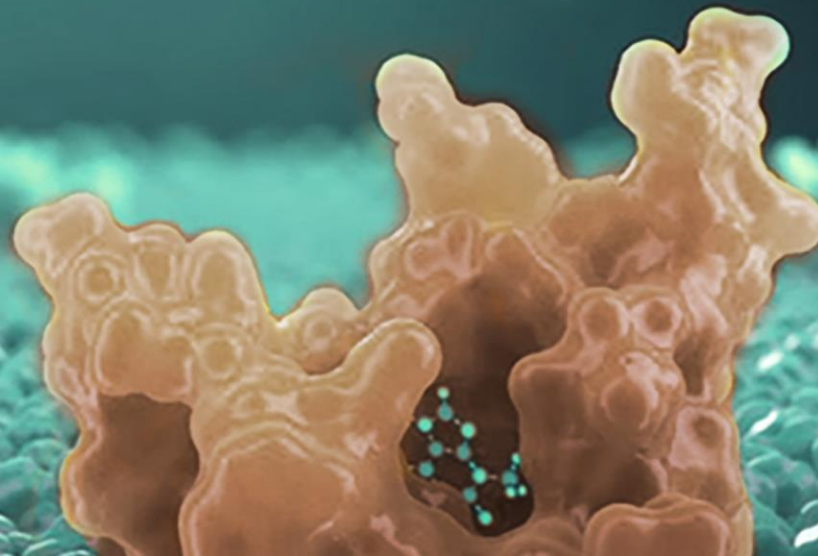
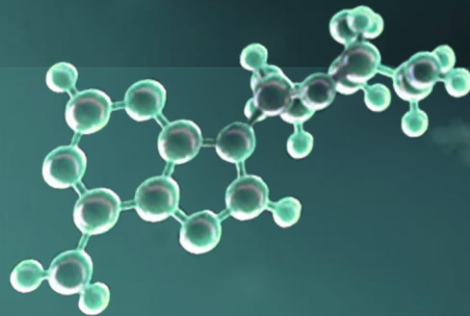




Corporate Presentation

August 2019



Safe harbor statement

This presentation contains forward-looking statements. All statements other than statements of historical facts contained in this presentation, including statements regarding our future results of operations and financial position, business strategy, prospective products, product approvals, research and development costs, timing and likelihood of success, plans and objectives of management for future operations, and future results of current and anticipated products, are forward-looking statements. In some cases, you can identify forward-looking statements by terms such as “may,” “believe,” “anticipate,” “could,” “should,” “estimate,” “expect,” “intend,” “plan,” “project,” “will,” “forecast” and similar terms. These statements involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These known risks and uncertainties are described in detail in our filings made with the Securities and Exchange Commission from time to time. Because forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified and some of which are beyond our control, you should not rely on these forward-looking statements as predictions of future events. The events and circumstances reflected in our forward-looking statements may not be achieved or occur and actual results could differ materially from those projected in the forward-looking statements. All forward-looking statements are qualified in their entirety by this cautionary statement, which is made under the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and, except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances or otherwise.

This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and growth and other data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. In addition, projections, assumptions, and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk.

OUR VISION

To build the leading endocrine company that consistently pioneers new therapeutics to help patients better control their disease and improve their daily lives



Our Strategy: Discover, develop and commercialize across multiple rare endocrine diseases and endocrine-related tumors

- Ongoing in-house discovery of novel drug-candidates
- Focus on endocrine diseases and related tumors with:
 - High unmet medical need
 - Established biology
 - Biomarker endpoints
 - POC in Phase 1
 - Small registration trials
- Rapidly advance clinical pipeline of multiple drug candidates in parallel
- Retain commercialization rights in core therapeutic areas and regions
- Nurture an entrepreneurial, scientifically rigorous, collaborative and inclusive company culture

The endocrine therapeutic area

Endocrine system:

Pituitary gland

Enteroendocrine cells

Hypothalamus

Pineal gland

Parathyroid glands

Thyroid gland

Thymus

Adrenal glands

Kidneys

Pancreas

Liver

Placenta

Ovaries (in female)

Testes (in male)

Multiple indications:

