UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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))

<u> </u>		
	FORM 8-K	
Purs of the So	CURRENT REPORT suant to Section 13 or 15(d) ecurities Exchange Act of 1934 of earliest event reported): Mar	ch 13, 2015
	Neurosciences, of registrant as specified in its charter	
Delaware (State or other jurisdiction of incorporation)	001-36517 (Commission File Number)	26-0784194 (I.R.S. Employer Identification No.)
1601 Trapelo Road Suite 284 Waltham, MA (Address of principal executive offices)		02451 (Zip Code)
(Registrant's telepho	ne number, including area code): (617)	600-7373
(Former name	or former address, if changed since last repor	rt)
eck the appropriate box below if the Form 8-K filing is intend visions:	ed to simultaneously satisfy the filing ob	oligation of the registrant under any of the followin
Written communications pursuant to Rule 425 under the S	ecurities Act (17 CFR 230.425)	
Soliciting material pursuant to Rule 14a-12 under the Excl	hange Act (17 CFR 240.14a-12)	

Item 7.01 Regulation FD Disclosure.

On March 13, 2015, Minerva Neurosciences, Inc. (the "Company") issued a press release announcing a contemplated private placement of common stock and warrants (the "private placement"), which press release is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The Company is also furnishing as Exhibits 99.2 and 99.3 to this Current Report on Form 8-K, certain information provided to investors and potential investors in connection with the private placement.

Neither this Current Report on Form 8-K nor any exhibit attached hereto is an offer to sell or the solicitation of an offer to buy shares of common stock, warrants or other securities of the Company.

The information contained in this Item 7.01 and the attached Exhibits 99.1, 99.2 and 99.3 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing. The furnishing of such in formation shall not be deemed an admission as to the materiality of any information herein or therein that is required to be disclosed solely by reason of Regulation FD.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press release of Minerva Neurosciences, Inc. dated March 13, 2015.
99.2	Minerva Neurosciences, Inc. Selected Financial Data Sheet, dated March 2015
99.3	Minerva Neurosciences, Inc. Investor Presentation, dated March 2015

SIGNATURE

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.

MINERVA NEUROSCIENCES, INC.

By: /s/ Mark Levine

Name: Mark Levine

Title: Vice President, General Counsel and Secretary

Date: March 13, 2015

INDEX OF EXHIBITS

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For Immediate Release

Minerva Neurosciences Announces \$31 Million Financing

WALTHAM, Mass. – March 13, 2015 - Minerva Neurosciences, Inc. (Nasdaq:NERV) today announced that it will raise approximately \$31 million of gross proceeds in a private placement offering to several institutional investors, including 6,281,661 shares of common stock and warrants to purchase up to 6,281,661 shares. The purchase price for the common stock will be \$4.81 per share. The purchase price for the warrants will be \$0.125 per share of common stock subject to such warrants. The warrants will have an exercise price of \$5.772 per share. The private placement is expected to close on or about March 18, 2015 and is subject to the satisfaction of customary closing conditions.

The proceeds of the financing will be used to fund the clinical development of Minerva's Central Nervous System (CNS) portfolio, including: MIN-101 for the treatment of schizophrenia; MIN-202 for the treatment of insomnia being developed under a collaboration with Janssen Research & Development, LLC; MIN-117 for the treatment of major depressive disorder (MDD); and MIN-301 for the treatment of Parkinson's disease.

The securities being sold in the private placement have not been registered under the Securities Act of 1933, as amended, or state securities laws and may not be offered or sold in the United States absent registration with the Securities and Exchange Commission (SEC) or an applicable exemption from such registration requirements. Minerva has agreed to file a registration statement with the SEC covering the resale of the shares of common stock and the shares of common stock underlying the warrants issued in the private placement.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of these 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 such state or jurisdiction.

About Minerva Neurosciences

Minerva Neurosciences, Inc. is a clinical-stage biopharmaceutical company focused on the development and commercialization of a portfolio of product candidates to treat CNS diseases. Minerva is developing first-in-class proprietary compounds, including its lead program MIN-101 in development for the treatment of schizophrenia, MIN-202 in development for primary and comorbid insomnia, MIN-117 in development for the treatment of major depressive disorder and MIN-301 in development for the treatment of Parkinson's disease. Minerva's common stock is listed on the NASDAQ Global Market where it trades under the symbol "NERV".

Forward-Looking Safe-Harbor Statement:

This press release contains forward-looking statements which are subject to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Forward-looking statements are statements that are not historical facts, reflect management's expectations as of the date of this press release, and involve certain risks and uncertainties. Forward-looking

statements include statements herein with respect to the benefits of and our ability to leverage the proceeds of the private placement and management's ability to successfully achieve its goals. These forward-looking statements are only predictions and may differ materially from actual results due to a variety of factors including, without limitation, whether any of our other therapeutic products will advance further in the clinical trials process and whether and when, if at all, they will receive final approval from the U.S. Food and Drug Administration or equivalent foreign regulatory agencies and for which indications; whether any of our therapeutic products will be successfully marketed if approved; whether any of our therapeutic product discovery and development efforts will be successful; our ability to achieve the results contemplated by our co-development agreements; management's ability to successfully achieve its goals; our ability to raise additional capital to fund our operations on terms acceptable to us; and general economic conditions. These and other potential risks and uncertainties that could cause actual results to differ from the results predicted are more fully detailed under the caption "Risk Factors" in our filings with the Securities and Exchange Commission, including our Quarterly Report on Form 10-Q for the quarter ended September 30, 2014, filed with the Securities and Exchange Commission on November 6, 2014. Copies of reports filed with the SEC are posted on our website at www.minervaneurosciences.com. The forward-looking statements in this press release are based on information available to us as of the date hereof, and we disclaim any obligation to update any forward-looking statements, except as required by law.

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Bill Berry Berry & Company Public Relations 212-253-8881 bberry@berrypr.com

Investor contact:

Renee Leck Stern Investor Relations 212-362-1200 renee@sternir.com

MINERVA NEUROSCIENCES, INC.

