UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): January 20, 2022

INHIBIKASE THERAPEUTICS, INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-39676 (Commission File Number) 26-3407249 (IRS Employer Identification No.)

3350 Riverwood Parkway SE, Suite 1900 Atlanta, Georgia (Address of Principal Executive Offices)

30339 (Zip Code)

Registrant's Telephone Number, Including Area Code: (678) 392-3419

(Former Name or Former Address, if Changed Since Last Report)

	he appropriate box below if the Form 8-K filing is intended Instruction A.2. below):	to simultaneously satisfy the filing oblig	gation of the registrant under any of the following provisions ⅇ	
	☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)			
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)			
	□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))			
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))			
Securiti	es registered pursuant to Section 12(b) of the Act:			
	Title of each class	Trading Symbol(s)	Name of each exchange on which registered	
	Common Stock, \$0.001 par value	IKT	The Nasdaq Stock Market LLC	
	by check mark whether the registrant is an emerging growth urities Exchange Act of 1934 (§240.12b-2 of this chapter).	company as defined in Rule 405 of the S	Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of	
Emergin	ng growth company 🗵			
	nerging growth company, indicate by check mark if the registring standards provided pursuant to Section 13(a) of the Exchange		transition period for complying with any new or revised financial	

Item 7.01 Regulation FD Disclosure.

On January 20, 2022, Inhibikase Therapeutics, Inc. (the "Company"), made available on the Company's website at www.inhibikase.com a corporate presentation which may be used in presentations to investors and analysts from time to time in the future. A copy of the Company's corporate presentation is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

The information contained in this Current Report on Form 8-K speaks only as of the date hereof. While the Company may elect to update the information in this Current Report on Form 8-K in the future, the Company disclaims any obligation to do so except to the extent required by applicable law.

The information furnished in this Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section. The information in this Item 7.01 of this Current Report on Form 8-K is not incorporated by reference into any filings of the Company made under the Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date of this Current Report on Form 8-K, regardless of any general incorporation language in the filing unless specifically stated so therein.

(d) Exhibits.

Number	<u>Description</u>
<u>99.1</u>	Corporate Presentation of Inhibikase Therapeutics, Inc.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

-2-

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: January 20, 2022 INHIBIKASE THERAPEUTICS, INC.

By: /S/ MILTON H. WERNER

Milton H. Werner, Ph.D.

President and Chief Executive Officer



Disclaimer

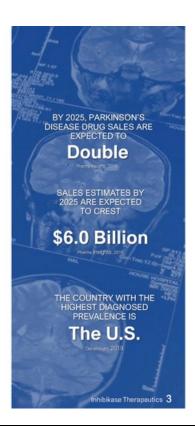
This presentation shall not constitute an offer to sell or a solicitation of an offer to buy any securities, nor shall there be any sale of such securities in any state or jurisdiction in which such offer, solicitation, or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

This presentation contains information that may constitute "forward-looking statements" within the meaning of Section 27A of the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended. Inhibikase Therapeutics, Inc. (the "Company" or "we") intends for the forward-looking statements to be covered by the safe harbor provisions for forward-looking statements in those sections. Generally, we have identified such forward-looking statements by using the words "believe," "expect," "intend," "estimate," "anticipate," "project," "target," "forecast," "aim," "should," "will," "may", "continue" and similar expressions. Such statements are subject to a number of assumptions, risks and uncertainties which may cause actual results, performance or achievements to be materially different from those anticipated in these forwardlooking statements. You should read statements that contain these words carefully because they discuss future expectations and plans which contain projections of future clinical studies, regulatory approvals, product candidate development, results of operations or financial condition or state other forward-looking information. However, the absence of these words or similar expressions does not mean that a statement is not forward-looking. Forward-looking statements are not historical facts, but instead represent only the Company's beliefs regarding future events, many of which, by their nature, are inherently uncertain and outside of the Company's control. It is possible that the Company's actual results and financial condition may differ, possibly materially, from the anticipated results and financial condition indicated in these forwardlooking statements. Management believes that these forward-looking statements are reasonable as of the time made. However, caution should be taken not to place undue reliance on any such forward-looking statements because such statements speak only as of the date when made. The Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. In addition, forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from the Company's historical experience and our present expectations or projections. Important factors that could cause actual results to differ materially from those in the forward-looking statements are set forth in the Company's filings with the Securities and Exchange Commission, including its registration statement on Form S-1, as amended (File No. 333-240036), including under the caption "Risk Factors.