Acromegaly

Neuroendocrine tumors

Non-funct. pituitary adenomas

GH deficiency

Grave's disease

Hyperparathyroidism

Cushing's disease

Adrenal hyperplasia

Adrenal cancer

Hyperinsulinemia

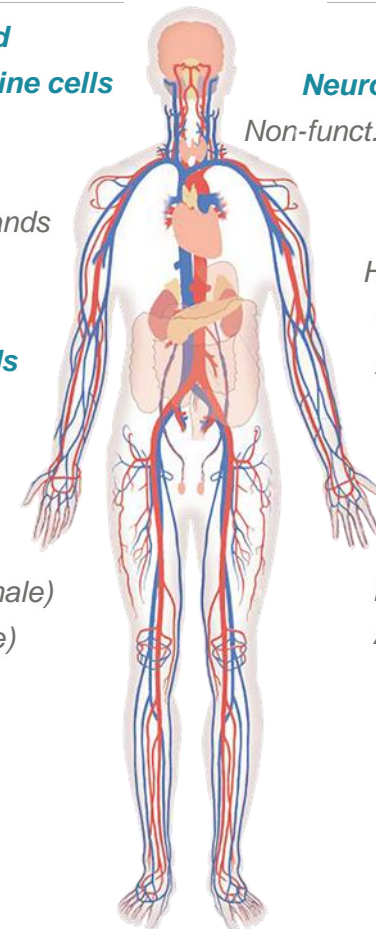
Insulinoma

Thyroid cancer

Hypoparathyroidism

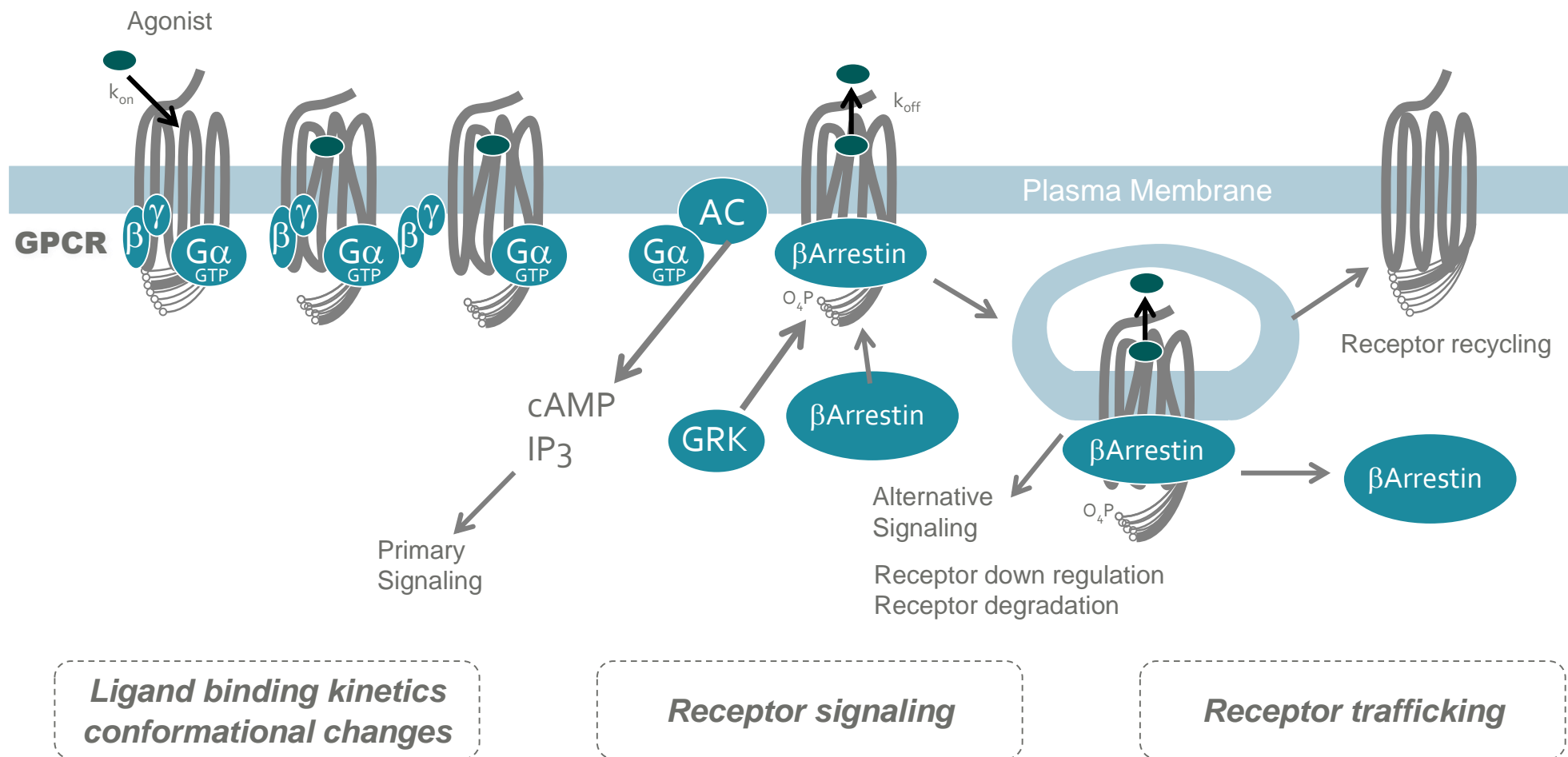
Androgen deficiency

Infertility



Targeting today / Future opportunity





Our approach: Tailor ligands to regulate dynamic GPCR behaviors and ultimately improve patient outcomes



Our understanding of the complex GPCR signaling pathways enables us to develop oral, small molecule, product candidates that modulate GPCR dynamic behaviors

Pipeline:

Building a rare disease franchise in endocrinology and endocrine oncology

PROGRAM	DISCOVERY	PRECLIN	PHASE 1	PHASE 2	PHASE 3
CRN00808 (Oral sst2 Agonist) Acromegaly					
CRN01941 (Oral sst2 Agonist) Neuroendocrine Tumors (NETs)					
Oral sst5 Agonist Hyperinsulinemia					
Oral ACTH Antagonist Cushing's Disease					

*All product candidates discovered and developed internally
Global rights retained and no licensing obligations
Composition of matter for CRN00808 through 2037*



CRN00808

for the treatment of acromegaly

Established commercial opportunity for injectable somatostatin peptides despite significant limitations

2018: ~\$2.6 billion in global sales¹

Somatuline®
(lanreotide)
\$968M

 **IPSEN**
Innovation for patient care
(Ipsen #1 drug)

Signifor®
(pasireotide)
\$72M

 **RECORDATI**

Sandostatin®
(octreotide)
\$1.6B

 **NOVARTIS**
(Novartis #5 drug)

Limitations of current somatostatin peptide analogs



Painful intramuscular/deep sc injections every month (octreotide, lanreotide)

- Hardness, bruising and swelling at injection site



Inconvenient / frequent physician office visits

- Complex reconstitution of depot dosing regimens and prone to error (octreotide)



Limited efficacy – **only half of patients are fully controlled** (reduce excess GH secretion and normalize IGF-1 levels) throughout the treatment period



A majority of **patients experience increased glucose levels** within the first 2-3 weeks of treatment with pasireotide

CRN00808 pioneers a new class of oral selective non-peptide sst2 biased agonists

Acromegaly: disease overview and treatment paradigm

~25,000 people in the U.S. suffer from acromegaly

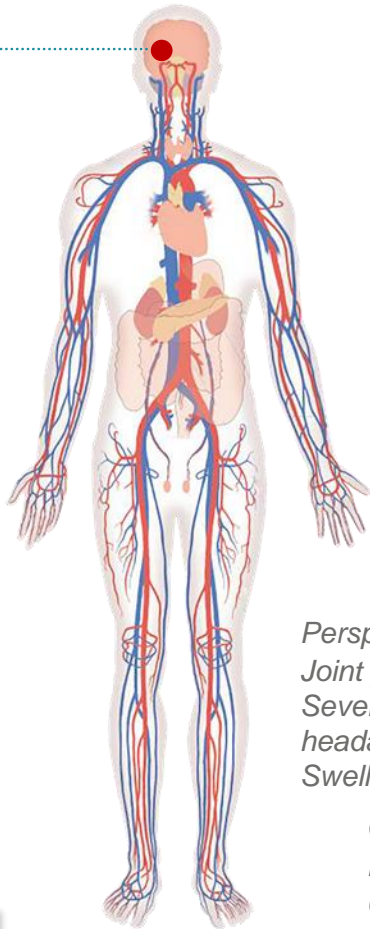
► **Acromegaly** is caused by a benign pituitary tumor



Increased GH results in **excess downstream secretion of IGF-1** from the liver



GH and IGF-1 promote tissue growth and other metabolic effects



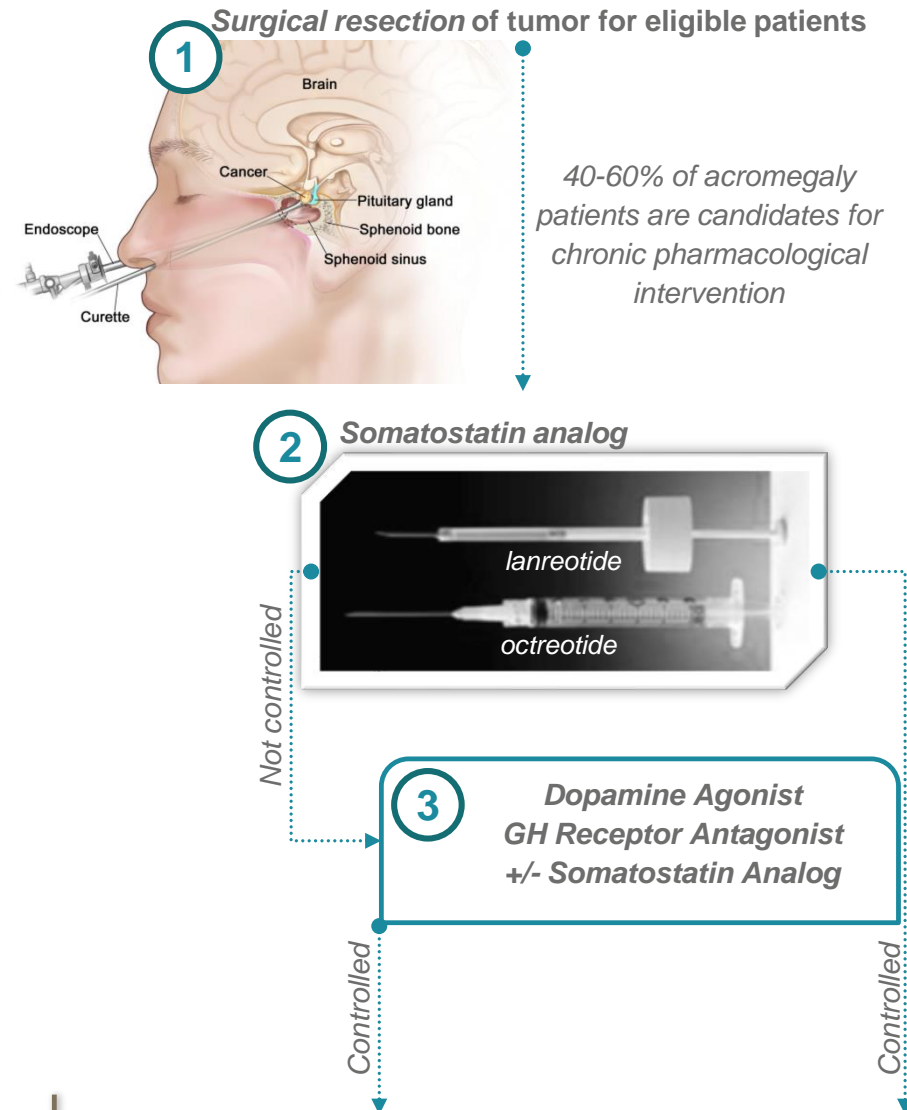
Perspiration,
Joint pain,
Severe headache,
Swelling