Certain Selected Financial Data

(Subject to Change)

(in millions)

Cash at December 31, 2014	\$18.5
Estimated Cash at February 28, 2015	\$ 25
Estimated 2015 and 2016 combined cash burn	\$ 50

This certain selected financial data contains forward-looking statements which are subject to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended. Forward-looking statements include statements herein with respect the cash balance of Minerva Neurosciences, Inc. (the "Company"), which is unaudited and subject to change, the Company's estimated cash balance as of February 28, 2015 and the Company's estimated combined 2015 and 2016 combined cash burn. These forward-looking statements are only estimates and may differ materially from actual results due to a variety of factors including, the timing and amount of expenses associated with the Company's clinical development and the Company's ability to raise capital to fund its operations on terms acceptable or at all. These and other potential risks and uncertainties that could cause actual results to differ from the results predicted are more fully detailed under the caption "Risk Factors" in our filings with the Securities and Exchange Commission, including our Quarterly Report on Form 10-Q for the quarter ended September 30, 2014, filed with the Securities and Exchange Commission on November 6, 2014. Copies of reports filed with the SEC are posted on our website at www.minervaneurosciences.com. The forward-looking statements in this certain selected financial data are based on information available to the Company as of the date hereof, and the Company disclaims any obligation to update any forward-looking statements, except as required by law.



Investor Presentation

March 2015

Forward-Looking Statement Safe-Harbor



This presentation contains certain forward-looking statements about Minerva Neurosciences that are intended to be covered by the safe harbor for "forward-looking statements" provided by the Private Securities Litigation Reform Act of 1995, as amended. Forward-looking statements are statements that are not historical facts. Words such as "expect(s)," "feel(s)," "believe(s)," "will," "may," "anticipate(s)" and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to: the benefits, efficacy and safety of the new once-a-day formulation of MIN-101; whether the results of the study of the analog of MIN-301 are applicable to MIN-301; the timing and results of future clinical milestones; the timing of future clinical trials and results of such clinical trials; statements regarding our ability to successfully develop and commercialize our therapeutic products; our ability to expand our long-term business opportunities; our expectations regarding approval for our products by the U.S. Food and Drug Administration or equivalent foreign regulatory agencies; estimates regarding the market potential for our products; financial projections and estimates and their underlying assumptions; and future performance. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking statements. These risks and uncertainties include, but are not limited to: the benefits, efficacy and safety of the new once-a-day formulation of MIN-101; whether the analog of MIN-301 is a good predictor of clinical efficacy of MIN-301; the timing and results of future clinical milestones; the timing of future clinical trials and results of such clinical trials; whether any of our therapeutic candidates will advance further in the clinical trials process and whether and when, if at all, they will receive final approval from the U.S. Food and Drug Administration or equivalent foreign regulatory agencies and for which indications; whether any of our therapeutic candidates will be successfully marketed if approved; whether our therapeutic product discovery and development efforts will be successful; our ability to achieve the results contemplated by our collaboration agreements; the strength and enforceability of our intellectual property rights; competition from pharmaceutical and biotechnology companies; the development of and our ability to take advantage of the market for our therapeutic products; our ability to raise additional capital to fund our operations on terms acceptable to us; general economic conditions; and the other risk factors contained in our periodic and interim reports filed with the Securities and Exchange Commission which are available on the SEC website at www.sec.gov. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

Investment Highlights



Portfolio of First in Class Neuropsychiatric Drugs

- Focus on leadership in CNS clinical development
- Four clinical-stage compounds with transformative potential
- Validated MOAs differentiated by additional innovative receptor activities
- Multiple significant milestones over next 15 months

Large Addressable Market

- 88M patients covered under our commercial rights¹
- Significant unmet medical need
- \$14B total addressable market²

Management Team With Demonstrated Track Record

- 8 FDA-approved neuropsychiatry drugs in the last 10 years
- Multiple successful exits for investors

World Class Pharma Partners









Program	Primary Indication	Unique MOA	Preclinical	Phase 1	Phase 2	Prevalent Population	Existing Drug Sales ¹
MIN-101	Schizophrenia	5-HT2ASigma2		Phas Comple		4.3M US + EU5	\$4.5B
MIN-117	Major Depressive Disorder (MDD)	 5-HT1A 5-HTT Alpha-1a,b Dopamine Transporter 5-HT2A 		Phase IB Completed	Ph lla*	28M US + EU5	\$4.6B
MIN-202	Primary and Comorbid (Secondary) Insomnia	Orexin-2 antagonist		Phase IB Completed	Ph lla	53M US + EU5 + Japan	\$2.8B
MIN-301	Parkinson's Disease	ErbB4 activator	Preclinical Ongoing*			2M US + EU5 + Japan	\$2.3B

^{*} Subject to additional financing

Significant Progress Since IPO in 2014



MIN-101:

- Once a day formulation with improved safety profile selected for Phase IIb study (IIa conducted with bid)
- Phase IIb protocol submitted to several European countries

MIN-202:

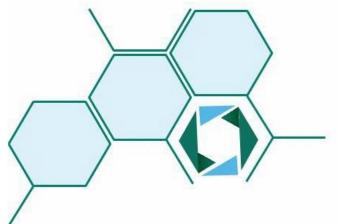
- Two Phase 1 studies completed;
 - MAD study in healthy volunteers showing MIN-202 is well tolerated and appropriate PK/PD
 - Bioavailability study in healthy volunteers
- POC study in MDD patients with comorbid insomnia showing improvement in onset and maintenance

MIN-117:

Phase IIa protocol finalized

MIN-301:

Disease modifying potential as demonstrated in MPTP primate study on analog of MIN-301