We do not intend our use or display of other entities' names, trade names, trademarks or service marks to imply a relationship with, or endorsement or sponsorship of us by, any other entity.

Driving Functional Reversal of Parkinson's Disease

- Multi-therapeutic pipeline with emphasis on neurodegeneration inside and outside of
- Our lead inhibitor of the Abelson Tyrosine Kinase (c-Abl), IkT-148009, halts and reverses functional loss in animal models that recreate progressive human disease
- Six clinical programs in 2022 across two assets in Parkinson's disease, Multiple Systems Atrophy (orphan indication, orphan designation not sought) and Chronic Myelogenous Leukemia (orphan indication, orphan designation granted).
- Phase 2 programs anticipated to begin early 2Q22 in neurodegeneration, readouts anticipated within 12 months.
- Multiple patent families for lead compound with expiration of 2036 and beyond
- \$20.8 million in grants and contracts from NIH, DoD, the Michael J. Fox Foundation and the Georgia Research Alliance, all peer-reviewed
- \$63 million gross proceeds in investor capital in 2021
- Highly experienced and respected management team, consultants, Board of Directors and nearly all KOLs in the field on Scientific Advisory Board



COMPANY HIGHLIGHTS: MULTI-THERAPEUTIC PIPELINE

Multi-Indication Pipeline in Neurodegeneration, **Oncology and Infectious Disease**

CLINICAL DEVELOPMENTS BIOMARKER3 Preclinical target engagement Clinical target engagement Can be used for patient selection Drug candidate Modality Disease indication PHASE 3 Neurodegeneration Parkinson's Disease: Treatment Naïve Small molecule IkT-148009 c-Abl Validated Validating Yes Parkinson's Disease Early Stage c-Abl IkT-148009 4 Indications Pursued Through 2 INDs. Validated Validating Yes Small Shares Same Phase 12 Neurogenic Constipation c-Abl IkT-148009 Validated Validating Yes c-Abl IkT-148009 Dysphagia Validated Validating Yes IMPD/CTAs filed in EU, IND Filed FDA, 2022. Shares Same Phase 12 Multiple System Atrophy IkT-148009 c-Abl Validated Validating Oncology IkT-001Pro Validated Research Phase c-Abl IkT-148x Validated Validating Unknown Small molecule Multiple System Atrophy c-Abl lkT-148x Validated Validating Unknown c-Abl IkT-1427 Validated Validating

1) "Clinical Development" progress bars represent the current state of the indicated programs. Blue arrows represent completed or in progress studies; white arrows represent planned approaches for future clinical studies.

(2) Four indications will be pursued for iRT-148009 in PD, which will be pursued through two INDs, one focused on treatment in the brain in reatment naive or early-stage patients and the second focused on GI complications. MSA is a Parkinson's-like disease to enter clinical development at Phase 2 sharing the Phase 1 data for 148009 with PD. MSA moves forward in clinic ONLY if arimal model study orgoing is positive.

(3) For biomarker status, "Validating" in the proposed transperse and in the target stage which has been perfect using reported using roder its sizes and fluids. We are currently developing methods for using clinical samples for validating our ability to confirm target engagement in patients. Validating in this context indicates ongoing efforts to prove target engagement using proprietary sources and methods under development from human tissues and fluids. Target engagement measures if and to what extent a compound occupies its target. Can be used for patient selection' refers to our ability to use one or more markers we are currently "Validating" to screen patients for the presence of that marker as a means of defining the patients most likely to benefit from the proposed treatment.

Inhibitions Theorems the



THE MARKET

Parkinson's Disease in the U.S.1

Large Market, Opportunity For Disease Modification

Chronic Disease for a Long Time 1/3 of a Patient's Lifespan = 25 years

60,000 NEW CASES / YR 38,000

DEATHS / YEAR

Men twice as likely as women to contract disease

700,000 – 1,000,000 U.S. Patients

60

AVERAGE AGE OF ONSET

Other illnesses complicate development



47%



36% HEART/CIRCULATORY

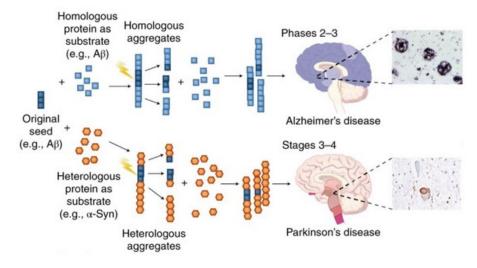


35% PSYCHOSIS



DEMENTIA.