Hypertension,
Hepatomegaly,
Impaired glucose,
Thyroid hypertrophy

Changed facial features,
Prognathism, Enlarged hands,
Carpal tunnel, Arthritis

Uncontrolled acromegaly is debilitating and increases the risk of early death

Current treatment options for patients



Estimated 10-15K acromegaly patients in the U.S. on life long therapy

CRN00808 – Target product candidate profile

- A new class of oral selective nonpeptide sst2 biased agonist designed for the treatment of acromegaly
- First agent in its class with reported clinical results

PRODUCT CANDIDATE TAILORED TO DELIVER KEY BENEFITS

CHARACTERISTICS

PRIMARY BENEFITS

**Orally bioavailable nonpeptide
(small molecule)**



Lack of injections/pain
Administration at home
Rapid dose optimization
Consistent exposure over time
Lower COGS and admin costs

Long half life (42-50 hrs)



Once daily dosing

Reduced desensitization



Potential improved responder rates

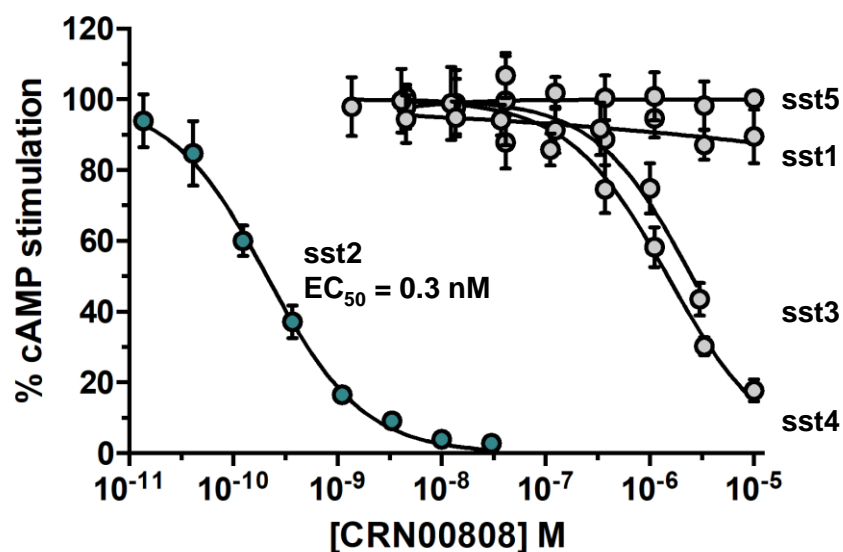
Selectivity for sst2



Glucose control (avoid sst5 mediated hyperglycemia)

CRN00808 is a potent and selective nonpeptide sst2 agonist

In vitro selectivity profile at all five somatostatin receptor subtypes for CRN00808



Potency was measured by inhibition of cAMP in cells stably expressing the indicated human receptor

In vitro selectivity profile at all five somatostatin receptor subtypes for CRN00808 and SSA peptides

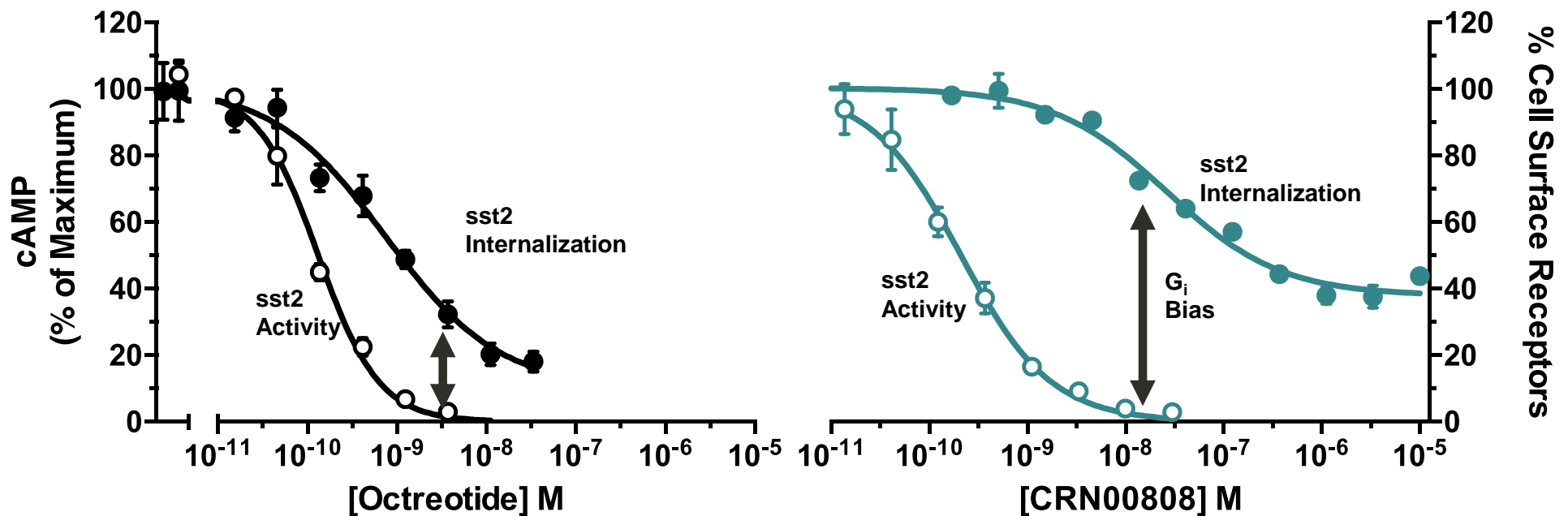
Human EC₅₀ (nM)

AGONIST	sst2	sst1	sst3	sst4	sst5
CRN00808	0.25	>10000	3300	1100	>10000
lanreotide	0.10	1900	200	820	19
octreotide	0.061	> 10000	7.9	470	2.1
pasireotide	0.59	23	0.78	6300	0.076
native SS ₁₄	0.14	0.83	0.17	0.21	0.065

CRN00808's potency for sst2 is 4,000 times greater than for other subtypes

CRN00808 is designed with G_i bias to reduce internalization and desensitization of sst2