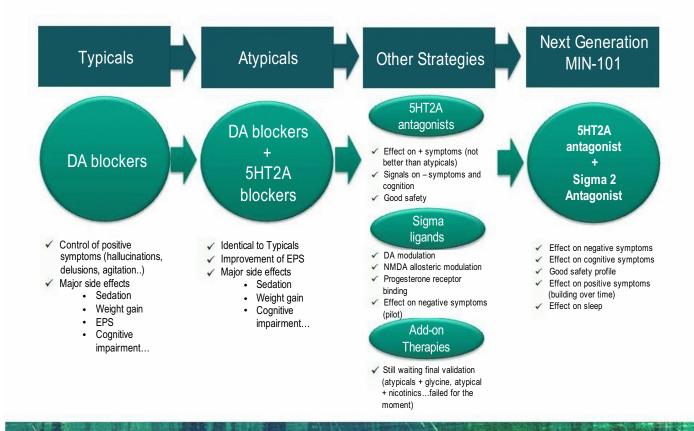


MIN-101

Our lead compound with a clear path through clinical development

MIN-101: Innovative Mechanism of Action (MoA)









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NIH Public Access

Author Manuscript

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Identification of the PGRMC1 protein complex as the putative sigma-2 receptor binding site

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Abstract

The sigma-2 receptor, whose gene remains to be cloned, has been validated as a biomarker for tumor cell proliferation. Here we report the use of a novel photoaffinity probe, WC-21, to identify the sigma-2 receptor binding site. WC-21, a sigma-2 ligand containing both a photoactive moiety azide and a fluorescein isothicoxyanate group, irreversibly labels sigma-2 receptors in rat liver; the membrane-bound protein was then identified as PGRMC1 (progesterone receptor membrane component-1). Immunocytochemistry reveals that both PGRMC1 and SW120, a fluorescent sigma-2 receptor ligand, colocalizes with molecular markers of the endoplasmic reticulum and mitochondria in HeLa cells. Overexpression and knockdown of the PGRMC1 protein results in an increase and a decrease in binding of a sigma-2 selective radioligand, respectively. The

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MIN-101: Phase IIa completed



A Multi-center, Inpatient and ambulatory, Phase 2, Double-blind, Randomized, Placebo-controlled Proof of Concept Study of MIN-101in 96 Patients with DSM-IV Schizophrenia (PANSS > 60)

Primary Endpoint:

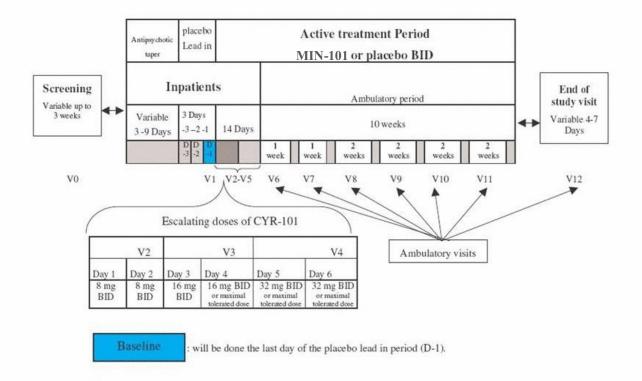
- Explore safety & tolerability of MIN-101 at a dose two or three times above the estimated therapeutic dose in order to:
 - Ensure safety of patients participating in future studies
 - Understand the PK/PD relationship of the QTc signal observed in non-clinical and Phase I studies
- Get first hints of therapeutic activity in schizophrenic patients

Secondary Endpoints:

- Verify the safety and tolerability profile for three months in schizophrenic patients at a 32mg twice daily dose (> the estimated therapeutic dose)
- Verify the absence of the most predominant AEs associated with typical and/or atypical antipsychotics
- Measure effect size of CYR-101 on QTc at Tmax/Cmax after the morning administration
- Explore effects of the drug on overall schizophrenia psychopathology over 3 months to understand the time course in acutely relapsed patients (PANSS > 60), requiring hospitalization without adequately responding to prior treatment

MIN-101 Phase Ila Study Design



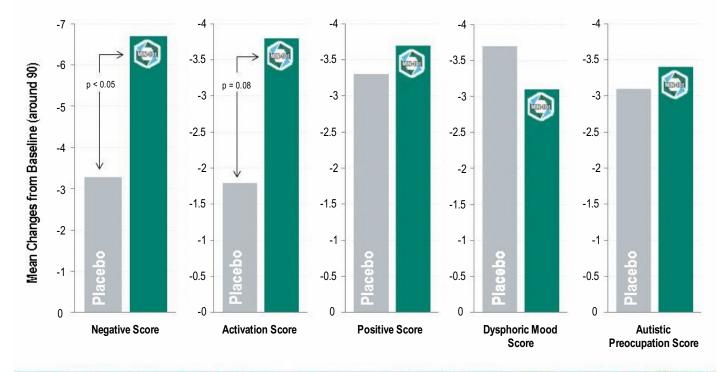


MIN-101: Phase IIa Compelling Efficacy On Spectrum of Symptoms



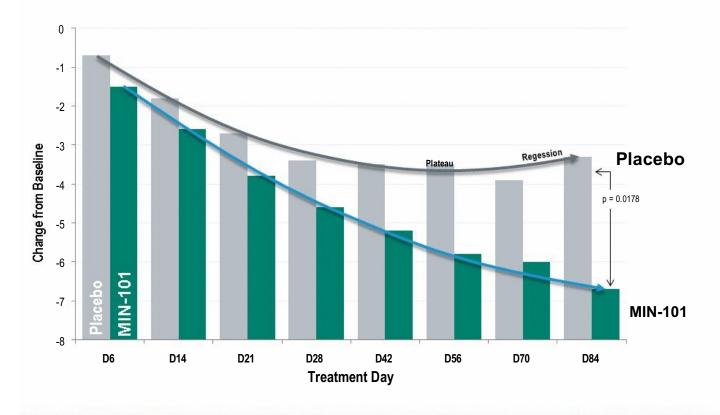
Positive and Negative Syndrome Scale (PANSS) 5 Factors (PPC) After Three Months

Total Weighted Score Decrease: -24.1 for MIN-101 versus -17.9 Placebo



MIN-101: Phase IIa showed improvement in overall psychopathology of schizophrenia with outstanding efficacy on Negative Symptoms (32mg bid)