Causation in Parkinson's and Alzheimer's is closely related¹



What role does the misfolded protein play?

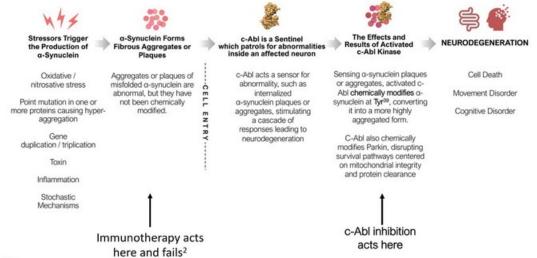
¹Nat. Neurosci. 21: 1332-1340 (2018) Inhibikase Therapeutics **7**

CAUSE OF NEURODEGENERATION

Evaluation of the Misfolded Protein 'Seed' in Parkinson's Reveals c-Abl as the Primary Culprit (video)



Stressors Trigger the Production of Misfolded a-Synuclein Which Activates c-Abl to Drive Neurodegeneration²



Not Rev Neurosci. 2, 492-501 (2001)

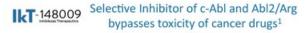
Werener and Glanow, Mor Olsorders 2021, doi: 10.1002/mds.28558

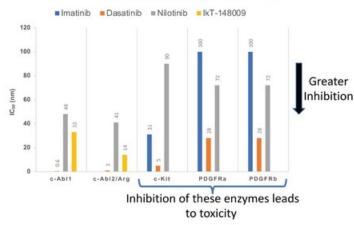
http://rpordsa.zom/news-refusess/news-release-details/update-phase-2-pasa

http://rmddia.biogen.com/node/22876/html



IkT-148009: Low Toxicity, Selective, Brain Penetrant c-Abl Inhibitor in Clinical Development





IkT-148009 No organ toxicity
High brain penetrance

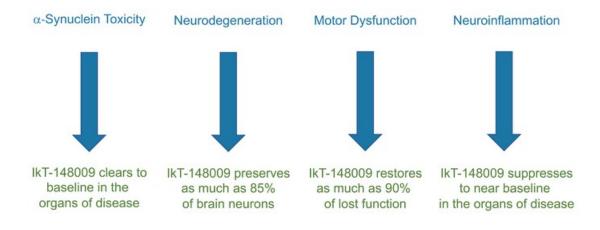
Human equivalent dose of 1460 mg		
Cardiovascular	None	
Renal	None	
Liver	None	
Bone marrow	None	
Sternum	None	
Blood	None	
PBMCs	Slight increase in neutrophils within normal limits	
Cytotoxicity	None in primary or mature cells	
Sustained brain concentration	> 1 micromolar	

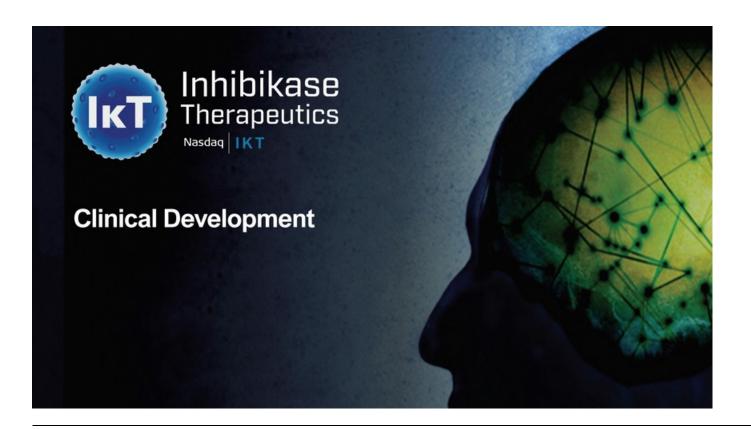
See SelleckChem.com, Leuk 23:1689ff (2009)

Inhibikase Therapeutics 11

ILT-148009 MODIFIES DISEASE

c-Abl inhibition by IkT-148009 blocks the four pillars of Parkinson's Disease in Validated Animal Models





