

CELEBRATING CBC



CHICAGO BIOMEDICAL CONSORTIUM

Celebrating 10 years of success

and

UNVEILING NEW INITIATIVES

2017-2021

December 16, 2016

Venue SIX10
610 South Michigan Avenue
Chicago, Illinois



THE CBC GRATEFULLY ACKNOWLEDGES SUPPORT
FROM THE SEARLE FUNDS
AT THE CHICAGO COMMUNITY TRUST

Searle Legacy: The Foundation of CBC



John G. Searle
1901-1978

Established a fund at The Chicago Community Trust, stating in his will that when making grants from the Searle funds, "...emphasis be placed, so far as feasible, on research in medicine, chemistry, and the biological sciences."



Daniel C. Searle
1926-2007

Challenged faculty members at Northwestern, The University of Chicago, and UIC to think of ways to foster collaboration. In 2002, the idea of CBC was born. In Dan's words, "I honestly believe CBC is going to be one of the greatest legacies of John Searle."

The Searle Funds

at The Chicago Community Trust

Began funding the CBC at the level of \$5 million per year in 2006. To date, \$50 million has been invested in the CBC.

The CBC is honored to announce that the Searle Funds at The Chicago Community Trust have approved a renewed funding commitment to CBC, for \$21 million over 2017-2021.



2:45 PM **INTRODUCTORY REMARKS**

Dan Linzer, NU Provost, *Welcome and Overview of Event*

Katie Stallcup, CBC Executive Director
CBC Phase 1, 2006 through 2016

Rick Morimoto, Professor, Molecular Biosciences, NU,
CBC Scientific Director
CBC Phase 2, launching in January 2017

3:15 PM **PANELS**

Daniel Diermeier, UChicago Provost, *Introductory Remarks*

The Faculty Entrepreneur Experience

Moderator: **Brian Kay**, Professor, Biological Sciences, UIC,
CBC Scientific Director

Milan Mrksich, Professor, Biomedical Engineering, NU

Tony Kossiakoff, Professor, Biochemistry & Molecular Biology,
UChicago

Brenda Russell, Professor Emerita, Physiology & Biophysics, UIC,
former CBC Scientific Director

Industry-Academia Partnerships: An example

Moderator: **Lucy Godley**, Professor, Medicine, Section of
Hematology/Oncology, UChicago, CBC Scientific Director

Kenneth Polonsky, Dean, Biological Sciences Division, UChicago

Everett Vokes, Chair, Medicine, UChicago

Steve Kummerle, Director, Technology Commercialization and
Licensing, Polsky Center, UChicago

Gary Gordon, Vice President, Oncology Development, AbbVie

Steven Davidsen, Vice President of Oncology Discovery, AbbVie

Scott Brun, Vice President of Scientific Affairs and Head of
AbbVie Ventures

4:15 PM **CLOSING REMARKS**

Susan Poser, UIC Provost

4:30 PM **RECEPTION**

6:00 PM **ADJOURN**



MEASURES OF IMPACT 2006-2016

As of December 2016, the CBC has:

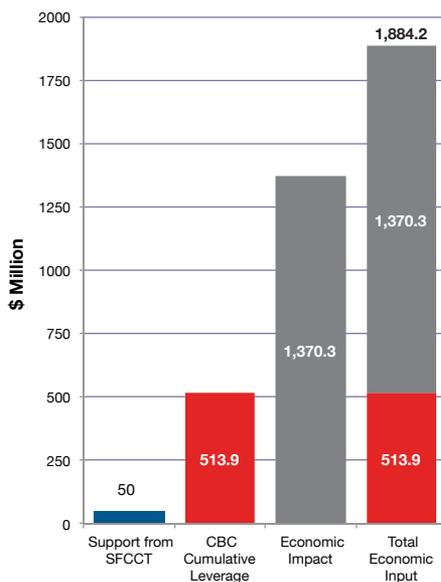
- Made **235 Awards** including **80 Catalysts**, **7 Sparks**, **6 Levers**, **35 HTS** and **107 Postdoctoral Awards**, that have generated discoveries in a wide range of areas,
- Helped to recruit **eight outstanding faculty members**,
- Organized and sponsored **14 annual symposia** and over 30 other events,
- Provided funding for **cutting-edge scientific instruments** that are available to CBC researchers via the pathbreaking, CBC-facilitated **“Open Access Initiative.”**

Research supported by the CBC has led to:

- Over **1600 peer-reviewed publications**,
- Formation of at least **one local biotech company**,
- Leverage of nearly **\$514 million** of additional funding from external sources, primarily the NIH (see below).

ECONOMIC IMPACT ON CHICAGO

As of July 2016, the \$50 million awarded to the CBC from the Searle Funds at The Chicago Community Trust (SFCCT; blue bar) has been leveraged by almost **\$514 million** (red bar). In Illinois, **each biomedical research dollar is estimated to increase business activity by \$2.43**. Using this multiplier, the Economic Impact of the combined SFCCT and NIH research funding is **\$1.37 billion** (grey bar). Thus, CBC activities (Cumulative leverage + Economic Impact) have provided a total economic input of over **\$1.88 billion** to the Chicago economy since 2006 (red/grey bar).