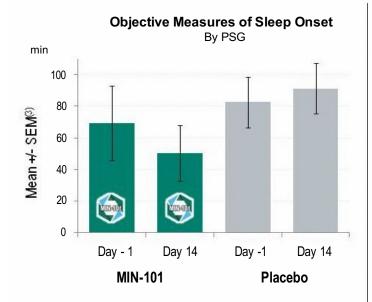




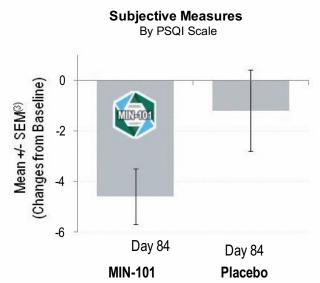
1. As measured by PANSS scale

MIN-101: Compelling Efficacy On Sleep Objective (PSG)¹ and Subjective (PSQI)² Measurements (Phase IIa)





 Quicker onset of sleep after 2 weeks of treatment with MIN-101 vs Placebo



 Improved sleep quality after 3 months of treatment with MIN-101 vs Placebo





Side Effect	Evaluation	Relative to Atypicals
AEs and SAEs	Limited and minor	Better
Weight gain, Waist Circumference	No increase on measurement	Better
Prolactin and Laboratory tests	No clinically significant effects	Better
Extra-pyramidal symptoms	No effect showed on Simpson Angus Scale (SAS)	Better
Sedation	No effect	Better
Vital signs – Cardiovascular	Minor QTc prolongation as expected with a supra-therapeutic dose	Comparable



MIN-101: Phase IIb

Reformulated compound with improved safety profile

A Phase IIb, Multi-centre, Randomized, Double-blind, Parallel-group, Placebo-controlled Study to Evaluate the Efficacy, Tolerability and Safety of MIN-101 in 234 patients with Negative Symptoms of Schizophrenia followed by a 24-week, Open-label extension

MIN-101CO3: Phase IIb Design in Patients with Schizophrenia



TITLE: A Phase Ilb, Multi-centre, Randomized, Double-blind, Parallel-group, Placebo-controlled Study to Evaluate the Efficacy, Tolerability and Safety of MIN-101 in Patients with Negative Symptoms of Schizophrenia Followed by a 24-week, Open-label Extension

Core Study Wash Out Treatment Period (12 Screening Period Baseline MIN-101 (64 or 32 mg) o							2 weeks):		
	Obligatory In patient Day -3 to day +2 afterwards up to the end of study at the discretion of the PI								
D-21	D-3 to D-1	Day-1	D1	D2	W2	W4	W8	W12	
V1	V2	V3	V4	V5	V6	V7	V8	V9	

IN	Α	IN	Α
W 24	W 30	W 36	W 37
V 12	V 13	V 14	V 15
	V 12	V V	V V V 12 13 14

Core Study to include:

- 234 patients (78: 64mg, 78: 32mg, 78: placebo)
- 42 sites in 6 countries (Estonia, Russia, Ukraine, Romania, Latvia, Bulgaria)

MIN-101C03: Phase IIb in Patients with Schizophrenia



Primary Study Objectives

To evaluate the efficacy of MIN-101 compared to placebo in improving the negative symptoms of schizophrenia as
measured by the change from Baseline in the Positive and Negative Syndrome Scale (PANSS) negative subscale score
of the pentagonal model over 12 weeks of treatment.

Main Inclusion Criteria

- Male or female patient, 18 to 60 years of age, inclusive.
- Patient meets the diagnostic criteria for schizophrenia as defined in DSM-V
- Patient being stable in terms of positive symptoms over the last three months
- Patient presenting with negative symptoms over the last three months
- Patient with PANSS negative sub-score of at least 20.
- Patient with PANSS item score of <4 on: P4 Excitement, hyperactivity P7 Hostility P6 Suspiciousness G8
 <p>Uncooperativeness G14 Poor impulse control
- No change in psychotropic medication during the last month
- Patient must be extensive metabolizers for P450 CYP2D6

Efficacy Assessments

- Positive and Negative Symptoms Scale (PANSS)
 - The study is powered to reach statistical significance on total score and negative score
- Brief Negative Symptoms Scale (BNSS)
- Brief Assessment of Cognition in Schizophrenia (BACS)
- Personal and Social Performance (PSP): assess social functioning; clinician rated
- Sleep architecture and continuity

MIN-101C03: Phase IIb in Patients with Schizophrenia



Timelines



Enrollment: April – December 2015

Treatment (Primary Study): April 2015 – March 2016

Parallel non-clinical & Phase III Prep; DDI, Carcinogenicity, CMC, Analytics

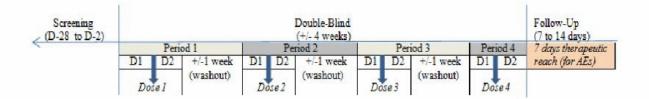
Topline results (Primary Study):

Mid 2016



MIN-202: Phase IB Study Design in MDD Patients



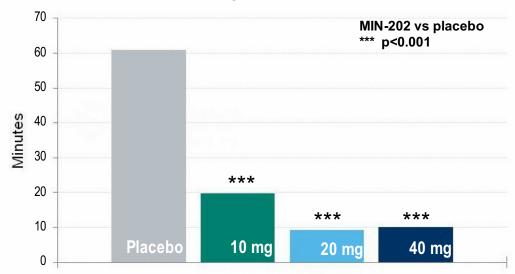


- · Placebo controlled, cross-over, single dose study
- 3 doses (10mg, 20mg, 40mg)
- Washout period between periods of ~1 week
- · 20 MDD patients treated with SSRI/SNRI having comorbid insomnia
- · Diagnostic and drug effect evaluated with objective sleep measurements; PSG