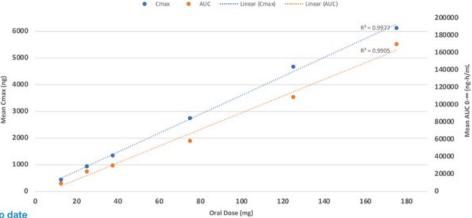
ILT-148009 PHASE 1 TRIAL IN SAFETY AND DOSING

Phase 1: Dose Proportional Clinical Pharmacokinetics and No Clinically Significant Adverse Events

Category	Demographic	Value (% of Total N=72)
Gender	Female	27 (37.5)
	Male	45 (62.5)
Age	Average (SD)	57.9 (5.72)
	Median	58.0
	Range	45, 69
Ethnicity	Hispanic or Latino	10 (13.9)
	Not Hispanic or Latino	62 (86.1)
Race	Black or African American	44 (61.1)
	White	27 (37.5)
	Other	1 (1.4)
Adverse events		3 (4.2), clinically insignificant, emerging weeks after dosing with no clinical correlate

Phase 1:Dose Proportional Clinical Pharmacokinetics and No Clinically Significant Adverse Events

Clinical Pharmacokinetics of IkT-148009-SAD



- Human safety to date

 → No clinically significant adverse events have been observed across 10 dosing cohorts
- Significance of clinical pharmacokinetics
 - High exposures at low oral dose, linearly dose proportional up to 175 mg. Exposures at 75 mg lkT-148009 comparable to 500 mg imatinib1

FDA summary data for approval 21-335

ILT-148009 PHASE 1 TRIAL IN SAFETY AND DOSING

Phase 1: Low Oral Dose in Humans Reaches Therapeutic Exposures of Animal Models

			t1/2	tmax	C _{max}	AUCO
		mg/day	(h)	(h)	(ng/mL)	(h*ng/mL)
IkT-148009	Mean	25 ¹	25.2	6	1770	25400
Clinical N=6						
IkT-148009	Mean	1.251	12.7	2.2	2562	19650 /
Efficacy, mouse model N=5						

Therapeutic exposures defined

- Laboratory efficacy studies in mice have an AUC equivalent to clinical exposure at 25 mg/day oral dose.
- Long half-life at low oral dose suggests long-term exposure to drug on a daily basis

Model studies suggest the gut could be where Parkinson's disease originates in the body and is a critical organ for analysis¹

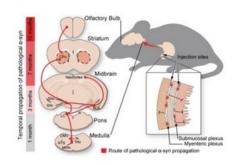
Parkinson's May Begin in the Gut Easy access

Can demonstrate disease benefit with quantitative endpoints Biopsy and Biomarkers Large effect size

Gl disorders resulting from kinase modification of α-synuclein:

Dysphagia
Unresolvable constipation
Gastroesophageal reflux
Gastroparesis

The Gut-Brain Connection Enables Innovation in Trial Design



Introduction of synuclein plaque in the gut leads to progressive disease in the brain

Neuron 2019; 103:1-15

ILT-148009 ONGOING TRIALS IN SAFETY AND DOSING

Updated Phases and Development Intervals for 2021

Phase 1b Multiple Ascending Dose (MAD): 7-Day 3 dosing cohorts, 3:1 randomized with placebo, doses Phase 2a Multiple Ascending Dose (MAD): 3 Mos 3 dosing cohorts, 1 placebo cohort, 120 patients total **ONGOING** 2022 determined from SAD PK and safety Treatment native/Early state patients (H&Y ≤ 2.0) 30 patients/dose 1:1 randomized 13-week dosing 1x/day Primary objectives/endpoints safety, tolerability, pharmacokinetics 8 patients/dose 7-day dosing 1x/day · Primary objectives/endpoints safety, tolerability, pharmacokinetics (PK), urine, plasma spinal fluid Secondary/Exploratory objectives UPDRS II, III, II+III, MMSE, Whole Gut Transit Time, concentrations CSBM, PAGI-SYM, Biomarkers GI and Brain · Exploratory: UPDRS II, III, II+III, MMSE, Whole Gut Timing for initiation of 3 month depends on early experience in 7-day dosing and Transit Time, CSBM, PAGI-SYM, Biomarkers GI and IkT 148009 Phase 1b MAD (6-7 Months Phase 2a (Overlapping, Up to 6 months) MONTHS ▶ Chronic Toxicology Studies (comp Comparative Toxicology to Imatinib at Toxic Dose RAT: 3 month done and 6-month completed 3-month readout submitted to FDA October 1, 2021 MONKEY: 3 month done and 9-month completing 15 November 3-month readout submitted to FDA October 1, 2021

