# Pepinemab – Anti-SEMA4D Antibody for Cancer Immunotherapy and Neurodegenerative Disease



lovel Mechanisms New Medicines **Corporate Presentation** 

April 22, 2022

**VCNX** 

### **Forward Looking Statements**

To the extent that statements contained in this presentation are not descriptions of historical facts regarding Vaccinex, Inc. ("Vaccinex," "we," "us," or "our"), they are forward-looking statements reflecting management's current beliefs and expectations. Such statements include, but are not limited to, statements about the Company's plans. expectations and objectives with respect to the results and timing of clinical trials of pepinemab in various indications, the use and potential benefits of pepinemab in Huntington's and Alzheimer's disease and other indications, and other statements identified by words such as "may," "will," "appears," "expect," "planned," "anticipate," "estimate," "intend," "hypothesis," "potential," "advance," and similar expressions or their negatives (as well as other words and expressions referencing future events, conditions, or circumstances). Forward-looking statements involve substantial risks and uncertainties that could cause the outcome of the Company's research and pre-clinical development programs, clinical development programs, future results, performance, or achievements to differ significantly from those expressed or implied by the forwardlooking statements. Such risks and uncertainties include, among others, uncertainties inherent in the execution, cost and completion of preclinical and clinical trials, uncertainties related to regulatory approval, the risks related to the Company's dependence on its lead product candidate pepinemab, the ability to leverage its ActivMAb® platform, the impact of the COVID-19 pandemic, and other matters that could affect the Company's development plans or the commercial potential of its product candidates. Except as required by law, the Company assumes no obligation to update these forward-looking statements. For a further discussion of these and other factors that could cause future results to differ materially from any forward-looking statement, see the section titled "Risk Factors" in the Company's periodic reports filed with the Securities and Exchange Commission ("SEC") and the other risks and uncertainties described in the Company's most recent year end Annual Report on Form 10-K and subsequent filings with the SEC.





# NOVEL ANTIBODY THERAPEUTICS TO TARGET UNMET NEEDS



Lead product: Pepinemab

First in class: Blocks a unique target, Semaphorin 4D

Humanized IgG4 monoclonal antibody

- ✓ Clinical Proof of Concept
- Advanced clinical programs with opportunities for monetization by partnering

### Pepinemab

SEMA4D is activated in immune and central nervous systems in response to stress/disease

### **Cancer Immunology**

- Facilitates infiltration of T cells and reduce immunosuppression
- Data suggest pepinemab may complement immune checkpoint therapies without added toxicity
- Completed Phase 2 trial in lung cancer
- Ongoing Phase 1b/2 trial in head and neck cancer, collaboration with Merck

### **Neurologic Diseases**

- Targets underlying disease pathology
- Data suggest ability to repair and restore normal functions
- Broad application
- Completed Phase 2 trial in Huntington's Disease - Phase 3-ready asset
- Ongoing Phase 1/2a trial in Alzheimer's Disease





# PEPINEMAB, IMMUNO-ONCOLOGY

Unique mechanism of action

Neutralizes the SEMA<sub>4</sub>D barrier at tumor boundary and inhibits immune suppressor cells to facilitate anti-tumor immune cells

Data suggests synergy with immune checkpoint therapy

Well tolerated



### Status

### Complete



### on (NCCLC)

Phase 1b/2 Non Small Cell Lung Cancer (NSCLC)
Data published in Clinical Cancer Research, 2021
Pepinemab Combination with Bavencio ™

### **Sponsored by:**



Co-funded by: EMD Serono/Merck KGaA, Darmstadt



### Summary

#### **CLASSICAL-Lung**

- Well tolerated
- Anti-tumor activity observed in some patients with challenging PD-L1 negative or low tumors
- Anti-tumor activity observed in some patients whose cancer was resistant to prior therapy with single-agent checkpoint inhibitors
- Increased penetration of cytotoxic T cells following treatment

# Ongoing – Expansion Phase



Phase 1b/2 Head and Neck Cancer (R/M HNSCC)

Phase 1b complete

Interim data 2H 2022, further data Q1 2023

Pepinemab Combination with Keytruda ™

### **Sponsored by:**



Collaboration with: Merck, MSD



#### **Head and Neck Cancer (Keynote B84)**

- RATIONALE: High levels of myeloid derived suppressor cells (MDSC) are induced by SEMA4D and are a source of resistance to immune checkpoint therapy
- First line treatment for recurrent or metastatic HNSCC
- 18 sites, US, n=62
- Phase 1b: Among 3 patients enrolled, 2 complete responses (CR)

# PEPINEMAB, NEURODEGENERATIVE DISEASE

Unique mechanism of action

We believe pepinemab has the potential to block chronic glial activation and restore their normal support functions.

Broadly applicable approach

Targets common trigger of reactive inflammation which contributes to & amplifies neurodegeneration

Complete

Status



### Sponsored by:



Granted Orphan Disease and Fast Track Designation by FDA

### Summary

#### **Huntington's Disease (SIGNAL)**



SIGNAL-AD

- Well tolerated
- Co-primary endpoints did not achieve statistical significance (CGIC and family of 2 cognitive assessments)
- Improvements observed in cognitive assessments
- Observed reduced brain atrophy (vMRI) and restored loss of metabolic activity (FDG-PET)
- Post-hoc analysis informed patient selection
- Phase 3-ready asset

**Ongoing** 



Phase 1/2a Alzheimer's Disease

**Phase 2 Huntington's Disease** 

Double-blind, Placebo-controlled

Double-blind, Placebo-controlled

Data expected H2 2023





### **Funding by:**





### Alzheimer's Disease (SIGNAL-AD)



- Key efficacy assessments: Cognition and metabolic activity (FDG-PET)
- 14 sites, US
- 40 participants (n=20/treatment arm)







**INCORPORATED** 

2001



**HEADQUARTERS** 

Rochester, NY



**EMPLOYEES** 

39



**IPO NASDAQ VCNX** 

August 2018

Vaccinex, Inc. (Nasdaq: VCNX) is a publicly traded clinical-stage biotechnology company engaged in the discovery and development of targeted biotherapeutics to treat serious diseases with unmet medical needs, including cancer and neurodegenerative diseases.