MIN-202: Phase IB study in MDD patients Positive Preliminary Efficacy Results

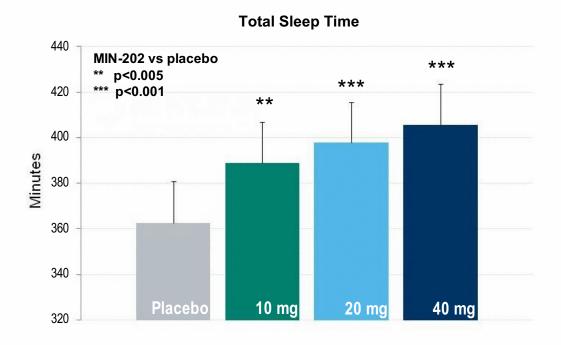


Latency to Persistent Sleep









MIN-202: Phase I Study MAD Study Design



- 5, 10, 20, 40 and 60 mg MAD ascending doses of 10 days treatment duration
- Young healthy volunteers
- 2 placebo subjects and 6 verum subjects per dose group; equally randomized between females and males
- Study objectives
 - Safety and tolerability
 - C-SSRS (Columbia Suicide Severity Rating Scale)
 - Pharmacodynamics:
 - · CFF: Critical Flicker Fusion
 - · Simple and multiple choice reaction time

MIN-202: Phase I MAD - Key PK Results Conclusion



- 1. Clear efficacy on sleep induction & sleep maintenance with all doses tested
- 2. REM sleep is preserved
- 3. Good safety and tolerability up to 60 mg/day after repeated administration
- 4. PK and PK/PD are adapted for the therapeutic indications pursued
- 5. First solid formulation "bio-equivalent with the liquid formulation used in the 3 trials carried out in 2014
- 6. Clear path forward in terms of next steps development in both indications (i.e. primary and comorbid insomnia in MDD)

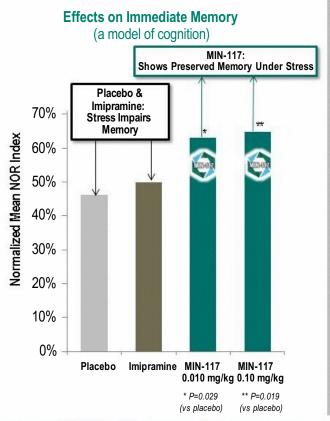


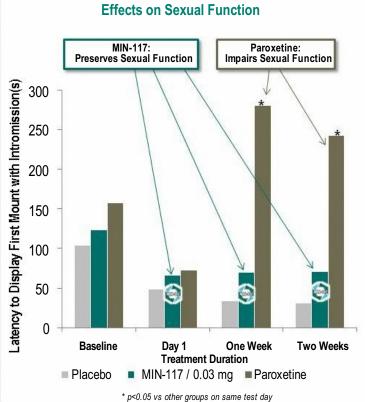
MIN-117

Potential for a more effective and safer treatment to address the unmet medical needs of Major Depressive Disorder patients

MIN-117: Preserving cognition and sexual function









MIN-301

Potential for next generation of therapy for neurodegenerative diseases

PRIMOMED Project: MIN-301 Analog



Disease Progression >>>								
Week -4 to 0	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Habituation and establishment of baseline			- MIN-301a or vehicle daily dosing		1			End
MPTP dosing	x	X	x	x	x	X	x	X

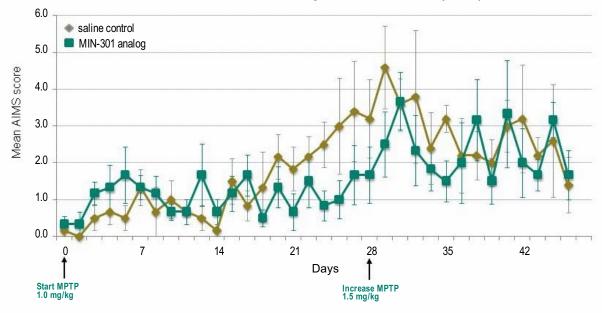
Read-outs:

- Daily clinical score (Parkinson signs) & body weight (twice weekly)
- · Circadian rhythm: 24-h home cage activity (once / week)
- Sleep with EEG recording (once / week)
- · Motor function (once / week)
- Locomotor activity
- Righting reflex
- · Pathology of substantia nigra
- Immunology: profiling of cytokines involved in inflammation and/or neurodegeneration including IL1α/β, MCP-1, MIP-1α, TNFα, IL6, IFN-γ, IL4, IL10, + inflammatory mediators (COX-2, NO-synthetase and leukotrienes), + trophic factors (GDNF, BDNF and TGFβ)

MIN-301 Analog: PRIMOMED Study



Results: effect of treatment on abnormal involuntary movements scale (AIMS)



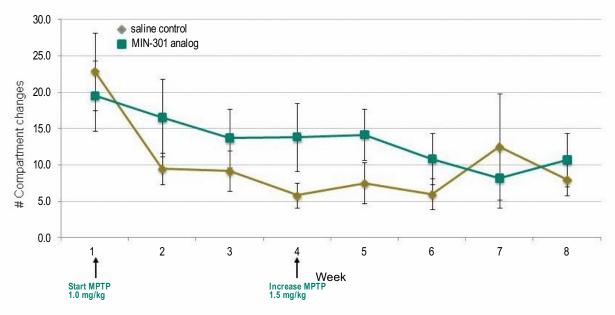
Summary

- The MIN-301 analog group generally performed better than saline during the first 32 days.
- After increasing the dose of MPTP an increase of AIMS score was observed in the MIN-301 analog group. Thereafter, the AIMS scores of both groups were found to be overlapping.

MIN-301 Analog: PRIMOMED Study



Results: effect of treatment on locomotor activity (bungalow test)



Summary

- After the start of the MPTP treatment, the saline group showed a clear drop in performance. The MIN-301 analog treated group did not show this huge drop of activity.
- After increasing the MPTP dose, the activity of both groups gradually merged to a same performance level.