Selected Financial and Stock Data

Capitalization Table	January 4, 2022
Common Shares Outstanding	25,177,051
Options (WAEP: \$2.47)	3,580,952
Warrants (WAEP: \$5.21)	1,561,913
Fully Diluted Shares Outstanding	30,319,916

\$20.8M non-dilutive grant revenue pre-IPO (NIH, DoD, State gov'ts)

Balance Sheet	September 30, 2021 (last reporting period)
Current Assets:	
Cash	\$ 44,845,950
Grants Receivable	\$ 217,48
Prepaid research and development	\$ 264,38
Prepaid expenses and other current assets	\$ 541,38
Total Current Assets	\$ 45,869,20
Total Current Liabilities	\$ 2,707,72
Working Capital	\$ 43,161,479
Active grant funding available in accounts held by the U.S. treasury	\$ 519,813
Total Working Capital	\$ 43,681,29

Inhibikase Therapeutics 19

Upcoming Milestones

>1Q22

- 148009
 - > Complete 250 mg SAD in healthy subjects
 - > Complete two of three planned dosing cohorts in MAD 7-day dosing in PD patients
 - > Phase 2 study set-up in PD; first patient anticipated to commence in early 2Q22
 - > Complete first of two animal model validation studies of IkT-148009 in MSA
 - Set-up EU/US sites for Phase 2 studies in MSA anticipated to commence in 3Q22
 - Meet with FDA to review Phase 2 and Phase 3 development plans
- 001Pro
 - > File IND and commence bioequivalence clinical studies
 - Design and develop superiority studies for IkT-001Pro relative to standard-of-care
 - > Identify and begin developing commercial partnership

Management Team with Deep Experience in Drug Development and Commercialization

Milton Werner, PhD President & CEO

Previously, Dr. Werner served as Director of Research at Celtaxsys. From September 1996 until June 2007, Dr. Werner was a Head of the Laboratory of Molecular Biophysics at The Rockefeller University in New York City. Throughout his scientific career, Dr. Werner has been an innovator integrating chemistry, physics, and biology into a comprehensive approach to solving problems in medicine. Dr. Werner is the author or co-author of more than 70 research articles, reviews, and book chapters and has given lectures on his research work throughout the world.

Joseph Frattaroli, CPA Chief Financial Officer

Mr. Frattaroli is a certified public accountant with more than 15 years of experience in public company filings and compliance for Nasdaq and OTC Markets companies. Previously, he provided chief financial officer and consulting services for several emerging biopharmaceutical and medical device companies, with responsibilities that included capital formation, deal structuring, and assisting private companies in their transition to becoming publicly traded SEC registrants.

C. Warren Olanow, MD, Interim Chief Medical Officer and Chief Executive Officer of CLINTREX.

Dr. Olanow is the former Henry P. and Georgette Goldschmidt Professor and Chairman of the Department of Neurology at the Mount Sinai School of Medicine Prior to joining Mount Sinai, he served on the faculties of McGill University, Duke University, and the University of South Florida. He is the former President of the Movement Disorder Society, past President of the International Society of Motor Disturbances, and former Treasurer of the American Neurological Association. He has served on the executive committee of the Michael J. Fox Foundation Scientific Advisory Board, and he is the former Chairman of the Scientific Advisory Board of the Bachmann-Strauss Parkinson Foundation and of the Dystonia Foundation. Dr. Olanow is the former Co-Editor-in-Chief of the journal Movement Disorders. Dr. Olanow received his medical degree from the University of Toronto, performed his neurology training at the New York Neurological Institute at Columbia Presbyterian Medical Center at Columbia University, and undertook postgraduate studies in neuroanatomy at Columbia University and authored more than 600 articles in the field of neurodegeneration.









Inhibikase Therapeutics 21

Board of Directors

Mr. Dennis Berman

- Co-founder, board member, and/or seed investor in many private biotechnology and technology companies, five of which have gone public.

