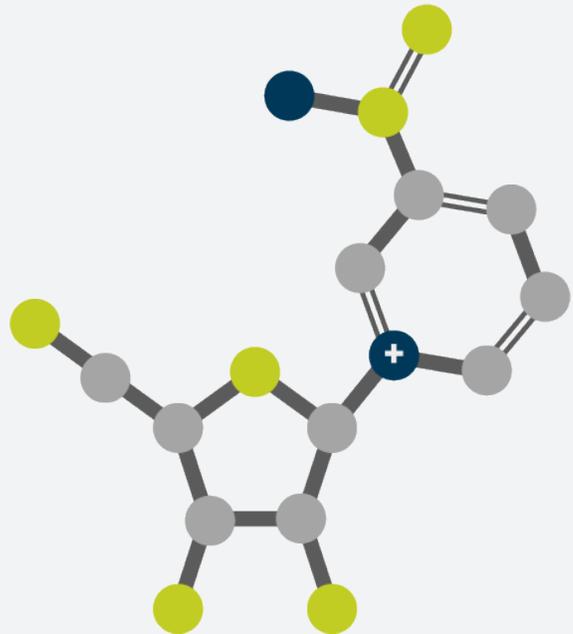


Your Partner in Scientific Discovery

For nearly a decade, ChromaDex has invested in cellular health research by supplying high quality and patented research materials, providing technical expertise, and commercializing the inventions of independent scientists around the world.

ChromaDex is the main owner and licensee of intellectual property for nicotinamide riboside (NR). In collaboration with our strategic partners, we manufacture NR as both an ingredient (NIAGEN®) and a finished dietary supplement product (TRU NIAGEN®) to the highest quality and standards.

As a result, we have received regulatory acceptance* in the United States, Canada, Australia, and Europe.



The ChromaDex External Research Program (CERP)

Since its founding in 2013, the ChromaDex External Research Program (CERP) has supplied NIAGEN[®], isotopically labeled NAD precursors and other ChromaDex material for preclinical and clinical research. Our team of scientists can share their analytical and regulatory expertise to support your successful design and execution of high-impact studies using these molecules. Applications are accepted on a rolling basis.

Please go to www.chromadex.com/cerp for more information.

220⁺

Research Collaborations

NIAGEN[®] has been independently researched by teams at Cambridge University, Northwestern University, Duke University, New York University, University of California, and many more around the world.

55⁺

Published Preclinical Studies

Many peer-reviewed published studies have investigated the effects of NIAGEN[®] on cells, mice, and other model organisms to help scientists understand the cellular and physiological effects of replenishing NAD⁺.

11⁺

Published Clinical Studies

The safety and efficacy of NIAGEN[®] has been studied in multiple peer-reviewed clinical studies, with more than 30 additional studies currently registered at:

www.clinicaltrials.gov.

CERP Research Published in High-Impact Journals

Cell

Fang, et al. (2014) Defective Mitophagy in XPA via PARP-1 Hyperactivation and NAD⁺/SIRT1 Reduction

Cell Metabolism

Shats et al. (2020) Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway

J of Clinical Investigation

Zhou et al. (2020) Boosting NAD Level Suppresses Inflammatory Activation of PBMC in Heart Failure

