

## CORPORATE FACT SHEET

January 8, 2018

### STOCK INFORMATION (at January 5, 2018)

Ticker: CEMI

**Exchange:** Nasdaq

Share Price: \$8.24/share

Market Cap: \$101.5 Million

### **CORPORATE HIGHLIGHTS**

# A global leader in point-of-care (POC) infectious disease diagnostics

- Sales in 40+ countries
- Global commercialization organization servicing the U.S., Europe, Africa, Asia Pacific and Latin America
- Operations and manufacturing in the U.S. and Southeast Asia

# Groundbreaking patented $\operatorname{DPP}^{\otimes}$ technology platform

- Superior sensitivity and specificity vs. traditional lateral flow technology
- Multiple tests from a tiny (10uL) drop of fingertip blood (multiplexing)

# Robust pipeline of new $\mbox{\rm DPP}^{\mbox{\tiny 0}}$ POC assays in development

- DPP<sup>®</sup> HIV-Syphilis Combination Assay (U.S. version)
- DPP<sup>®</sup> Fever Assay Africa (Malaria, Dengue, Zika, Chikungunya, Ebola, Lassa, Marburg)
- DPP® Fever Assay Asia (Malaria, Dengue, Zika Chikungunya, Leptospirosis, Rickettsia typhi, Burkholderia pseudomallei, Orientia tsutsugamushi.)
- DPP<sup>®</sup> Technology Collaborations (Traumatic Brain Injury, Cancer, Bovine TB)

### Multiple high-value collaborations

- U.S. Government, HHS/ASPR/BARDA: Zika, Dengue, Chikungunya
- Paul G. Allen Ebola Program: Fever Panel -Africa, Zika
- Bill & Melinda Gates Foundation: Malaria Oral Fluid/Saliva
- Centers for Disease Control & Prevention (CDC):
  Malaria, Ebola
- FIND: Fever Panel Asia

### **COMPANY SNAPSHOT**

Chembio Diagnostics, Inc. (NASDAQ: CEMI) develops, manufactures, licenses and markets rapid diagnostic assays in the growing \$8.0 billion point-of-care (POC) testing market. In addition to its branded and proprietary HIV and fever disease assays, which it sells in the U.S. and/or internationally, the Company has several ongoing collaborations for the development of diagnostic assays for Malaria, Dengue Fever, Zika, Ebola and other febrile illness, brain injury and a specific form of cancer.

**Dual Path Platform (DPP**<sup>®</sup>) is Chembio's patented POC technology, which offers significant advantages over lateral-flow technologies including enhanced sensitivity and the ability to conduct multiple tests from a single sample (multiplexing). DPP<sup>®</sup> continues to provide Chembio with a growing pipeline of business opportunities for the development and manufacture of new products.

### CHEMBIO'S LEAD PRODUCTS

## DPP® HIV-Syphilis Assay

\*available in selected non-U.S. markets

• Rapid, muliplex detection of HIV 1, HIV 2, and syphilis using a single sample

# Buffer SHC Om SH

### DPP® HIV 1/2 Assay

• Rapid detection of HIV 1 and HIV 2 antibodies in oral fluid and all blood matrices



### HIV 1/2 STAT-PAK® Assay

• Single-use, rapid, visual detection of HIV 1 and HIV 2 antibodies



### **SURE CHECK® HIV 1/2 Assay**

• Self-contained, single-use collection & testing device



### CHEMBIO'S DPP® DUAL PATH PLATFORM

- Patented technology
- Allows improved sensitivity and specificity compared to lateral flow technology
- Enables multiple test results via a single blood sample (e.g., HIV-Syphilis Combo Assay)
- Utilized with DPP® Micro Reader for semi-quantitive results
- Offers application within infectious disease and potential for a number of other indications





DPP® Assay

DPP® Micro Reader

### SALES AND MARKETING

- Global commercialization organization
- Internal sales and marketing infrastructure
- Partnerships with leading distributors
- Experienced and accomplished leadership
- Strategic base of operations in Southeast Asia
- Sales organization servicing the U.S., Europe, Africa, Asia Pacific and Latin America

### MANUFACTURING AND OPERATIONS

- Operations in Medford, New York and in Malaysia
- High volume manufacturing capabilities
- 65,000 sq. ft. leased facilities
- Robust quality management system
- Regulatory access in Southeast Asia
- Total employees: ~165

### **Sexually Transmitted Diseases**

### HIV

- Approximately 37 million people living with HIV/AIDS worldwide (2015)
- More than 1.1 million people in the U.S. are living with HIV infection, and approximately 1 in 8 are unaware of their infection

### **Syphilis**

- Approximately 12 million people globally become ill with syphilis annually (2015)
- From 2005-2013, syphilis cases in the U.S. nearly doubled, from 8,724 to 16,663

### **DPP® PIPELINE & COLLABORATORS**

### **Chembio Current Internal Development:**

- DPP<sup>®</sup> HIV-Syphilis Assay (U.S. market)
  DPP<sup>®</sup> Malaria Assay
- DPP® Chikungunya Assay

### **Current Development Collaborations:**

- DPP® Dengue Fever Undisclosed collaborator
- DPP® Ebola & Febrile Illness CDC Research Agreement
- DPP® Fever Panel Africa The Paul G. Allen Ebola Program
- DPP® Fever Panel Asia FIND
- DPP® Malaria OF/Saliva- The Bill & Melina Gates Foundation
- DPP® Zika Assay The Paul G. Allen Family Foundation & HHS/BARDA
- DPP® Zika/Dengue/Chikungunya Assay HHS/BARDA (HHS option)
- DPP® Traumatic Brain Injury Perseus Science Group LLC
- DPP® Cancer (a specific form) Undisclosed collaborator
- DPP® BovidTB Assay U.S. Department of Agriculture

### **Fever Diseases**

### Malaria

Approximately 214 million Malaria infections and 438,000 deaths annually (2015)

### **Dengue Fever**

Approximately 390 million Dengue infections annually with 40% of the world population at risk (2013)

Approximately 28,000 infections and 11,000 deaths (2014 - 2015)

### <u>Zika</u>

Since 2015, the geographical range of Zika virus has expanded rapidly, with transmission reported in 60+ countries.

### **Tech Transfer and Distribution:**

- DPP<sup>®</sup> technology for Geenius<sup>™</sup> HIV 1/2 Confirmatory Assay Bio Rad
   DPP<sup>®</sup> product distribution in Brazil Oswaldo Cruz Foundation
- DPP® co-branding and distribution in Brazil Labtest Diagnostica SA

### SENIOR EXECUTIVE OFFICERS

John J. Sperzel III Chief Executive Officer

Javan Esfandiari, M.S. Chief Science & Technology Officer

Neil A. Goldman, CPA EVP & Chief Financial Officer

Sharon Klugewicz, M.S. President, Americas Region

Robert Passas, Ph.D. President, EMEA & APAC Regions