**CAPITAL RAISE** 

**FEBRUARY 2021** \$32.0, **JANUARY 2022** \$13.2 M



\$16.4 M

**SHARES OUTSTANDING\*** 

42.66 M

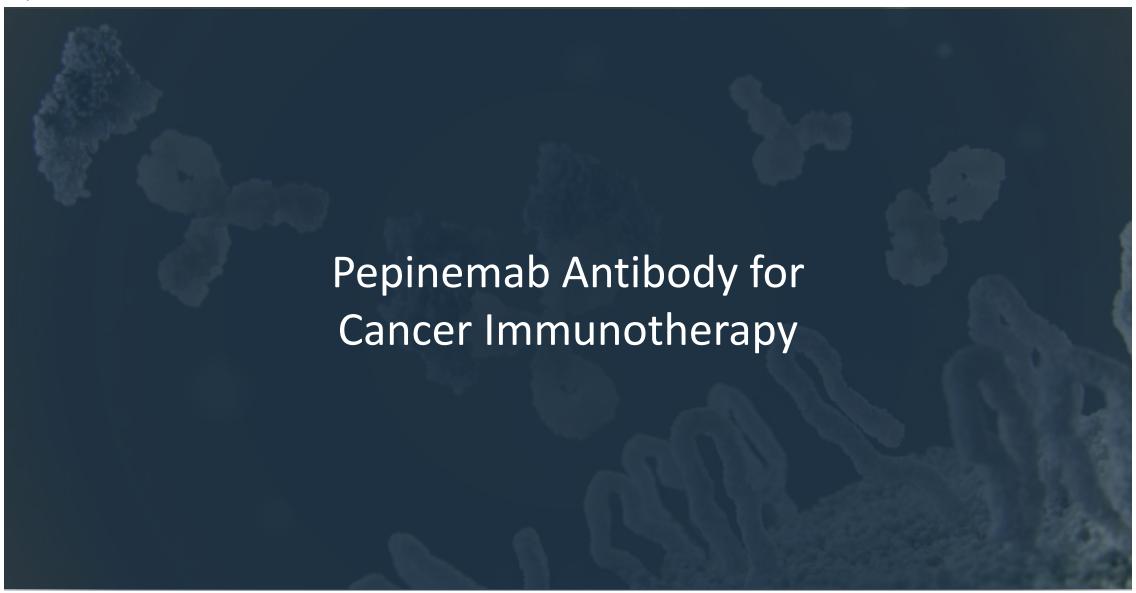


**ANALYSTS** 

BTIG (T.Shrader)

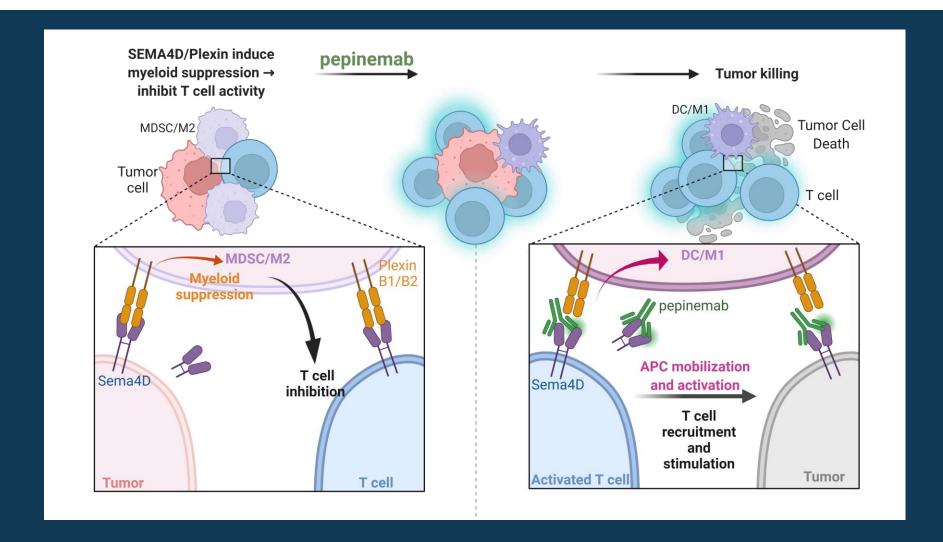






# PROPOSED MECHANISM OF ACTION:

Unique mechanism to reverse myeloid suppression and facilitate T cell infiltration

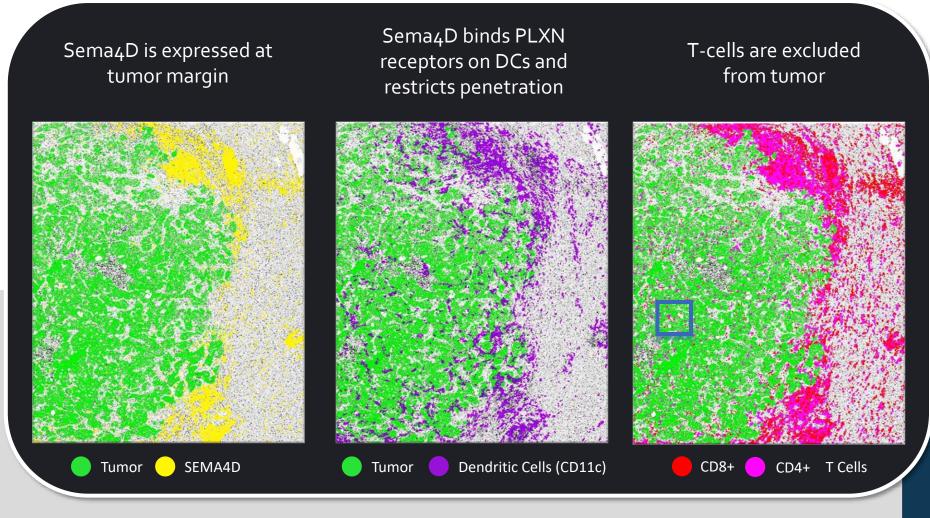




# WHY DOES IMMUNE RESPONSE FAIL IN TUMORS?

# Immune Exclusion

Activated T-cells and dendritic cells can't penetrate tumor



#### Pro-inflammatory cells are excluded from tumor and build up at the invasive edge

CD8 T cells align with Sema4D at the invasive edge of the tumor. Most of these excluded T-cells express Sema4D. Dendritic Cells express receptors for SEMA4D and are heavily excluded at the invasive edge. Human metastatic colorectal tumor, in collaboration with Emory University (NCT03373188)