 Currently serves as the President of Molino Ventures, LLC a
- board advisory and venture capital firm and was co-founder and Executive Vice President of Corporate Development of Tocagen.
- Seed investor, co-founder, and/or board member of Intervu, Kintera, Inc., Gensia, Calabrian

Dr. Paul Grint, MD

- 20+ years experience in biologics and small-molecule research and development, including the successful approval and commercialization of products in the infectious diseases,

- and commercialization of products in the infectious diseases, immunology, and oncology therapeutic areas. Director of Amplyx Pharmaceuticals and Synedgen. Served in senior management roles at Cerexa, Forest Laboratories, Kalypsys, Pitzer, IDEC Pharmaceuticals, and Schering-Plough Corporation. Fellow of the Royal College of Pathologists and a medical degree from St. Bartholomew's Hospital College, University of London.

- r. Koy Freeman, MD Professor of Neurology at the Harvard Medical School and Director of the Center for Autonomic and Peripheral Nerve Disorders in the Department of Neurology at Beth Israel Deaconess Medical Center Former chairman of the World Federation of Neurology
- research group on the autonomic nervous system, former President of the American Autonomic Society, and former chairman of the Autonomic Section of the American Academy
- of Neurology. Editor-in-Chief of Autonomic Neuroscience: Basic and Clinical
- Editior-in-Chief of Autonomic Neuroscience: Basic and Chincal and on the editional boards of The Clinical Journal of Pain, Pain: Clinical Updates, and Clinical Autonomic Research. Serial founder of several companies in pain and neurodegenerative disease and is on the scientific advisory boards of many large and small pharmaceutical and biotechnology companies.

Ms. Elizabeth O'Farrell

- 25-year career with Eli Lilly and Company, lastly serving as Chief Procurement Officer and Leader, Global Head of Shared
- Services
 Served in senior management at Lilly including Senior Vice
 President, Policy and Finance; Senior Vice President, Finance;
 Chief Financial Officer, Lilly LSA; Chief Financial Officer, Lilly
 Canada; and General Auditor. Before joining Eli Lilly, Ms.
 Director of PDL BioPharma, Geron Corporation and Lensar
- BS in accounting with honors and an MBA in management information systems from Indiana University.

Industry-Leading Advisors

Robert Hauser, MD

Professor of Neurology, University of South Florida College of Medicine - Director USF Parkinson's Disease and

Jeffrey Kordower, PhD

Alla V and Solomon Jesmer Professor of Aging & Neurological Sciences Rush University Medical Center

nd Senior Scientist, Institute of Neurodegenerative Disorders

Dr. Ted Dawson, MD, PhD

Neurodegeneration and Stem Cell Programs, Institute for Cell Engineering, Departments of Neurology, Physiology, Pharmacology, and Molecular Sciences - The Johns Hopkins University School of Medicine

Dr. Valina Dawson, PhD

Neurodegeneration and Stem Cell Programs, Institute for Cell Engineering, Departments of Neurology and Physiology The Johns Hopkins University School of Medicine

Dr. Warren Olanow, MD, FRCPC

Henry P. and Georgette Goldschmidt Professor and Chairman Emeritus, Mount Sinai School of Medicine

Dr. Karl Kieburtz, MD, MPH

Robert J. Joynt Professor in Neurology, Senior Associate Dean for Clinical Research, Director of the Clinical &Translational Science Institute, Founder Center for Human Experimental Therapeutics (CHET)- University of Rochester Medical Center Clintrex, Inc.

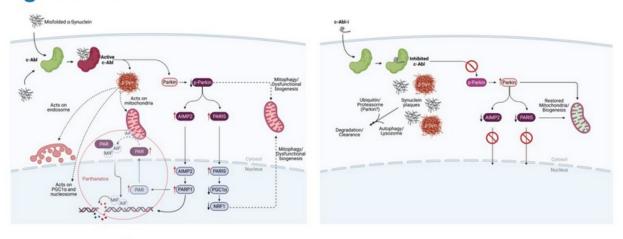
Dr. Jay Pasricha, MBBS, MD

Director, Johns Hopki Neurogastroement Professor of Medic



THE PATH TO DISEASE MODIFICATION

Biochemistry of Parkinson's Disease Initiation and Progression¹

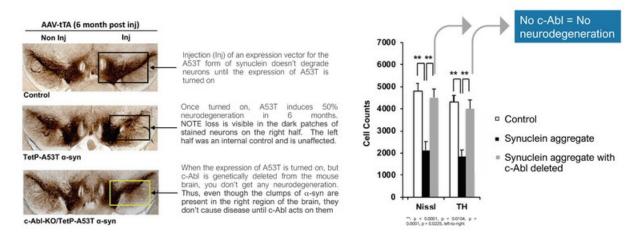


Disease process

Treatment effect

α-Synuclein Plaques Do Not Cause Disease Without c-Abl Modification in Humanized Preclinical Models¹