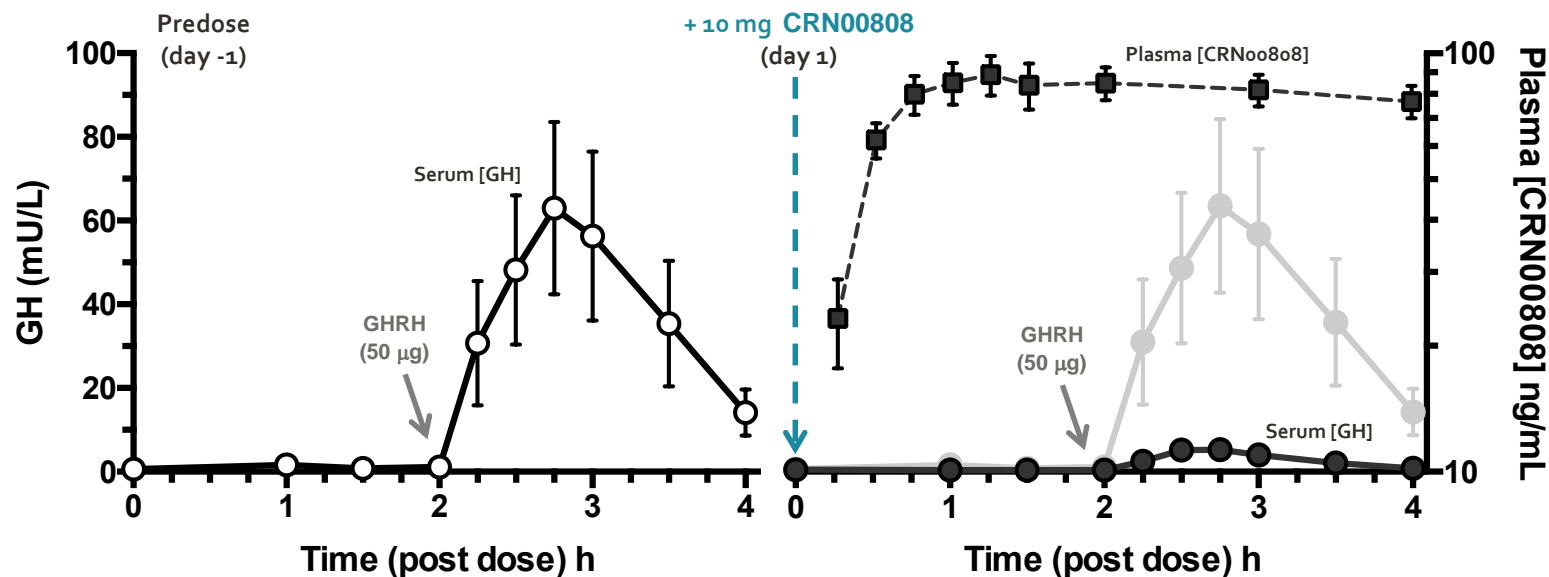
In vitro studies have shown CRN00808 was 75 times more potent for cAMP inhibition than receptor internalization



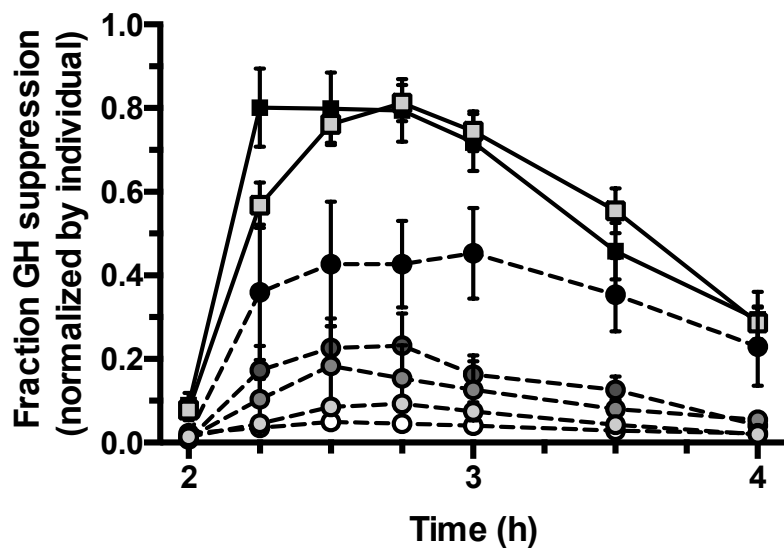
Dose response curves are shown from individual representative experiments. All points are the mean \pm standard error of either triplicate or quadruplicate readings. White circles are from a cAMP assay measuring sst2 activation. Filled circles are from an internalization assay measuring the amount of cell surface receptors.

Phase 1 SAD arm: PK/PD analysis

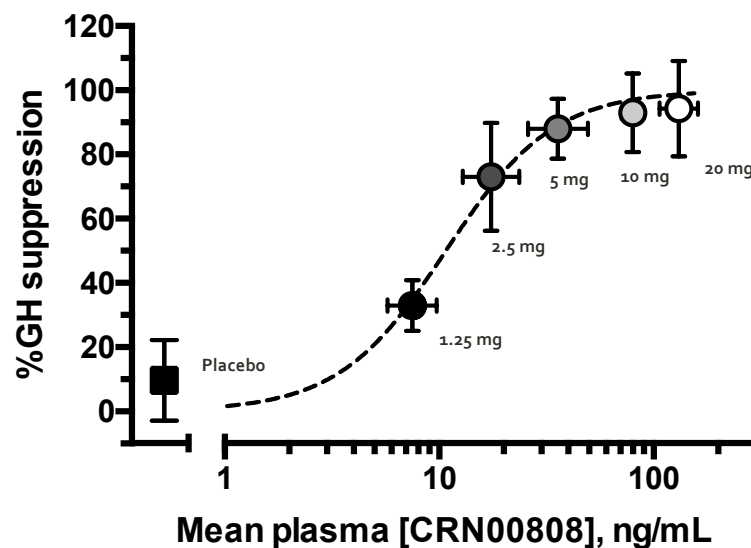
Suppression of GHRH stimulated GH secretion by 10 mg of CRN00808



Dose response of GH suppression

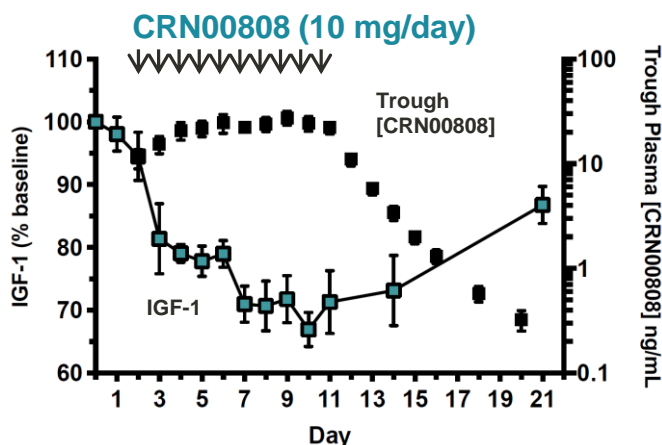


Exposure response of GH suppression

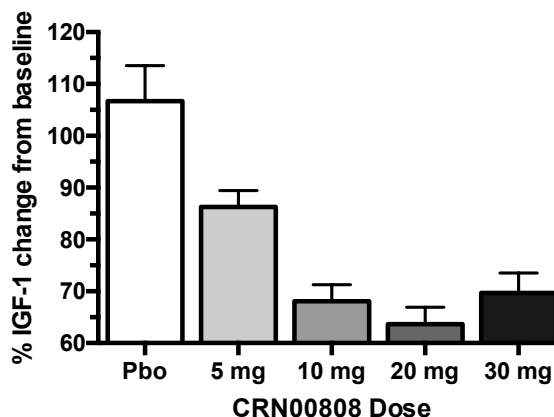


Phase 1 MAD arm: PK/PD analysis

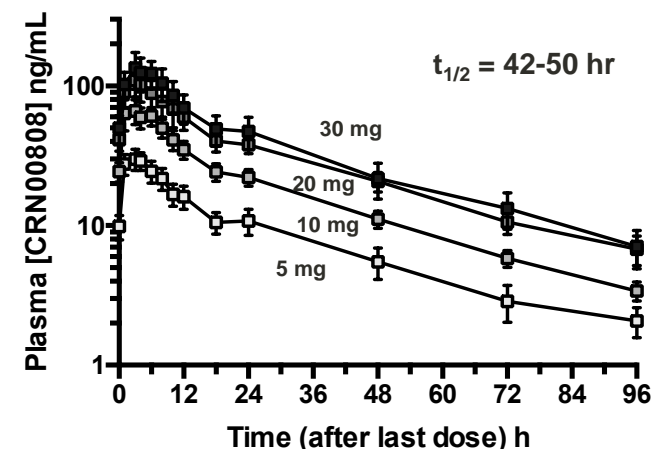
Time-course of plasma CRN00808 trough and IGF-1 concentrations