# UNIQUE MECHANISM

# Pepinemab:

1

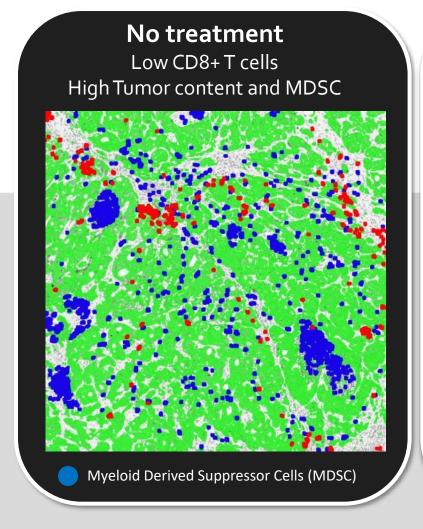


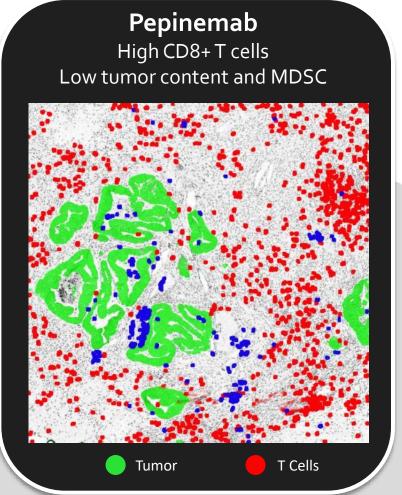
↑ cytotoxic T cells

2



↓ inhibitory suppressor cells





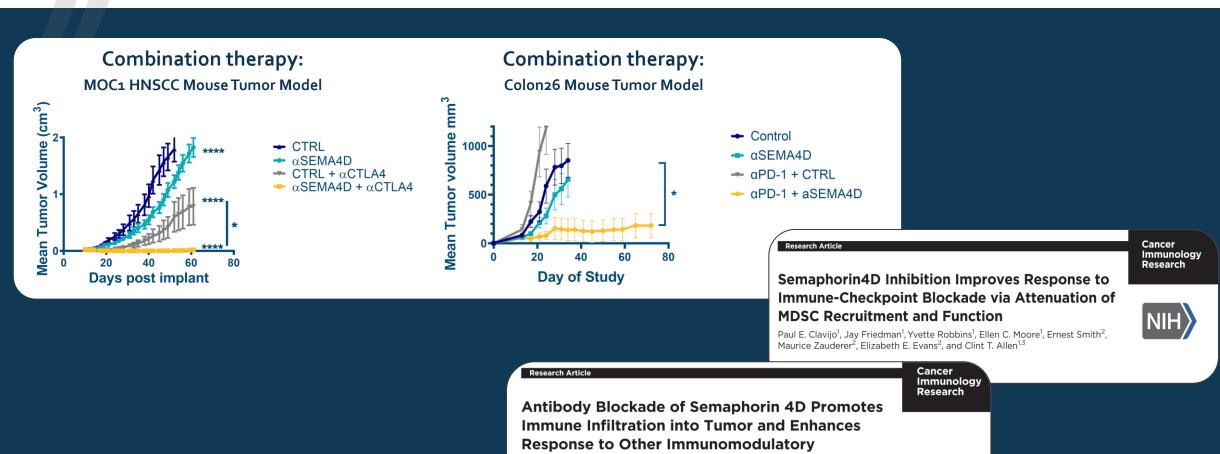
### **Biopsies from patients with metastatic MSS Colorectal Cancer**

Human metastatic colorectal tumor, in collaboration with Winship Cancer Institute, Emory University integrated biomarker study (NCT03373188), Wu et al. Ann Surg Oncol. 2021



# **COMBINATION THERAPY:**

Preclinical data suggests that pepinemab complements other immunotherapies



Therapies 22



Elizabeth E. Evans, Alan S. Jonason Jr. Holm Bussler, Sebold Torno, Janaki Veeraraghavan,



### Phase 1b/2 CLASSICAL-Lung

### All patients received Pepinemab+Avelumab

- IO-naïve, first line. n=32
- IO-refractory/resistant. n=32
- Well tolerated. Pepinemab does not appear to increase immune-related toxicities of partner drug
- 2. Unmet Need: PD-L1 low/negative tumors
  - Reported single agent anti-PDx:
     ORR ~10-15%
  - Combination with pepinemab:
     ORR 25-33%
- 3. Unmet Need: Antitumor activity observed in *immune checkpoint resistant/refractory* tumors

Sponsored by:

Co-funded by:





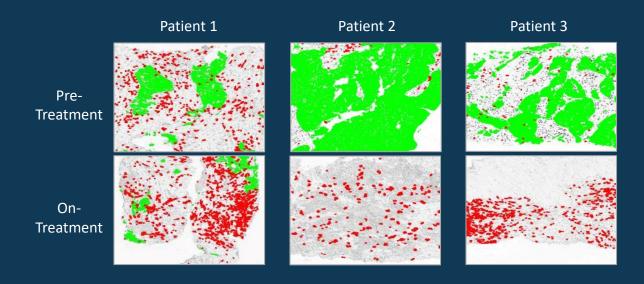
CLINICAL CANCER RESEARCH
HIGHLIGHTS

# A Phase Ib/2 Study of Pepinemab in Combination with Avelumab in Advanced Non-Small Cell Lung Cancer



Michael Rahman Shafique<sup>1</sup>, Terrence Lee Fisher<sup>2</sup>, Elizabeth E. Evans<sup>2</sup>, John E. Leonard<sup>2</sup>, Desa Rae Electa Pastore<sup>2</sup>, Crystal L. Mallow<sup>2</sup>, Ernest Smith<sup>2</sup>, Vikas Mishra<sup>2</sup>, Andreas Schröder<sup>3</sup>, Kevin M. Chin<sup>4</sup>, Joseph Thaddeus Beck<sup>5</sup>, Megan Ann Baumgart<sup>6</sup>, Ramaswamy Govindan<sup>7</sup>, Nashat Y. Gabrail<sup>8</sup>, Alexander I. Spira<sup>9</sup>, Nagashree Seetharamu<sup>10</sup>, Yanyan Lou<sup>11</sup>, Aaron Scott Mansfield<sup>12</sup>, Rachel E. Sanborn<sup>13</sup>, Jonathan W. Goldman<sup>14</sup>, and Maurice Zauderer<sup>2</sup>

