<sup>31</sup>, Glenn Stebbins<sup>32</sup>, Charles Venuto<sup>17</sup>, Caroline Williams-Gray<sup>33</sup> & Diane Stephenson<sup>1</sup>

### [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 Sardar<sup>1</sup>, Roopal Bhatnagar<sup>1</sup>, Reham Badawy<sup>13</sup>, Jackson Burton<sup>1</sup>, Varun Aggarwal<sup>1</sup>, Klaus Romero<sup>1</sup>, Mike Minchik<sup>1</sup>, Mikayla Spott<sup>1</sup>, Derek Hill<sup>1</sup>, Josh Cosman<sup>14</sup>, Claire Lansdall<sup>2</sup>, Glenn T. Stebbins<sup>3</sup>, Neta Zach<sup>4</sup>, Mark Frasier<sup>5</sup>, Tara Hastings<sup>5</sup>, Monica Javidnia<sup>6</sup>, Joy Duffen<sup>8</sup>, Helen Matthews<sup>8</sup>, Michael Lawton<sup>1</sup>, David T. Dexter<sup>9</sup>, Natasha Ratcliffe<sup>9</sup>, Katherine Fisher<sup>10</sup>, Lauren Oliva<sup>10</sup>, Sarah Jones<sup>7</sup>, Ariel V. Dowling<sup>4</sup>, Marjan J. Meinders<sup>12</sup>, Luc J. W. Evers<sup>12</sup>, Bastiaan R. Bloem<sup>12</sup>, Jesse M. Cedarbaum<sup>1,11</sup>, Martijn Muller<sup>1</sup> and Diane Stephenson<sup>1</sup>

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

Michael Pauley<sup>1</sup>, Kalpana Merchant<sup>2</sup>, Samantha J Hutten<sup>2</sup>, Mark Frasier<sup>2</sup>, Michael Lawton<sup>1</sup>, David T Dexter<sup>3</sup>, Martijn Müller<sup>1</sup> & Diane Stephenson<sup>1</sup>

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

George Roussos<sup>1</sup>, Roopal Bhatnagar<sup>2</sup>, Jackson Burton<sup>2</sup>, Josh Cosman<sup>3</sup>, Adrian Derungs<sup>4</sup>, Ariel V. Dowling<sup>5</sup>, Katherine Fisher<sup>6</sup>, Derek Hill<sup>7</sup>, Krishna Praneeth Kilambi<sup>6</sup>, Luc Evers<sup>8</sup>, Nitin Mehrotra<sup>9</sup>, Martijn Muller<sup>2</sup>, Teresa Ruiz Herrero<sup>6</sup>, Sakshi Sardar<sup>2</sup>, Diane Stephenson<sup>2</sup>

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

Derek Hill<sup>1</sup>, Diane Stephenson<sup>2</sup>, Jordan Brayanov<sup>3</sup>, Kasper Claes<sup>4</sup>, Reham Badawy<sup>5</sup>, Sakshi Sardar<sup>2</sup>, Katherine Fisher<sup>6</sup>, Susan J Lee<sup>7</sup>, Anthony Bannon<sup>8</sup>, Viktorija Terebaite<sup>9</sup>, Roopal Bhatnagar<sup>2</sup>

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

Jeff Barrett<sup>1</sup>, Benedetto Piccoli<sup>2</sup>, Martijn Muller<sup>1</sup>, Kyle Barrett<sup>3</sup>, Daniel Goncharov<sup>4</sup>, Chanchala Kaddi<sup>5</sup>, Karim Azer<sup>6</sup>, Klaus Romeo<sup>1</sup> and Diane Stephenson<sup>1</sup>