Dose response of IGF-1 suppression



Plasma concentration on the last day of dosing



Safety & tolerability across phase 1

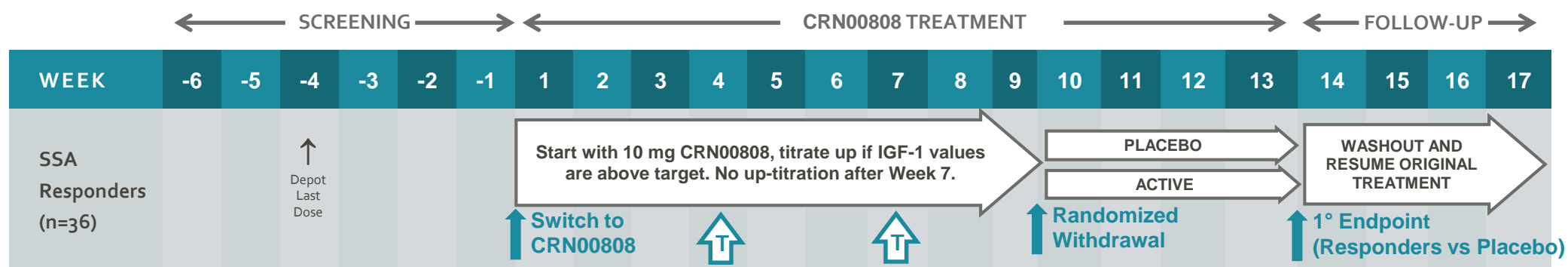
- Tolerability and AE profile was generally consistent with approved peptide somatostatin analogs (abdominal pain, flatulence, abdominal distension, and diarrhea in approximately 30% of subjects and mild elevations of pancreatic enzymes in approximately 10% of subjects)
- Additional adverse events included: headache, dizziness and cardiac rhythm abnormalities (including NSVT). One serious adverse event of moderate NSVT was observed following a single 1.25 mg dose and was considered unlikely to be related to CRN00808. These AEs were not dose dependent and were also observed in placebo subjects and/or prior to dosing.

10 mg selected as the initial dose in Phase 2 trials

Acromegaly Phase 2 Trial for SSA Monotherapy Responders



Evaluation of CRN00808 vs placebo in patients controlled on injected SSA monotherapy



Entry Criteria: IGF \leq ULN on SSA depot monotherapy (octreotide LAR or lanreotide)

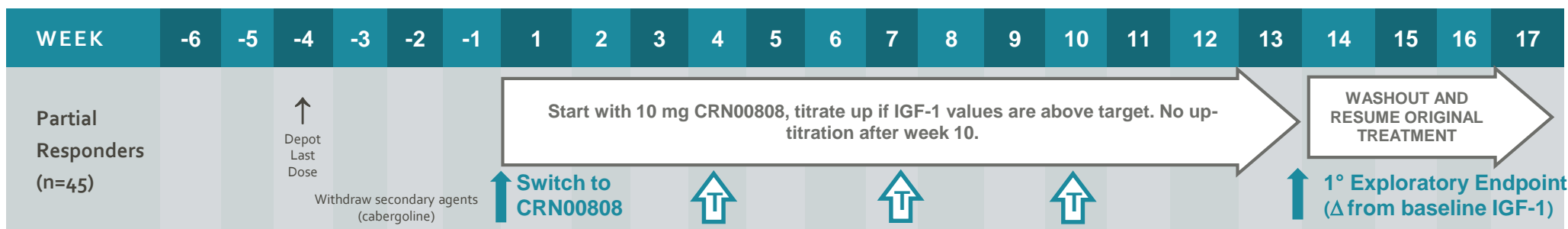
Titrate up if two consecutive IGF-1 values are above ULN.

Acromegaly Phase 2 Trial for Partial Responders to SSAs



Exploration of CRN00808 in patients inadequately controlled on injected SSA monotherapy

← SCREENING → ← CRN00808 TREATMENT → ← FOLLOW-UP →

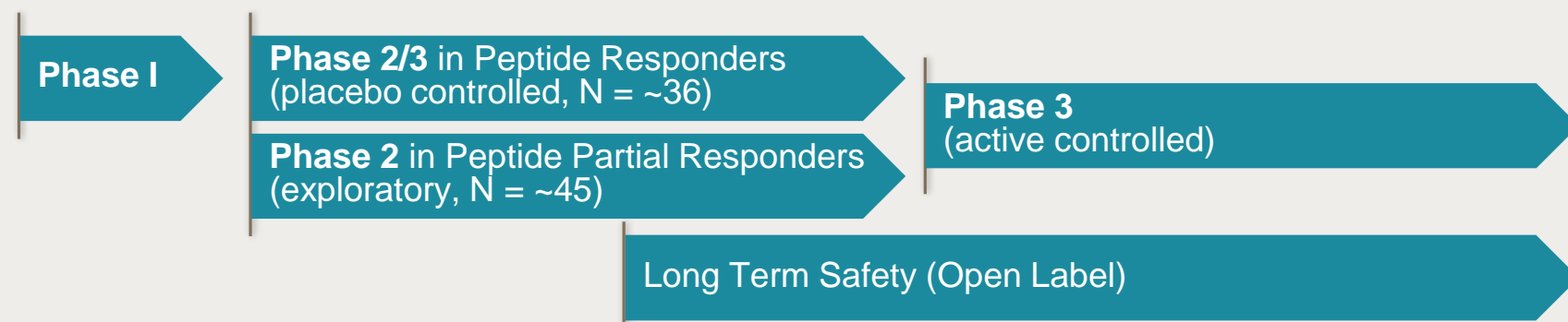


Entry Criteria: Partial responders on SSA monotherapy or when combined with dopamine agonist. Complete and partial responders on second line and combination therapies




↑ Titrate up if two consecutive IGF-1 values are above ULN.

CRN00808: Established clinical development strategy based on other approved products