### Data suggests increased penetration of cytotoxic T cells.



12

CD8+ T cells

NCT03268057

# **RATIONALE FOR** TREATMENT OF HNSCC

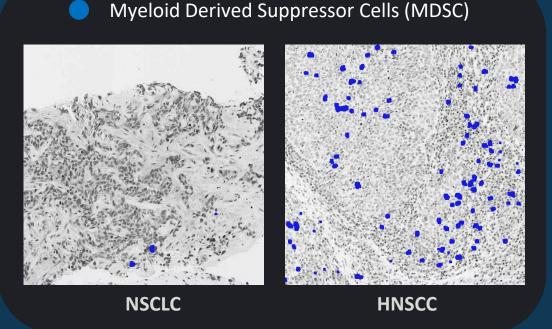


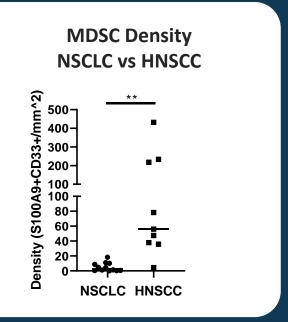
### **Head and Neck cancer (HNSCC)**

- Data suggest that SEMA4D is strongly expressed in HNSCC & induces high levels of myeloid derived suppressor cells (MDSC)
- Relatively low (17-19%) response rate to immune checkpoint therapy in HNSCC



Hypothesis: Inhibiting MDSC with pepinemab may enhance response to pembrolizumab in HNSCC







# KEYNOTE B-84 HEAD AND NECK CANCERTRIAL

- Open label, single arm: All patients receive standard of care Keytruda plus pepinemab for first- line treatment
- 18 sites planned, USA
- Ph1b Safety: COMPLETE
  - Appeared to be well tolerated
  - RP2D: 20mg/kg pepi and 200mg pembro, Q3W
  - Among 3 patients enrolled,2 complete responses (cCR, RECIST1.1)
  - 1 non-evaluable
- Ph2 Expansion: 9 patients enrolled as of Mar10



Collaboration with:



KEYNOTE B84: pepinemab + Keytruda® for first-line treatment of recurrent or metastatic head and neck cancer



### Phase 1b: Safety Phase 2: Expansion Phase No dose limiting • PD-L1 high (CPS ≥20) n ~31 toxicities (DLT) • PD-L1 low/negative (CPS <20) n ~31 Total: up to 62 patients • Total of 3 patients **JUL 2021 JAN 2022** H<sub>2</sub> 2022 Q1 2023 **Safety Period Interim Report Topline Data** ~midpoint of enrollment **Objective Response Objective Response** Phase 1b Safety Review: Complete

NCT04815720

2 CR observed

# **KEYNOTE-B84**

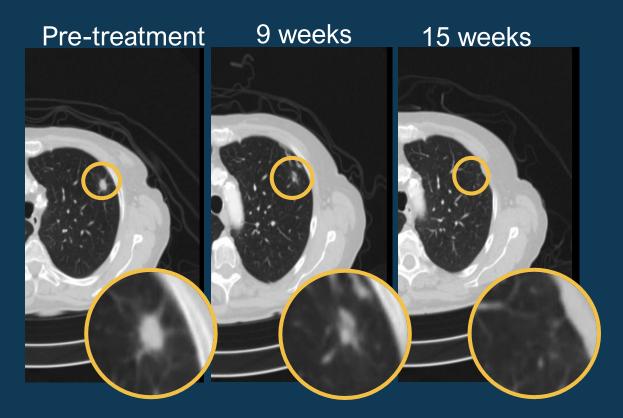
### Case Study #1, Phase 1b Safety Cohort

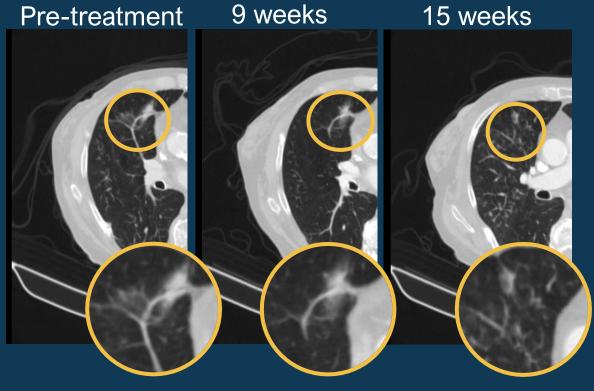


### **Case Study # 1 Scans: Complete Response (confirmed)**

Oropharyngeal cancer

Target lesions: metastatic lung lesions (Left 11mm, Right 15mm)







Right Lung

# KEYNOTE-B84 Case Studies, Phase 1b Safety Cohort



	Biopsy	Scans			Biomarkers	Adverse
Case Study # 1: CR (confirmed)	week 5	week 9	~week 15	Q6W		Events
Oropharyngeal cancer Target lesions: metastatic lung lesions (Left 11mm, Right 15mm)	NO malignancy	19% decrease, SD	100% decrease, <b>CR</b>	Confirmed, CR (thru week 27*) *as of Mar10	PD-L1 CPS<20 HPV negative	none of notable severity
Case Study # 2: CR (confirmed)						
Larynx cancer with direct invasion into thyroid and neck Target lesion: neck mass (37mm)	NO malignancy	100% decrease, <b>CR</b>	Confirmed, CR	Scan Pending	PD-L1 CPS<1 HPV negative	Grade 1 rash
Case Study # 3: Non-evaluable						
Cancer of the tongue Investigator Review: clinical progression withdrew from study at Week 6	Tumor Present	Non- evaluable			PD-L1 CPS<20 HPV positive	Unrelated (SAE) attributed to a pre-existing co-morbidity (diabetes)

# PEPINEMAB FOR IMMUNO-ONCOLOGY SUMMARY & NEXT STEPS







**Mechanism of Action** 

**Safety and Tolerability** 

**Observed Clinical Activity** 

Preclinical data suggest:
Facilitate infiltration of T cells
and dendritic cells

Reduce immunosuppression

### Well tolerated

Does not appear to enhance immune-related toxicities of partner drug

**Reprogram** immune infiltrate in TME

Potential to overcome immune resistance in PD-L1 negative/low tumors and ICI resistant/refractory tumors