Financial Summary



- At July 2014 IPO approximately 5.6M shares sold and a private placement of 0.7M shares at \$6/share resulting in net proceeds of \$29.9M
- Approximately 3.3M shares sold to Johnson & Johnson in a second private placement at \$6/share resulting in proceeds of \$19.7M
- Minerva paid a \$22M license fee to Janssen for certain rights to the MIN-202 program
- \$23.6M cash balance at 9/30/14
- \$15M credit facility with Oxford and SVB announced 1/20/15 (\$10m drawn down)
- Accumulated Net Operating Losses of \$67.3M as at 9/30/14
- 2014 IPO proceeds fund core MIN-101 & MIN-202 programs to end 2015
- MIN-117 & MIN-301 clinical initiation subject to additional funding
- 18,439,482 shares outstanding
- Approximately 2.1M options outstanding 9/30/14 (adjusted for cancellation of options in Nov 2014)
- 40,790 warrants issued in connection with the debt facility at exercise price of \$5.516

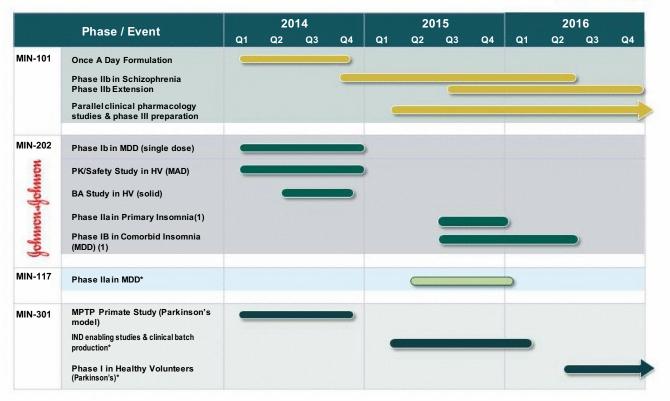
Patent Protection



	Patent Jurisdiction	Туре	U.S. Expiry	Term Extension	Regulatory Exclusivity
MIN-101	U.S., Europe, Canada, Australia, New Zealand, Russia and Israel	Composition of matter	2021	May be eligible for extension in the U.S. for up to 5 years	New Chemical Entity – 5 years in US Pediatric – 6 months in US Possible Orphan Drug – 7 years in US 10 years in Europe
	U.S., Brazil, Canada, China, Europe, Hong Kong, Indonesia, Japan, Korea, Taiwan and Russia	Methods of use / treatment	2031 (Pending)		
MIN-117	U.S., Germany, Spain, France, Italy, Netherlands, U.K. and Canada	Composition of matter	2020	May be eligible for extension in the U.S. for up to 5 years	New Chemical Entity – 5 years in US Pediatric – 6 months in US Possible Orphan Drug – 7 years in US 10 years in Europe
	U.S., To be filed in: Australia, Brazil, Canada, Chile, Colombia, Germany, Spain, France, Italy, Netherlands, U.K., Israel, Mexico, New Zealand, Peru, Russia, South Africa	Methods of use / treatment	2034 (Pending)		
MIN-202	European patent pending	Composition of matter	Application in process; if granted, would expire no earlier than 2030	-	10 years in Europe
MIN-301	U.S., Canada, Australia, Brazil, China, Japan, Mexico and Russia patents pending	Methods of use / treatment	Application in process; if granted, would expire no earlier than 2028	-	New Chemical Entity – 5 years in US Pediatric – 6 months in US Possible Orphan Drug – 7 years in US 10 years in Europe

Multiple Significant Clinical Milestones Ahead

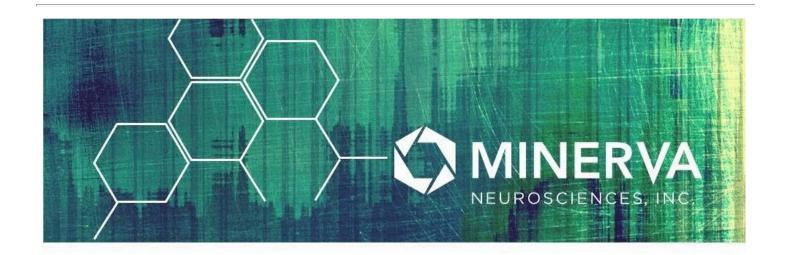




End of bar = topline results received or expected, as applicable

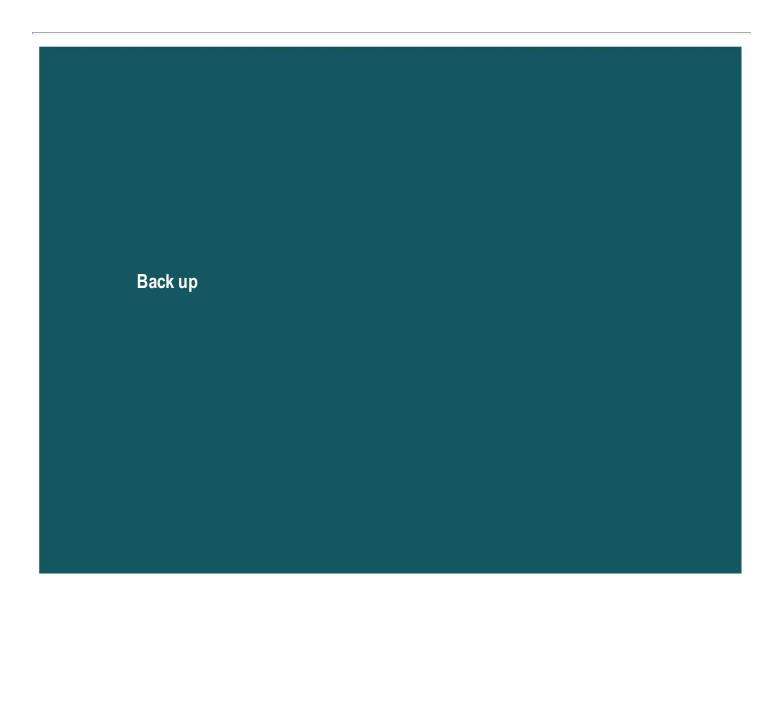
^{*}Subject to closing of \$25 million PIPE in March 2015