Planned clinical development path outline



Summary of acromegaly registration trials for other products

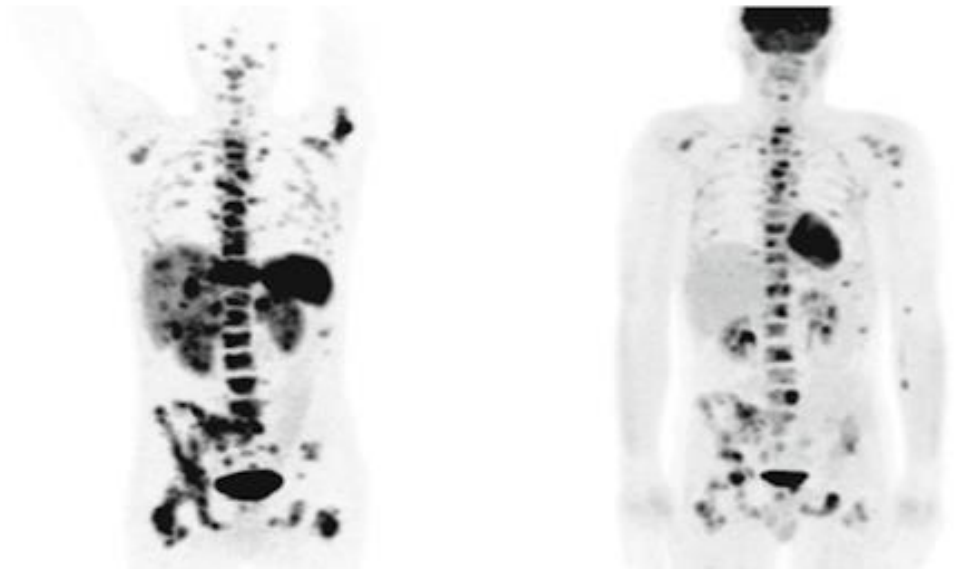
DRUG (TRIAL)	COMPARATOR	N	PRIMARY ENDPOINT
 Somatuline[®] Depot (lanreotide) Injection	placebo	107	50% GH ↓ @ 4 weeks
	none	63	IGF normalization @ week 48
Oral octreotide	baseline	155	IGF normalization @ month 7
	placebo	56	IGF normalization @ month 9
	octreotide/lanreotide	150	TWA IGF-1 over 9 months
 Signifor[®] (pasireotide) Injection <small>0.3 mg/mL, 0.6 mg/mL, 0.9 mg/mL</small>	octreotide/lanreotide	198	GH + IGF normalization @ week 12
	octreotide	358	GH + IGF normalization @ month 12
 SOMAVERT[®] <small>pegvisomant</small>	placebo	112	IGF reduction / normalization @ week 12

CRN01941

for the treatment of neuroendocrine tumors (NETs)

NETs Background

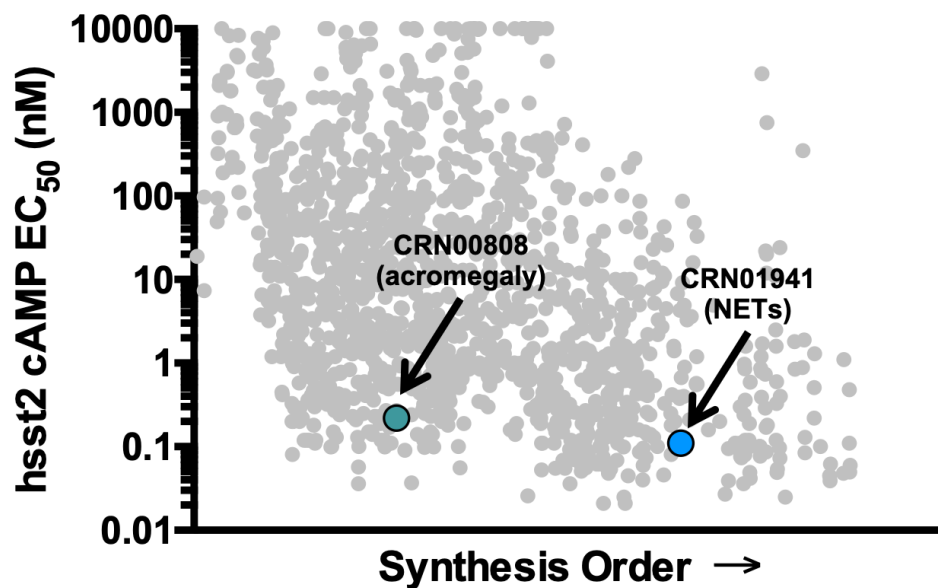
- Prevalence: ~171,000 patients (U.S.)
- Arise from enteroendocrine cells in the GI tract, lung, pancreas
 - Commonly overexpress sst2 receptors
- Somatostatin analogs (SSAs) are a standard of care
 - Historically indicated only for carcinoid syndrome (~10% of NETs patients)
 - Recently, positive impact on progression free survival demonstrated
 - Guidelines now outline SSAs as first line for a large segment of NETs patients



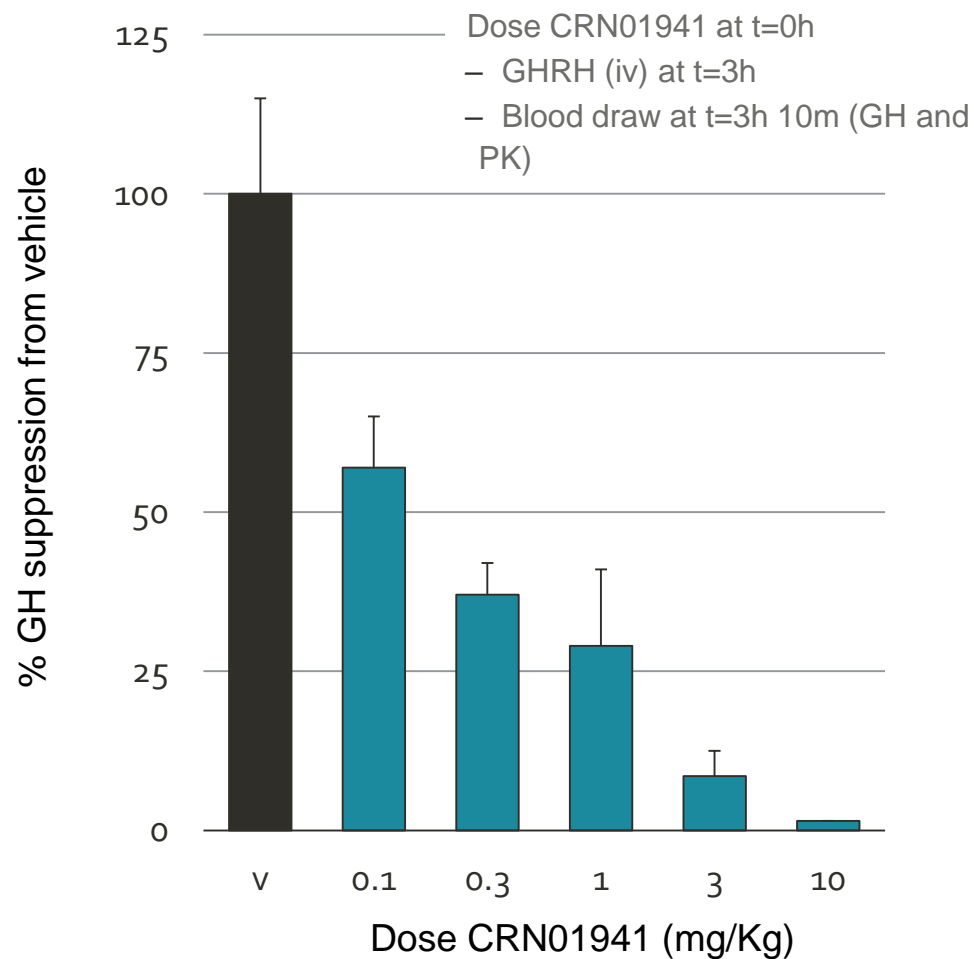
CRN01941:

CRN01941 is a novel molecule from a separate chemical series

Demonstrated suppression of GHRH-induced GH in preclinical models



	hSST ₂ EC ₅₀	rSST ₂ EC ₅₀	In vivo EC ₅₀
CRN00808	0.27 nM	1.1 nM	11 ng/mL
CRN01941	0.11 nM	0.38 nM	1 ng/mL