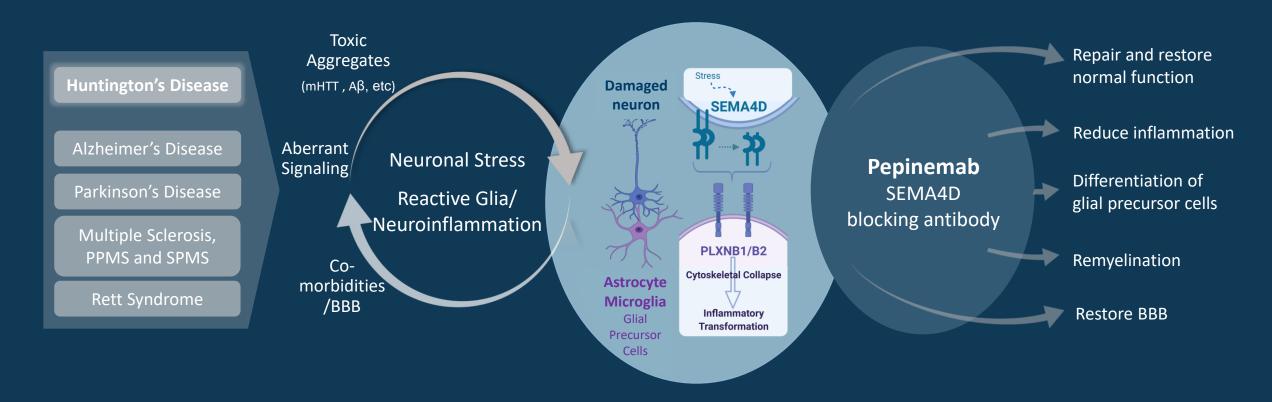






# PROPOSED MECHANISM OF ACTION:

Preclinical and clinical evidence suggests pepinemab may reprogram underlying pathology in CNS diseases



# **Preclinical Neurology Models**

# SEMA<sub>4</sub>D antibody blockade improves disease phenotype

Anti-semaphorin 4D immunotherapy ameliorates neuropathology and some cognitive impairment in the YAC128 mouse model of Huntington disease



Amber L. Southwell <sup>a</sup>, Sonia Franciosi <sup>a</sup>, Erika B. Villanueva <sup>a</sup>, Yuanyun Xie <sup>a</sup>, Laurie A. Winter <sup>b</sup>, Janaki Veeraraghavan <sup>b</sup>, Alan Jonason <sup>b</sup>, Boguslaw Felczak <sup>a</sup>, Weining Zhang <sup>a</sup>, Vlad Kovalik <sup>a</sup>, Sabine Waltl <sup>a</sup>, George Hall <sup>a</sup>, Mahmoud A. Pouladi <sup>c,d</sup>, Ernest S. Smith <sup>b</sup>, William J. Bowers <sup>b</sup>, Maurice Zauderer <sup>b</sup>. Michael R. Havden <sup>a,\*</sup>

SEMA4D compromises blood-brain barrier, activates microglia, and inhibits remyelination in neurodegenerative disease



Ernest S. Smith <sup>a</sup>, Alan Jonason <sup>a</sup>, Christine Reilly <sup>a</sup>, Janaki Veeraraghavan <sup>a</sup>, Terrence Fisher <sup>a</sup>, Michael Doherty <sup>a</sup>, Ekaterina Klimatcheva <sup>a</sup>, Crystal Mallow <sup>a</sup>, Chad Cornelius <sup>a</sup>, John E. Leonard <sup>a</sup>, Nicola Marchi <sup>b</sup>, Damir Janigro <sup>b</sup>, Azeb Tadesse Argaw <sup>c</sup>, Trinh Pham <sup>c</sup>, Jennifer Seils <sup>a</sup>, Holm Bussler <sup>a</sup>, Sebold Torno <sup>a</sup>, Renee Kirk <sup>a</sup>, Alan Howell <sup>a</sup>, Elizabeth E. Evans <sup>a</sup>, Mark Paris <sup>a</sup>, William J. Bowers <sup>a</sup>, Gareth John <sup>c</sup>, Maurice Zauderer <sup>a,\*</sup>

a Vaccinex, Inc., Rochester, NY 14620, USA

2014 Neurobiology of Disease





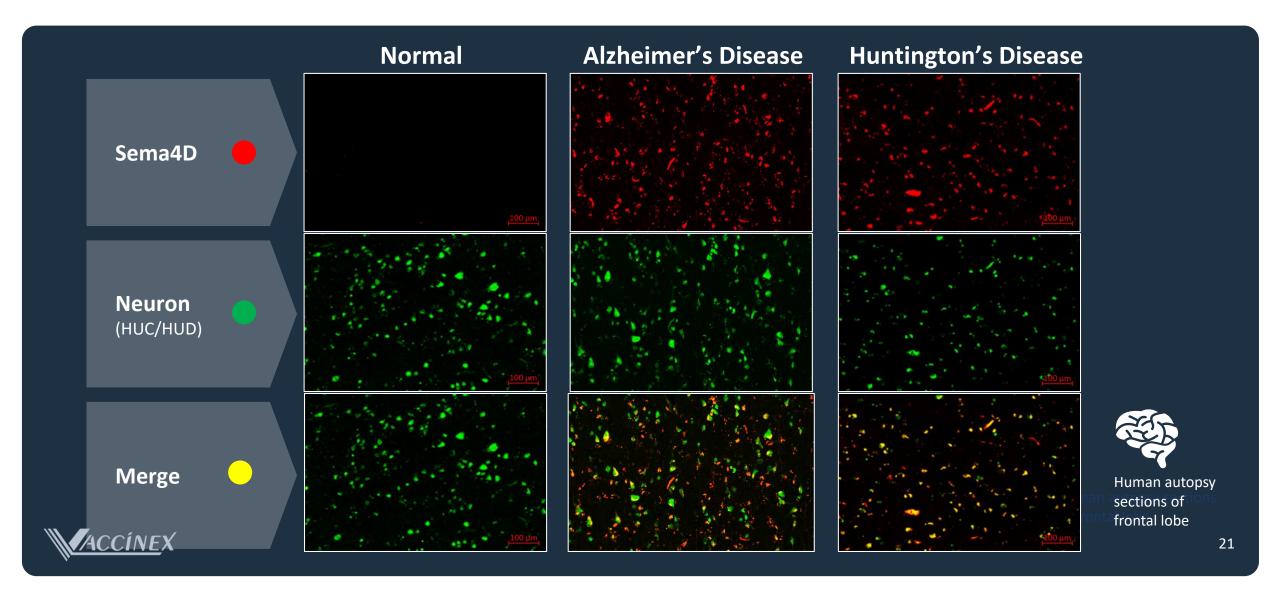
Article

Anti-Semaphorin 4D Rescues Motor, Cognitive, and Respiratory Phenotypes in a Rett Syndrome Mouse Model