⁽¹⁾ Currently under review with Janssen



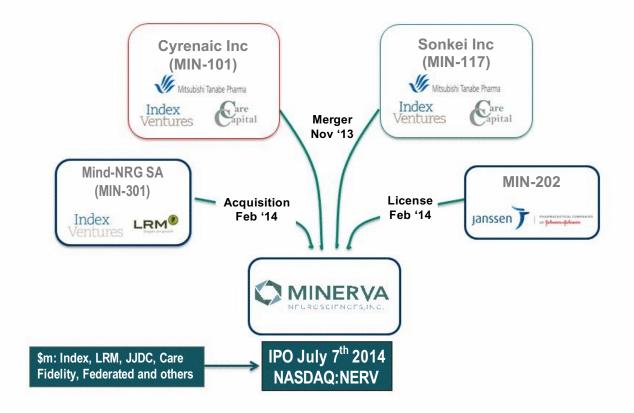
Thank You

Minerva Neurosciences, Inc. 1601 Trapelo Road, Suite 284, Waltham, MA 02451



Building Minerva

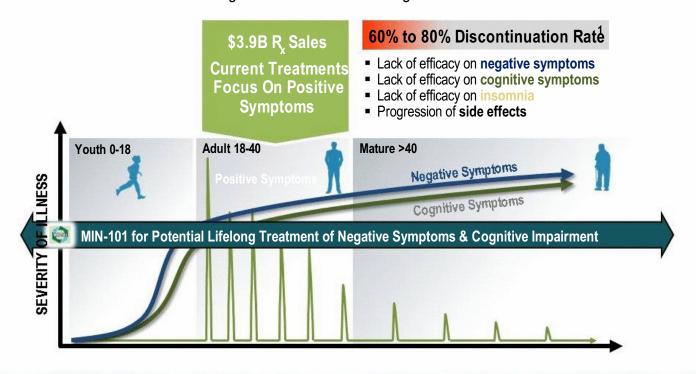






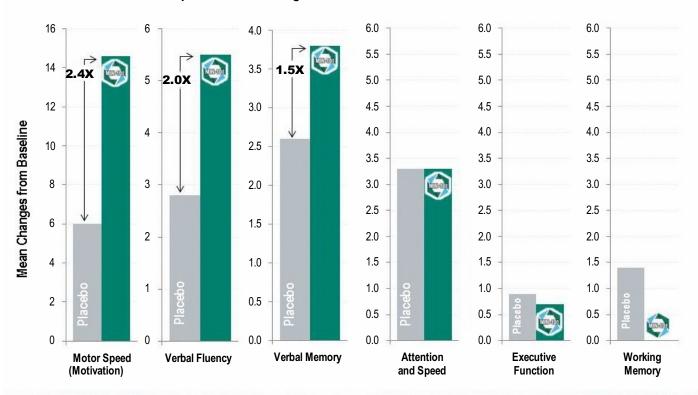
Schizophrenia:

An Effective and Safe Lifelong Treatment Remains A Significant Unmet Need





Improves Several Cognitive Dimensions After Three Months ⁽¹⁾

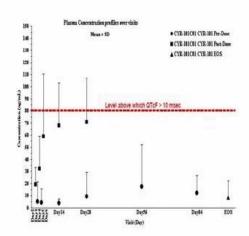


39 ___ (1) As measured at day 84 by BACS-Subscales Score - PPC

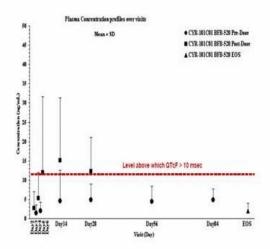
MIN-101: PK results MIN-101 & BFB-520



CYR-101

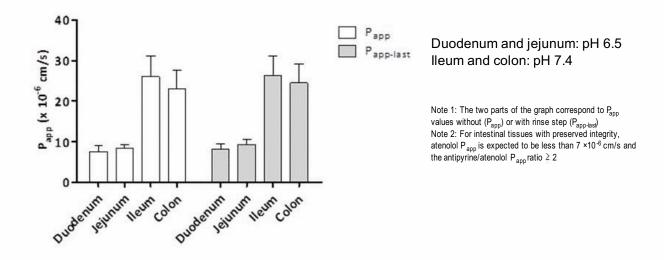


BFB-520



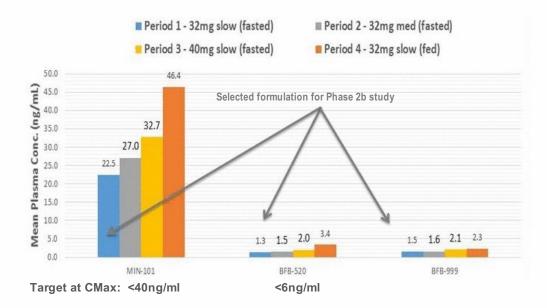
MIN-101: PC & Reformulation Work Permeability Properties in Rat Intestine Segments





In all intestinal segments, the permeability of MIN-101 is higher than that of atenolol (low permeability reference) and lower than that of antipyrine (high permeability reference) across the duodenum and jejunum, but similar across ileum and colon.





- 32 mg and 64 mg slow will be the doses used in the Phase IIb study
- Cmax is linear to dose: 64mg is expected to give twice the levels of 32mg
- The observed Cmax levels are far below that inducing QTc increases
- Increased safety margin by at minimum 5 times



Exploratory Objectives

- To evaluate the effects versus placebo of MIN-101 on depressive symptoms as measured by the Calgary Depression Scale for Schizophrenia (CDSS) over 12 weeks of double blind treatment.
- To evaluate the effects versus placebo of MIN-101 on social functioning by means of the Personal and Social Performance (PSP) over 12 weeks of double blind treatment.
- To assess the effects versus placebo of MIN-101 on sleep architecture and continuity as measured with the help of the V-Watch methodology over 122eeks of double blind treatment.