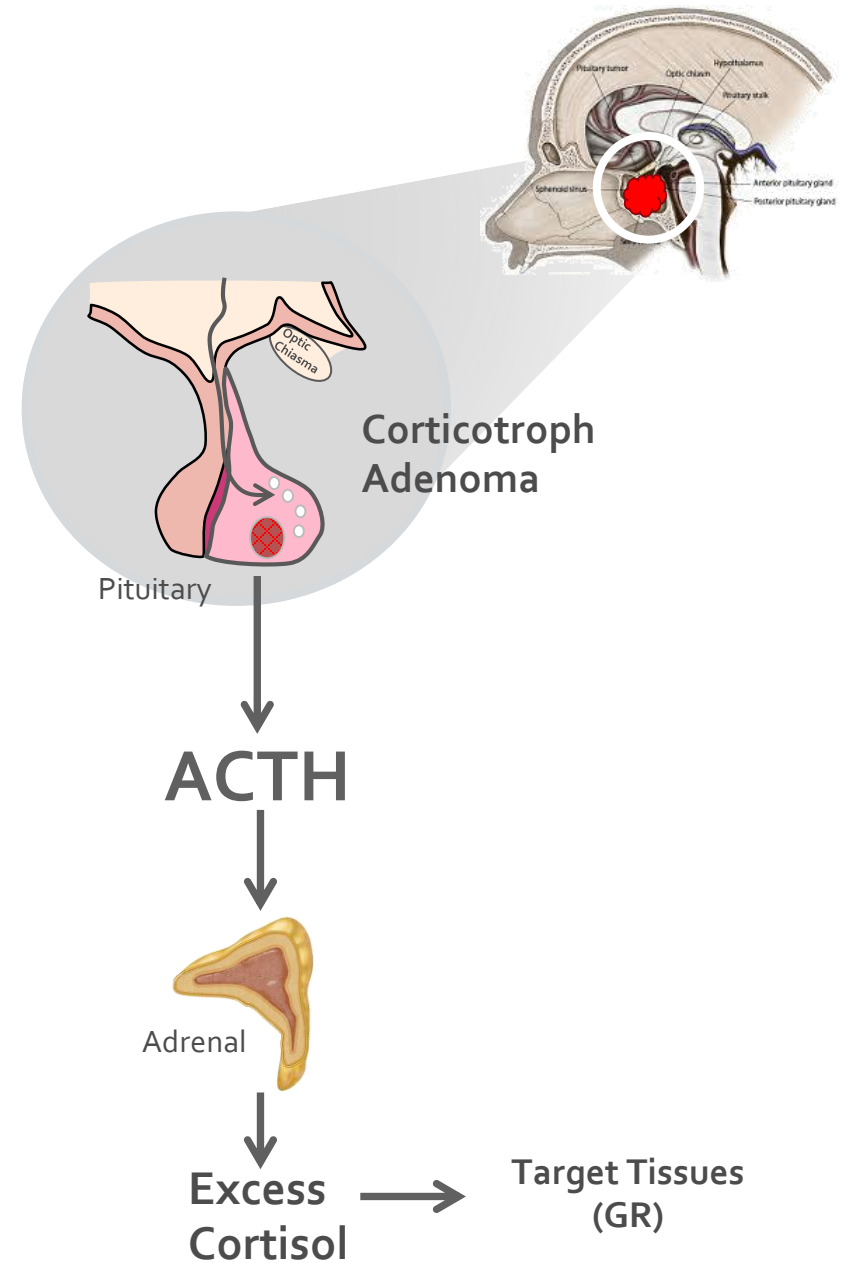


Goal: Initiate a Phase 1 human proof-of-concept clinical trial in the first half of 2019 with results expected in late 2019 / early 2020

ACTH Antagonists

for the treatment of
Cushing's disease and other
conditions of ACTH excess

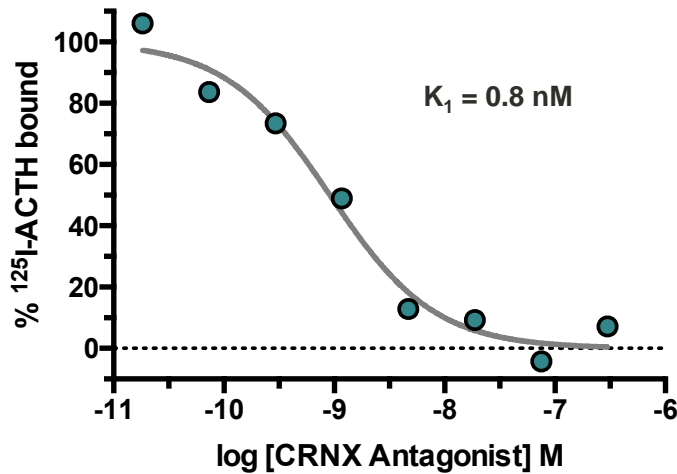
Cushing's Etiology



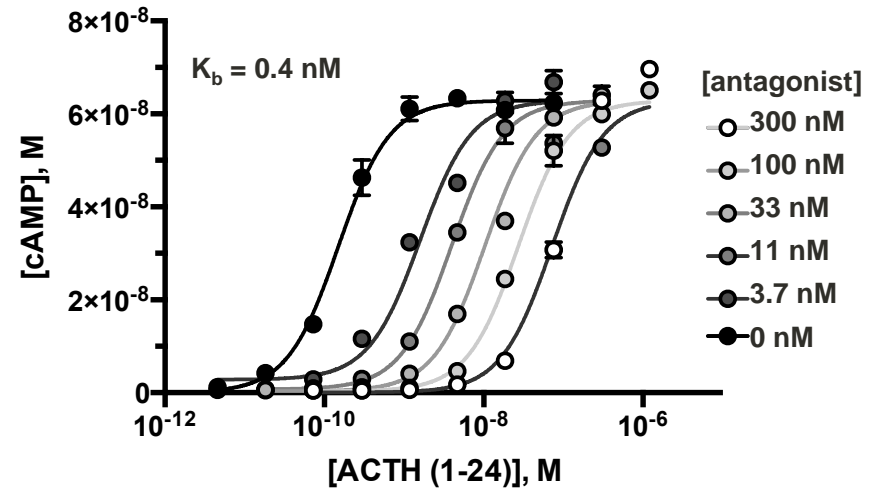
Cushing's Disease Standardized Mortality Ratio = 2.4 (95% CI, 1.2-3.9)