Yilin Mao <sup>1,2</sup>, Elizabeth E. Evans <sup>3</sup>, Vikas Mishra <sup>3</sup>, Leslie Balch <sup>3</sup>, Allison Eberhardt <sup>3</sup>, Maurice Zauderer <sup>3,†</sup> and Wendy A. Gold <sup>1,2,4,5,\*,†</sup>



# SEMA4D IS OBSERVED TO BE UPREGULATED IN NEURONS DURING UNDERLYING DISEASE PROGRESSION



# HUNTINGTON'S DISEASE





### **Genetic Disease**

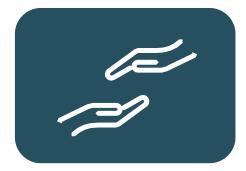
HD is caused by dominant mutation in a single gene.



~40,000 individuals

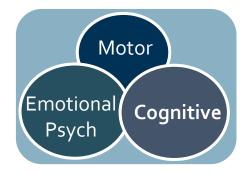
with manifest disease in US

>150,000 more at risk of inheriting mutation



#### **Unmet need**

No approved treatments to alter the course of Huntington's Disease.



### **Symptoms**

Cognitive impairment = most significant impact on daily life (FDA Voice of the Patient)

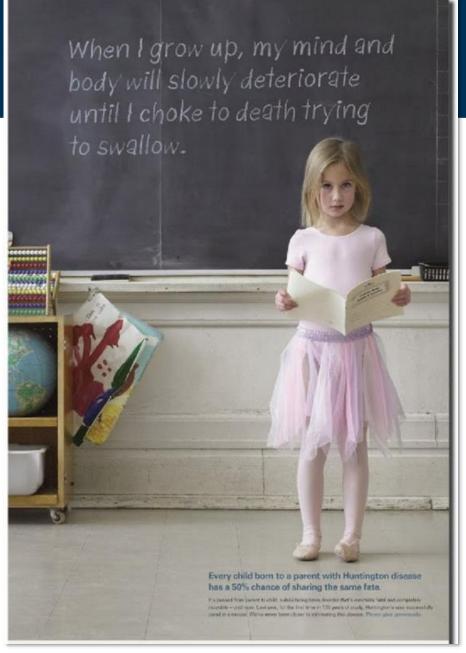


Photo credit: Huntington Society of Canada

# **HUNTINGTON'S DISEASE**



Abbreviated Clinical Trial Design\*



Orphan Disease and Fast Track Designations



### ABBREVIATED SAFETY AND BASELINE CHARACTERISTICS



mITT: Early Manifest HD

Pepinemab (PEPI) SEMA4D blocking antibody is well tolerated

Early Manifest HD	Placebo (n=88)	Pepinemab (n=91)	
Discontinued Treatment Early	10	13	
Had any SAE (*)	8	4	
Had any Grade 3+ AE (*)	14	17	
CAG repeat length	44.1	43.5	
CAP score**	470	466	
UHDRS-DCL at screening DCL-4, Unequivocal HD (>99% confident)	88 (100%)	91 (100%)	
UHDRS-TFC at screening, n (%)			
11 12-13	33 (38%) 55 (62%)	29 (32%) 61 (68%)	
MoCA score, mean (SE)	26.02 (2.04)	26.14 (2.30)	
MoCA <26 subgroup	23.97 (0.94)	23.78 (1.07)	
MoCA ≥26 subgroup	27.44 (1.21)	27.72 (1.34)	



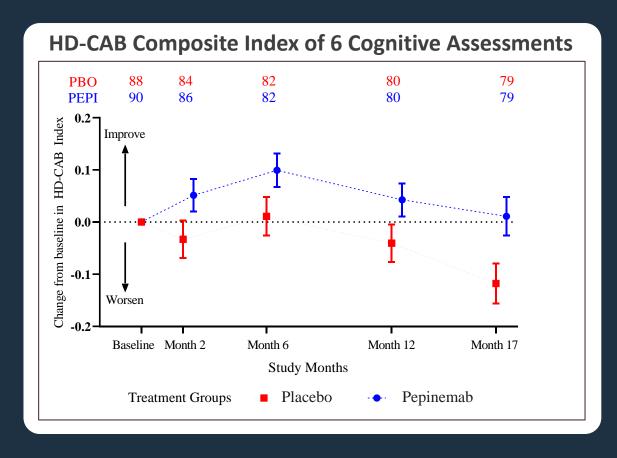
<sup>\*</sup>pre-COVID era;

<sup>\*\*</sup>CAP score = age × (CAG repeat length – 33.66)

# **COGNITIVE ASSESSMENT BATTERY (HD-CAB)**

mITT Co-Primary and pre-specified Exploratory analysis, Early Manifest HD





#### Two-item HD Cognitive Assessment: Pre-specified Co-Primary LS Mean Critical One-sided **Favors** Difference Pepinemab p-value value Estimate (95% CI) OTS: -1.98 (-4.00, 0.05) 0.028 No Yes [0.025]PTAP: 1.43 (-0.37, 3.23) 0.060 HD-CAB Composite Index: Pre-specified Exploratory LS Mean

One-sided

p-value

0.007

Difference

Estimate (95% CI)

0.13 (0.03, 0.23)

**Favors** 

**Pepinemab** 

Yes



Critical

value

Yes

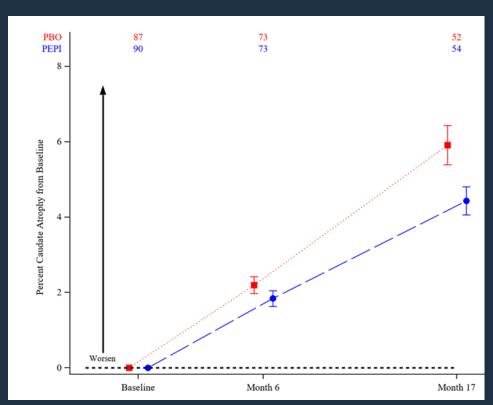
[0.025]

### PEPINEMAB APPEARS TO REDUCE BRAIN ATROPHY

Volumetric MRI– Boundary Shift Integral Analysis (BSI) Pre-specified Exploratory Endpoint, Early Manifest cohort