MIN-101C03: Phase IIb in Patients with Schizophrenia



Sleep Assessment

- Sleep and circadian rhythm disruptions are reported in 30% to 80% of patients with schizophrenia.
- Patients with insomnia report
 - lower quality of life
 - greater symptom severity
 - worse adherence/compliance to treatment
- Sleep disturbances have also been associated with enhanced psychosis
- Sleep is important for memory consolidation, thus disturbances in sleep architecture, or circadian desynchronization could also contribute to the cognitive impairment observed in schizophrenia.
- MIN-101 showed effects on sleep architecture in the previous Phase 2a study that could possibly be linked to
 the improvements observed on negative symptoms and cognition, thus they will be further investigated in the
 present study.
 - In a subgroup of patients (20) who underwent sleep recordings (PSG), sleep was evaluated at Baseline and Day 14. MIN-101 had an effect on
 - Slow Wave Sleep (SWS) distribution: it shifted SWS from the end to the beginning of the night: MIN-101 significantly increased SWS in the first third of the night and decreased it in the last third of the night.
 - Sleep initiation parameters (sleep onset latency, latency to persistent sleep).
 - Subjective sleep quality as measured by PSQI improved and this improvement was greater with MIN-101 than with placebo although not statistically significant.



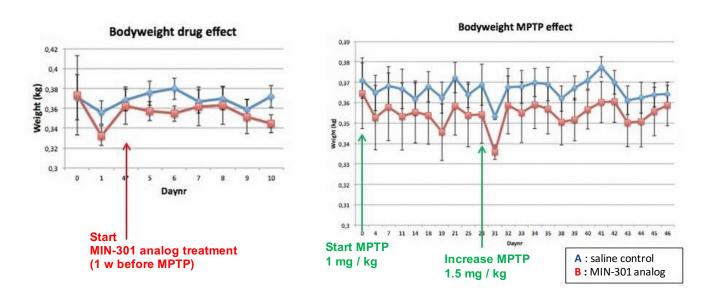
Main Exclusion Criteria

- Current bipolar disorder, panic disorder, obsessive compulsidesorder, or evidence of mental retardation.
- Patient's condition is due to direct physiological effects of a substance (e.g., a drug of abuse, or medication) or a general medical condition.
- Significant risk of suicide or attempted suicide, or of dangter self or others.
- Patient who cannot be discontinued from psychotropics other than those allowed.
- Patient who received clozapine within conths of the Screening visit.
- Patient receiving treatment with depot antipsychotic medication can be enrolled in the study 4
 weeks after the last injection.
- Patient with a history of significant other major or unstable neurological, neurosurgical (e.g., head trauma), metabolic, hepatic, renal, hematological, pulmonary, cardiovascular, metabolic, gastrointestinal, or urological disorder.
- Patient with a clinically significant electrocardiogram (ECG) abnormality that could be a safety issue in the study, including QT interval value corrected for heart rate using the Fridericia's formula (QTcF) > 430 msec for males and ≯50 msec for females.





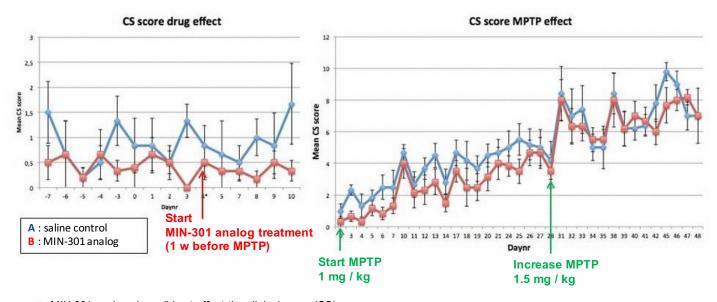
Effect Of Treatment On Body Weight



Body weight during the complete study showed no remarkable effect in both groups



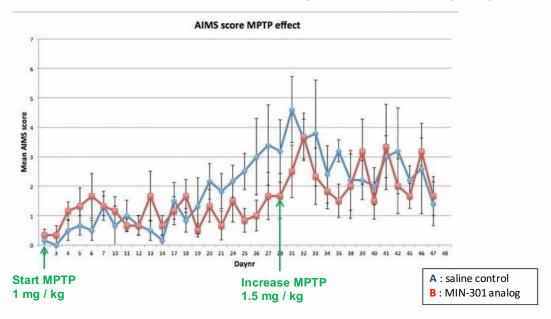
Effect Of Treatment On Parkinsonian Clinical Signs



- MIN-301 analog alone did not affect the clinical score (CS). After start of MPTP treatment, the CS stayed very low (below 6) until day 28. During this period, the MIN-301 analog group did better compared to the vehicle group.
- After increase of MPTP dose to 1.5 mg/kg a huge increase of the CS in both groups was observed. The MPTP dose did lead to a saw-tooth pattern on the CS indicating direct MPTP toxic effects next to the Parkinson progression effects.



Effect Of Treatment On Abnormal Involuntary Movements Scale (AIMS)

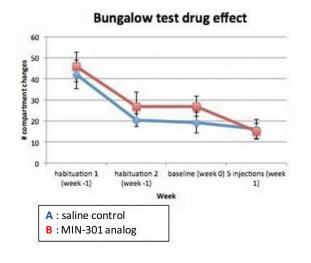


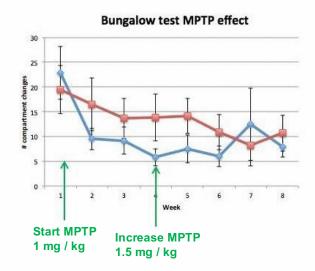
On AIMS:

- The MIN-301 analog group generally performed better than saline during the first 32 days.
- After increasing the dose of MPTP an increase of AIMS score was observed in the MIN-301 analog group. Thereafter, the AIMS scores of both groups were found to be equal.



Effect of Treatment on Locomotor Activity (Bungalow Test)





- In the bugalow test there was a drop of activityafter treatment of MIN-301 analog and placebo in healthy monkeys, measured by the number of compartment changes (from baseline week 0 to week 1).
- Afterthe start of the MPTP treatment, the saline group showed a clear drop in performance.
- The MIN-301 analog treated group did not show this huge drop of activity.
- · After increasing the MPTP dose, the activity of both groups gradually merged to a same performance level.