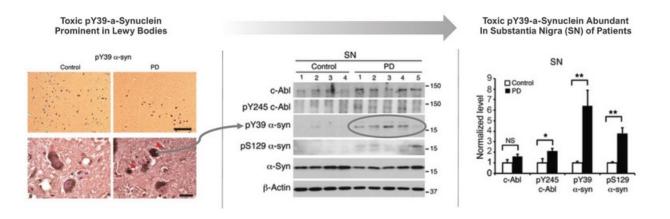
α-Synuclein plaque in the ABSENCE OF c-Abl CAUSES NO NEURODEGENERATION AFTER 6 MONTHS



18rain 142:2380ff (2019) Inhibikase Therapeutics 25

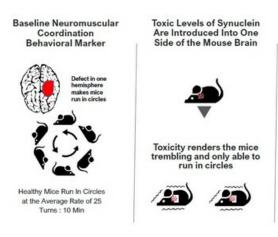
STUDY

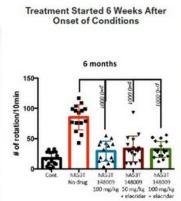
Pathologic, c-Abl-Modified α-Synuclein (pY39) is Present in Parkinson's Patient Brain¹



U Clin Invest. 126, 2970-88 (2016)

Oral IkT-148009 in Mice Humanized for Parkinson's Disease in Brain Reverses Functional Loss





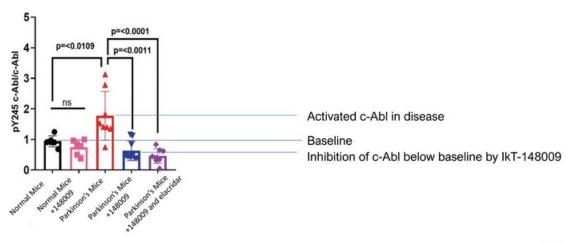


Inhibikase Therapeutics 27

ILT-148009 ANIMAL STUDY BASIS OF 148009 THERAPY

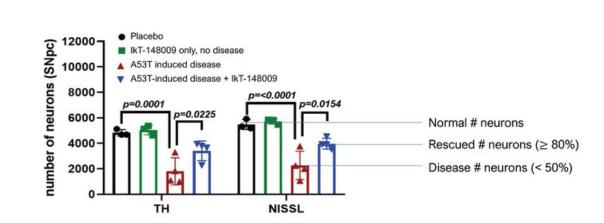
Oral IkT-148009 Suppresses c-Abl Activation in the Brain that Correlates with Functional Recovery

IkT-148009 engages the c-Abl target in the brain



Oral IkT-148009 Preserves Neural Anatomy in the Brain

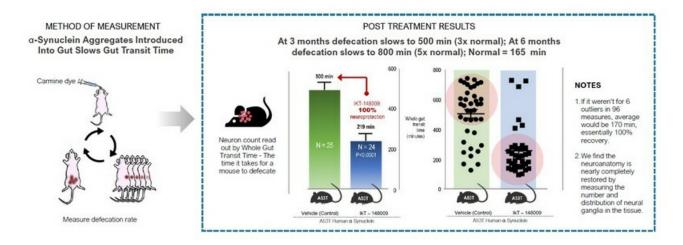
IkT-148009 stopped loss of neurons, accounting for functional recovery



Inhibikase Therapeutics 29

ILT-148009 EVIDENCE OF FUNCTIONAL RECOVERY IN THE GUT

Oral IkT-148009 in Mice Humanized for Parkinson's Disease in Gut Reverses Functional Loss



IkT-148009 EFFECT ON CAUSE OF DISEASE

Oral IkT-148009 Treatment Clears Toxic α -Synuclein in the brain and gut

Clearance of toxicity in the gut

Green: Pathological α-synuclein Red: Neural ganglia in gut | IkT-148009 drives clearance of pathological α-synuclein (green dots have been

cleared)

Clearance of toxicity in the brain