# **CBSI** (caudate atrophy)

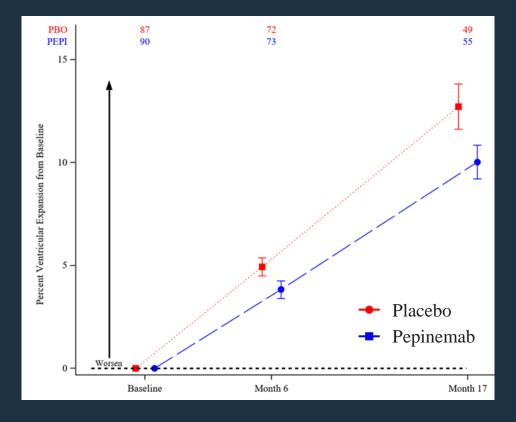


LS Mean Difference Estimate (95% CI):

CBSI: -1.54 (-2.79, -0.29);

p = 0.017

# **VBSI** (ventricular expansion)



VBSI:-2.47 (-5.04, 0.10); p = 0.060

# FDG-PET CORRELATES WITH COGNITIVE FUNCTION

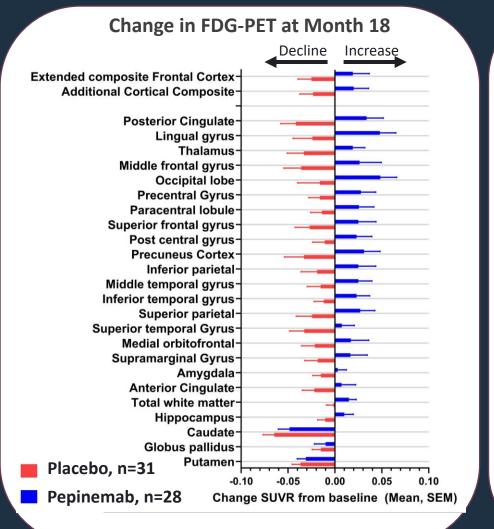
Pre-specified Exploratory Endpoint, Early Manifest cohort

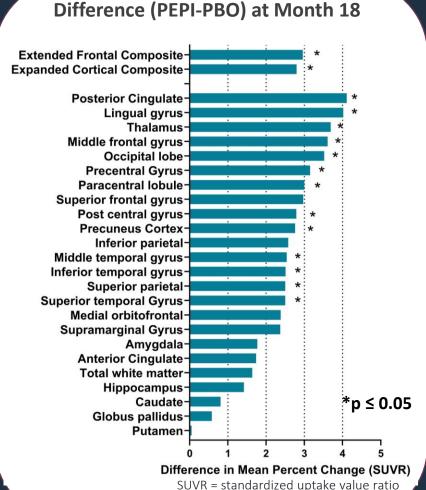


**1** FDG-PET measures brain metabolic activity.

Decline in FDG-PET is reported to correlate with cognitive impairment in neurodegenerative diseases.

reverse loss of metabolic activity.







# SIGNAL Phase 2 Trial Summary, Lessons Learned, Next Steps



Orphan Disease and Fast Track Designations









Proposed Mechanism of Action

**Safety and Tolerability** 

**Clinical Activity** 

**Target Engagement** 

Preclinical data suggests reduced neuroinflammation and restoration of normal glia function

Well tolerated

Intravenous administration

Pre-specified primary efficacy endpoints were not significant.

Evidence suggests potential cognitive benefit, i.e. HD-CAB, Apathy, FDG-PET)
Reduced brain atrophy observed

Greatest benefit from treatment was detected in patients with signs of mildly advanced disease

Confirmed penetration into CNS at expected level

Antigen-antibody complexes detected



# **ALZHEIMER'S DISEASE**



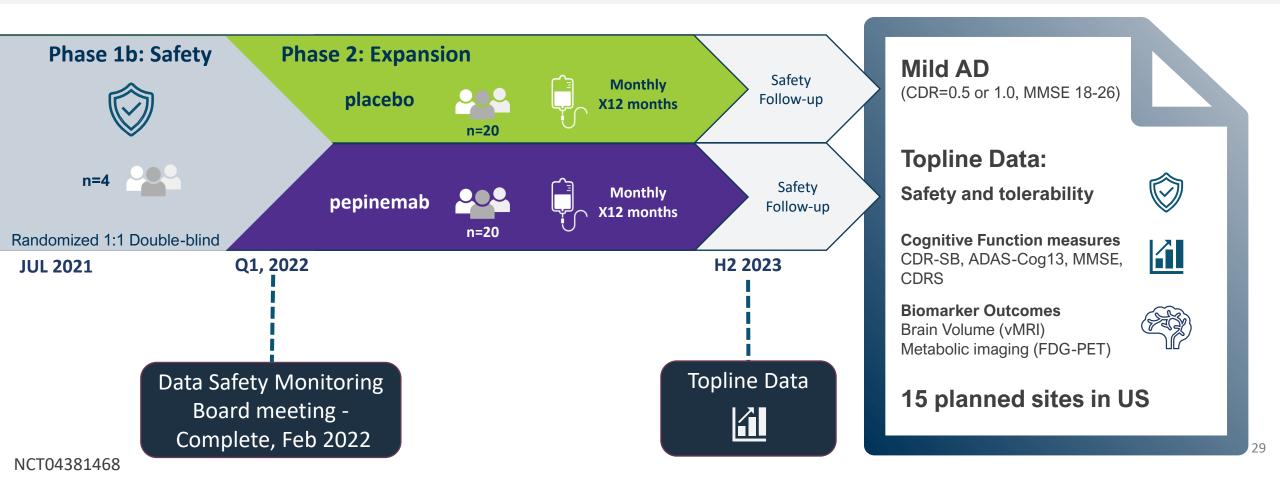
# Phase 1b/2 Trial Design



**Funding by** 









# ActivMab Discovery Solutions



### **Antibody Library**

**Diverse Antibody** Library (10^10)

Screened as

Human IgG in

Mammalian Cells

### **Antigen Virus**

Virions expressing **Complex Membrane** Proteins for **Antibody Discovery** 

**Protein** 

Unique capability for selection of high value antibodies against hard-to-target multi-pass membrane receptors (i.e. GPCRs, ion channels)

Designed as a sustainable engine for value creation through pipeline expansion and strategic collaborations

Active collaborations with two major pharma and multiple biotech partners

### **Target** Identification

Large cDNA library expressed in Mammalian Cells



Mammalian expression of mutant libraries to enhance expression

ACTIVIDAD

Technology





■ Unique Targets ■ Novel Mechanisms ■ New Medicines



# **CONTACT US**

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Ernest Smith, PhD
CSO
esmith@vaccinex.com

### **Vaccinex Leadership Team**

Maurice Zauderer, Ph.D. Founder, President and Chief Executive Officer. Formerly, Professor at University of Rochester and at Columbia University.

