

Yuri Nikolsky, Ph.D., M.B.A.

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entrepreneur / business development/R&D / executive / venture capital / startups /computational biology / genomics / systems biology / drug discovery / precision medicine / digital health / biohacking

Over twenty years of experience as an executive in charge of research, product development, business development, sales in life science companies and innovation fund. Expertise in pre-clinical small molecules drug discovery, systems biology, genomics, molecular genetics, computational biology, translational medicine, agrotechnology. As a scientist, **h-index 53**; authored two books; published over 100 scientific and business articles; 5 patents; was awarded with 9 US government grants (NIH, NSF, DOD) as principal investigator

EXPERIENCE

University of Sharjah, Sharjah, United Arab Emirates **2025-current**
College of Medicine
Associate Professor

Autonomous Reanimation and Evacuation Research Institute (AREVA) **2024 - current**
Geneva Foundation, San Antonio, TX
Visiting Professor

Santa Maria Holistic Health & Longevity Center, Rosarito, B.C., Mexico **2021- current**
Co-founder; Head of Science

- A live-in holistic center focused on treatment of chronic diseases, longevity & biohacking
- Built from scratch on a cliff over Pacific Ocean.
- Over 2,000 patients treated
- Developed innovative longevity programs shaving off 6.3 years of biological age on average

MiLaboratories LLC, San Diego, CA **2018 - 2021**
Chief Executive Officer

- A leading immunosequencing company
- Led the company to 50% annual revenue growth
- Company was acquired in 2021

Zyfra, San Diego, CA **2017 – 2018**
Chief Scientific Officer

- A private equity investment/development company focused on digital economy and AI
- Investments in digital health, precision medicine, molecular diagnostics
- Lead scientific due diligence, strategy in healthcare and biomedicine

George Mason University, Fairfax, VA **2014 – current**
Adjunct Professor, Systems Biology

Skolkovo Foundation, Moscow, Russia **2014 – 2016**
Chief Scientific Officer, Life Sciences

- Scientific leadership overseeing >400 startup projects at the Biomedical cluster

- Developed a novel direction in computational biology and human genetics
- Originated the first innovation program in agrotechnology in Russia
- Led due diligence projects for multiple VC and private wealth funds

Thomson Reuters, IP & Science, Carlsbad, CA

2010 - 2014

Vice President, Research and Development

- A global informatics company
- Responsible for new technology and business development in areas of personalized medicine, knowledge management
- Created and led a highly successful scientific consulting group with projects in computational biology, translational medicine, bioinformatics
 - The fastest growing and best performing business unit in a company of >60,000 employees.
 - Annual sales grew over ten fold in 3 years;
 - Primary customers were global pharmaceutical companies
 - Pre-clinical and clinical data analysis: Patient stratification in clinical trials, drug repurposing, target selection, translational medicine
- A member of the Executive Committee responsible for M&A due diligence

GeneGo, Inc., Encinitas, CA

2004 - 2010

Co-founder, Chief Executive Officer

- A pioneer in systems biology & personalized medicine
- On my watch, the company grew from a 5 people start-up to a profitable leader in systems biology market of 130 employees
- PI on 8 SBIR grants; published >50 scientific papers
- Company was acquired by Thomson Reuters in 2010

ChemDiv, Inc., San Diego, CA

2002 – 2004

Chief Executive Officer

- A diversified CRO and drug discovery company
- Helped to initiate a transformation of a chemistry CRO into a discovery-oriented pharmaceutical company
- Responsible for R&D and marketing
- Awarded the first research grant in company's history

Integrated Genomics, Inc., Chicago, IL

1998 - 2002

Co-founder, Chief Business Officer

- Comparative genomics & sequencing company
- Responsible for the business side of the venture
- Identified the opportunity, negotiated and closed a \$15MM VC investment round with post-money valuation of \$120MM
- Initiated, negotiated and closed all the company's service and licensing agreements with Fortune 500 companies. Total revenue in excess of \$20MM with the largest contract of \$5MM
- Supervised government grants applications and patenting
- Supervised drafting the IPO fact book

Thermogen, Inc., Chicago, IL

1997-1998

Senior scientist, Project Manager

- A metabolic engineering company
- Originated and lead the project on discovery of new thermostable proteases. Discovered more than 25 new enzymes

- Constructed a collection of gene libraries from different organisms, the source of new enzymes discovery and the main asset of the company

University of Chicago, Chicago, IL
Dept. of Radiation & Cellular Oncology
Research Associate (Instructor)

1993-1997

- Designed and conducted key experiments in a molecular genetic project on cell cycle control of meiotic recombination. Publication in Nature
- Analyzed data and formulated a model that changed the mode of thinking on pathways of meiotic DNA repair.

EDUCATION

University of California San Diego, San Diego, CA **2025**
Certified degree in Integrative Nutrition

American Board of Regenerative Medicine, Boulder, CO **2025**
DABRD Degree

International Society for Stem Cell Application, Miami, FL **2023**
Certificate degree

University of California San Diego, San Diego, CA **2003**
Certified degree in Medicinal Chemistry

The University of Chicago, Booth School of Business, Chicago, IL **1999**
M.B.A., Concentrations in Finance and Entrepreneurship

Graduate School VNIIGenetika, Moscow, Russia **1992**
Ph.D., Molecular Biology

Lomonosov Moscow State University, Moscow, Russia **1988**
 The highest ranked university in Russia
M.S., Genetics