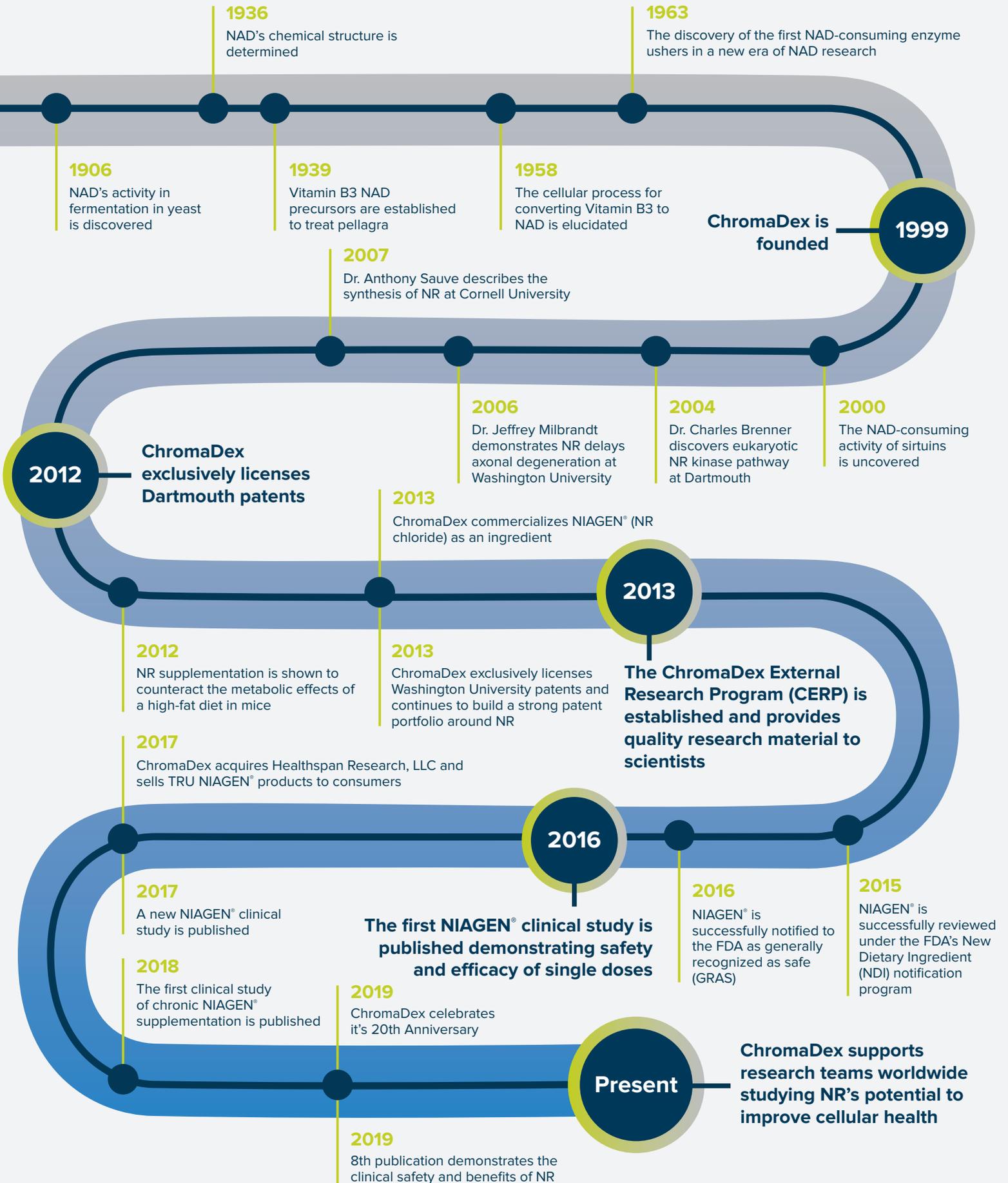
Setting the Industry Standard for Excellence in Collaborative Research

ChromaDex, Inc.

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Invested in Innovation



Talk to us about how we can support your inventorship and patent protection domestically and globally.

When you patent your work, your institution can license it to other organizations who can then commercialize it and put it to use in the marketplace. This generates licensing and royalty fees for you as the inventor.

ChromaDex vigorously supports and defends inventorship and the academic institutions where the work is performed. Over the past several years, ChromaDex has invested millions in licensing fees and millions more prosecuting defense of this important intellectual property.

NR & NAD⁺	9,975,915	1957086	India
<u>Precursors**</u>	10,000,519	3027635	300117
USA	10,000,520	Australia	Japan
7,776,326	10,183,036	2006238858	6208352
8,106,184	10,280,190	2014298629	6509844
8,114,626	10,688,118	2014342185	Mexico
8,197,807	10,689,411	China	349969
8,383,086	Canada	1964627	South Africa
8,889,126	2609633	101360421	201603314
9,000,147	European Union	105636973	201706918
9,295,688	1755391	Hong Kong	201807736
9,321,797	3006040	1218918	

*Public Regulatory Acceptance for NIAGEN[®] and TRU NIAGEN[®] can be found at:

<http://pages.truniagen.com/regulatory>

**Patents for other ChromaDex ingredients can be provided upon request.



Nutritional Outlook's
2019 Best of the Industry:
Ingredient Supplier

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