Scott E. Royer, CFA, MBA

Chief Financial Officer. Formerly, Chief Financial Officer and Director of Finance of the Medical Films Group of Carestream Health, a medical and dental imaging company and an independent subsidiary of Onex Corporation, a Canadian publicly traded private equity investment firm. Mr. Royer earned an Executive MBA from Villanova University, and is a credentialed Chartered Financial Analyst (CFA)

Ernest S. Smith, Ph.D.

Chief Scientific Officer and Senior Vice President, Research. Dr. Smith received a Ph.D. in Immunology from the University of Rochester. Dr. Smith has held several leadership roles at Vaccinex since 2001 and holds several patents, including ActivMab® technology and Semaphorin 4D/pepinemab.

Chief Operating Officer and Senior Vice President, Discovery and Translational Medicine. Dr. Evans received an M.S. in Immunology and a Ph.D. in Pathology from the University of Rochester. Dr. Evans has held several leadership roles at Vaccinex since 2001 and holds several patents on SEMA4D/pepinemab.

**Senior Vice President, Development**. Formerly Vice President, Program Executive of Biogen Idec, Inc., a publicly traded biotechnology company. Dr. Leonard received a Ph.D. in Biochemistry from the University of California, Riverside



Elizabeth E. Evans, Ph.D.

John E. Leonard, Ph.D.

### **Vaccinex Scientific Advisors - Neurology**

**Eric Siemers, MD** 

President of Siemers Integration LLC. Distinguished medical fellow for Eli Lilly and Company's Alzheimer's Disease Global Development Team, founded and headed the Indiana University Movement Disorder Clinic. Served on the Board of Directors of the American Society of Experimental Neurotherapeutics, as founding member and Chair of the Alzheimer's Association Research Roundtable, and Steering Committee member for the Alzheimer's Disease Neuroimaging Initiative (ADNI).

Karl D. Kieburtz, MD, MPH

President of Clintrex LLC, providing services regarding research and regulatory strategy for therapeutic development of interventions for brain disorders. Chair of the FDA Peripheral and Central Nervous System Drugs Advisory Committee and sits on the American Academy of Neurology (AAN) Clinical Research Subcommittee, the International Executive Committee of the Movement Disorders Society (MDS), the Board of Directors for the American Society for Experimental Neuro Therapeutics(ASENT), and the Council of the American Neurological Association (ANA), chair of the FDA Peripheral and Central Nervous System Drugs Advisory Committee.

Ira Shoulson, MD

Dr. Shoulson is a long time leader in Huntington's disease research. From 2011 to July 2018, Dr Shoulson was Professor of Neurology, Pharmacology and Human Science and Director of the Program for Regulatory Science and Medicine (PRSM) at Georgetown University where he was principal investigator of the FDA-Georgetown University Collaborating Center of Excellence in Regulatory Science and Innovation. From 1990 to 2011, Dr Shoulson was the Louis C. Lasagna Professor of Experimental Therapeutics and Professor of Neurology, Pharmacology and Medicine at the University of Rochester School of Medicine & Dentistry in Rochester, New York. Dr. Shoulson is an elected member of the National Academy of Medicine of the National Academy of Sciences.

Ralf Reilmann, MD

Founding Director and C.E.O. of the George-Huntington-Institute, Dept. of Radiology at the University of Muenster and the Dept. of Neurodegeneration and Hertie Institute for Clinical Brain Research at the University of Tuebingen.



### Vaccinex Scientific Advisors - HNSCC Clinical Advisory Board

# Barbara Burtness, MD

Professor of Medicine (Medical Oncology) at Yale, leader of the Disease Aligned Research Team for the Head and Neck Cancers Program and Co-Leader of the Developmental Therapeutics Research Program at Yale Cancer Center. Chair of ECOG-ACRIN Head and Neck Therapeutics Committee, served on the NCCN and SITC Head and Neck Guidelines Committee, and the NCI Head and Neck Cancer Steering Committee. Co-chair of the NCI Clinical Trials Planning Meeting on TP53-Mutated Head and Neck Cancer and FDA Project 2025 for Head and Neck. Founding Director of the Yale Head and Neck Cancer SPORE and has led numerous clinical trials, including the international phase III trial which led to regulatory approval of immunotherapy in first-line treatment of head and neck cancer.

### Robert Haddad, MD

Chief, Division of Head and Neck Oncology. McGraw Chair, Head and Neck Oncology, Dana-Farber Cancer Institute. Professor, Medicine, Harvard Medical School.

### **Douglas Adkins, MD**

Professor, Department of Medicine, Oncology Division, Medical Oncology, Washington University School of Medicine in St. Louis. NCI Head and Neck Steering Committee and Metastatic and Recurrent Head & Neck Cancer Task Force

### Nabil Saba, MD

Director of the Head and Neck Cancer Medical Oncology Program at Winship Cancer Institute of Emory University, Professor and Vice Chair for Quality and Safety in the Department of Hematology and Medical Oncology and holds a joint appointment as Professor in the Department of Otolaryngology at Emory University School of Medicine. Chair of the National Cancer Institute's task force for recurrent metastatic head and neck cancer and Chair of the Rare Tumors Task Force of the National Cancer Institute's Head and Neck Cancer Steering Committee. Member of the NRG Oncology and Eastern Cooperative Oncology Group (ECOG) Head and Neck Cancer Core Committees, the ASCO clinical guidelines committee, and the ASCO Head and Neck Guideline Advisory Group.



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commodities and investment management firm he founded in 1971. He served as

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LumisysInc., Molecular Dynamics and ReaMetrix.

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**Barbara Yanni** Formerly, Vice President and Chief Licensing Officer at Merck & Co., Inc.

**Maurice Zauderer, Ph.D.** Vaccinex Founder, President and Chief Executive Officer. Formerly, Professor at

University of Rochester and at Columbia University.



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