MISSION 2006-2016

The mission of the Chicago Biomedical Consortium (CBC) is to stimulate collaboration among scientists at Northwestern University, The University of Chicago, and the University of Illinois at Chicago that will transform research at the frontiers of biomedicine. The CBC will:

- Stimulate research and education that bridge institutional boundaries,
- Enable collaborative and interdisciplinary research that is beyond the range of a single institution,
- Recruit and retain a strong cadre of biomedical leaders and researchers in Chicago,
- Promote the development of the biomedical industry in Chicago,
- Execute a plan capable of improving the health of citizens of Chicago and beyond.

REVISED MISSION 2017-2021

The mission of the Chicago Biomedical Consortium (CBC) is to stimulate collaboration among scientists at Northwestern University, The University of Chicago, the University of Illinois at Chicago **and others to accelerate discovery that will transform biomedical research and improve the health of humankind.** The CBC will:

- Stimulate research and education that bridge institutional boundaries,
- Enable collaborative and interdisciplinary research that is beyond the range of a single institution,
- **Mentor and develop a strong cadre of biomedical leaders, researchers, and entrepreneurs in Chicago,**
- **Enhance and promote the development of the biomedical ecosystem in Chicago,**
- **Facilitate development of therapeutics that will, over the long term, improve the health of citizens of Chicago and beyond.**



CBC Initiatives for Phase 2, 2017-2021

To align CBC's strengths with the Searle Consultants' strategy to "promote a new infrastructure for success for the Chicago biomedical industry," the CBC will introduce new initiatives in Phase 2.

CBC ACCELERATOR NETWORK (CBCAN)

The **CBC Accelerator Network (CBCAN)** will be established. It will serve as a **NEW FORUM** to regularly bring together academic and industry scientists to present and discuss ideas for commercialization. **CBCAN** aims to convene entrepreneurially-minded **faculty, postdoctoral fellows** and **graduate students**, along with **industry experts** and **Technology Transfer Officers**, building a community, encouraging interactions, and educating academic researchers about market realities.

CBC ACCELERATOR AWARDS

The CBC will launch a **NEW PROGRAM**, the **CBC Accelerator Awards**, to support translational research and provide university researchers with "**early commercial guidance.**" Accelerator Awards will be used to support the initial, and therefore highest risk, stage of commercially-directed research. **Domain Experts from industry** will participate in the selection of projects and may provide advice to award recipients in setting and progressing toward commercialization milestones. The program will consist of two parts (A and B):

- **Part A:** Translational research projects will be evaluated by a team of reviewers that will include industry scientists. The application process will include an oral presentation at a CBCAN meeting. Full proposals must discuss commercial potential, including milestones and deliverables. Accelerator Part A awards will be for **\$100,000 for one year.**
- **Part B:** Only projects that have met proposed milestones by the end of Part A awards will be invited to apply for **\$150,000 for one additional year.**
- **Applicants must be tenured or tenure-track faculty with research programs at the CBC universities.**
- **Projects involving multi-institutional collaborative teams will be given strong preference,** although collaboration will not be required. **Collaborations could involve faculty scientists at any Chicago-area university,** but all institutions receiving CBC funding must agree to waive indirect cost recovery.



CBC ENTREPRENEURIAL POSTDOCTORAL FELLOWSHIP (EP)

The **CBC Entrepreneurial Postdoctoral Fellowship (EP) program** will be a **NEW PROGRAM**, to identify and support a cohort of young researchers who are keen to work in the biotech start-up space of Chicago.

- Applications must be **jointly** submitted by a CBC university faculty member and a postdoctoral fellow candidate.
- Projects must be related to **biomedicine**, preferably pertaining to development of therapeutics or diagnostics.
- Projects must have clear translational milestones.
- The faculty mentor must agree that the fellow will have significant time available for **professional development** activities.
- Applications will be evaluated by the EP Review Board, composed of Tech Transfer Officers, industry experts, and faculty members who will consider both **potential commercial value** and **scientific merit**.
- Fellowship awards will be for **12 months**. If proposed milestones have been met and reasonable next steps can be proposed, Fellows may apply for a **second year of funding**.
- EP Awards will be for **\$90,000** per year, to cover a salary of \$65,000 and benefits.

CBC CATALYST AWARD

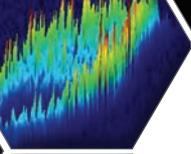
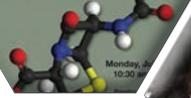
The successful **CBC Catalyst Award program will be continued**, supporting the essential inputs into the commercialization pipeline by funding innovative collaborative research.

- Awards will provide up to **\$250,000** for **up to two years, for basic biomedical research**. Research with translational potential will receive special consideration.
- **Applicants must be tenured or tenure-track faculty with research programs at the CBC universities who will initiate a new collaboration.**
- Research proposals must have Co-Principal Investigators from **at least two of the three CBC universities**.

EDUCATION AND OUTREACH

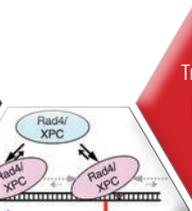
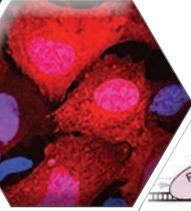
The CBC will continue to convene the local biomedical research community at the **annual CBC Symposium**, and provide the **CBC website** as an essential informational tool for the growing community.

tech Day
SMALL MOLECULE DISCOVERY
ACADEMIA



Transformative
Biomedical
Research

Industry -
Academia
Partnerships



CBCAN
Collaboration
Biotech



Entrepreneurial
Postdoctoral
Fellowships



Education
Outreach
Annual
Symposia

Catalyst
Award
Accelerator
Award