A prototype ACTH antagonist

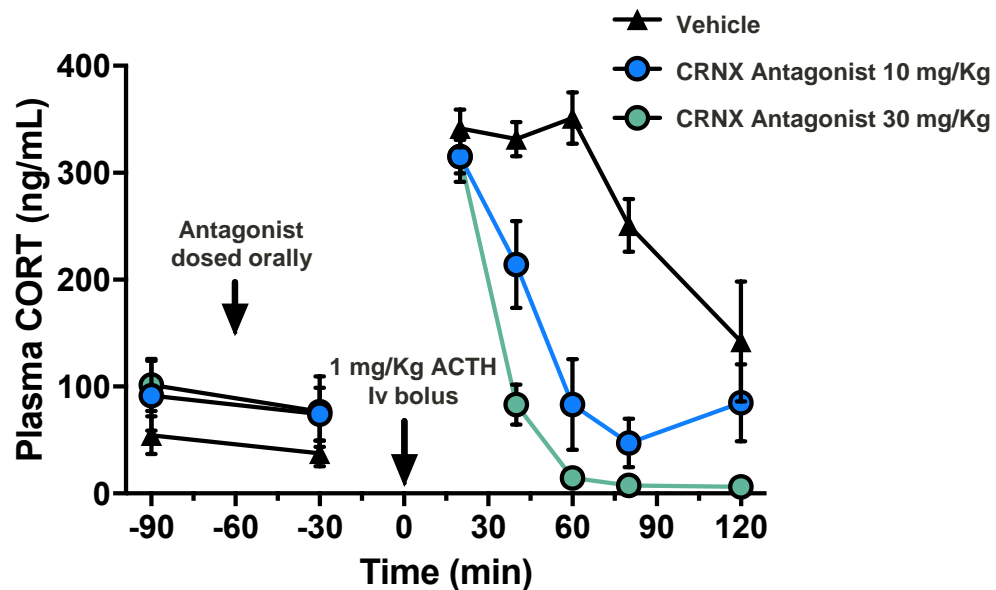
Competition radio-ligand binding assay



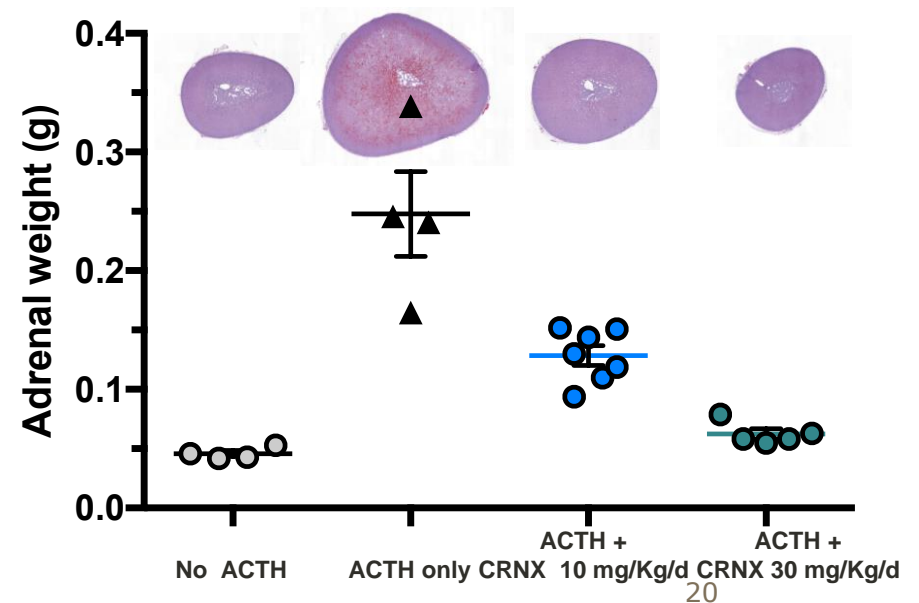
Schild analysis of functional antagonism



In vivo POC: acute suppression of ACTH-induced corticosterone in rats



In vivo POC: repeat antagonist dosing (7d) rescues adrenal hypertrophy from chronic ACTH infusion



sst5 Agonists

for the treatment of hyperinsulinism

Congenital Hyperinsulinism

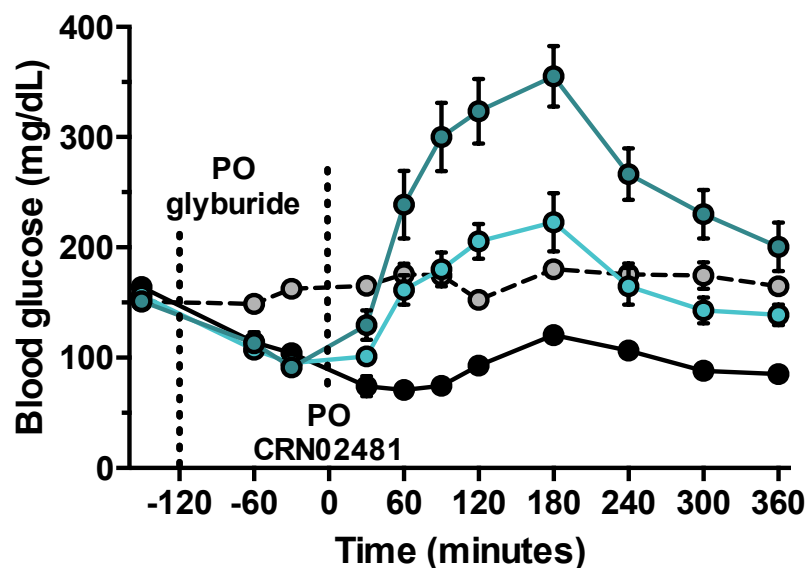
- Etiology
 - Genetic defects (e.g. K_{ATP} channel) results in excess insulin secretion and profound hypoglycemia
 - Incidence: 1:30,000 to 1:50,000 births (U.S.)
- Treatment Goals
 - Avoid pancreatectomy
 - Prevent cognitive / developmental problems
 - Reduce injections and glucose sticks
 - Medical management until HI is resolved
 - Live a normal life

Other Potential Indications

- Post-bariatric surgery hypoglycemia
- Insulinoma
 - Insulin secreting neuroendocrine tumor
 - Ultra-rare

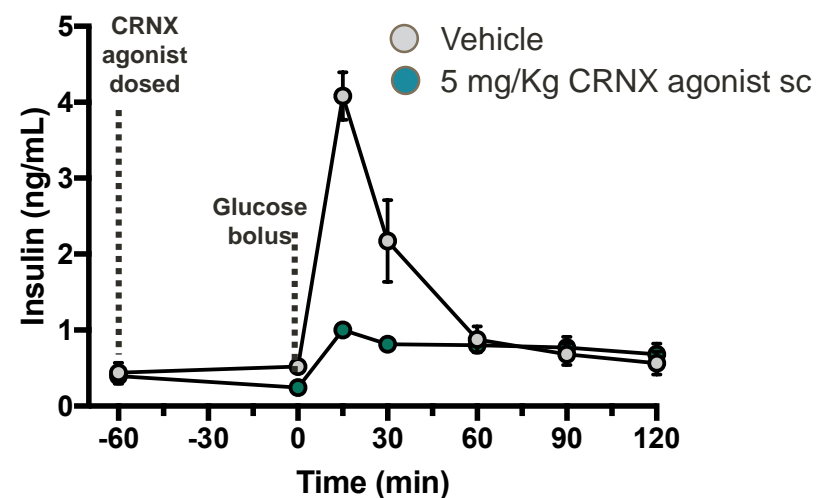
sst5 Agonists: Preclinical results

Rescue of hypoglycemia in rats induced by treatment with sulfonylurea glyburide

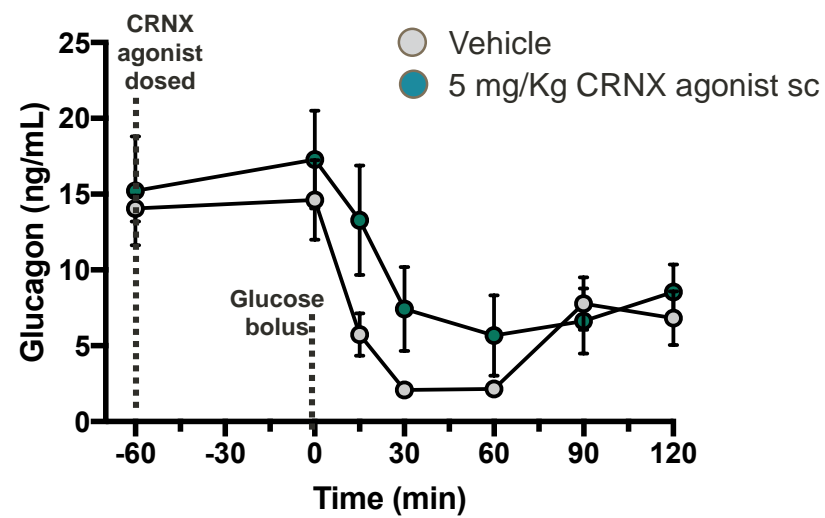


- Glyb + 10 mg/Kg CRN02481
- Glyb + 3 mg/Kg CRN02481
- Vehicle
- 30 mg/Kg glyburide

In an OGTT, CRNX agonist suppressed insulin...



...while maintaining glucagon levels



Financial Overview



As of June 30, 2019

- **\$145.0 million cash and investments**
- **No debt**
- **24.2 million common shares outstanding**

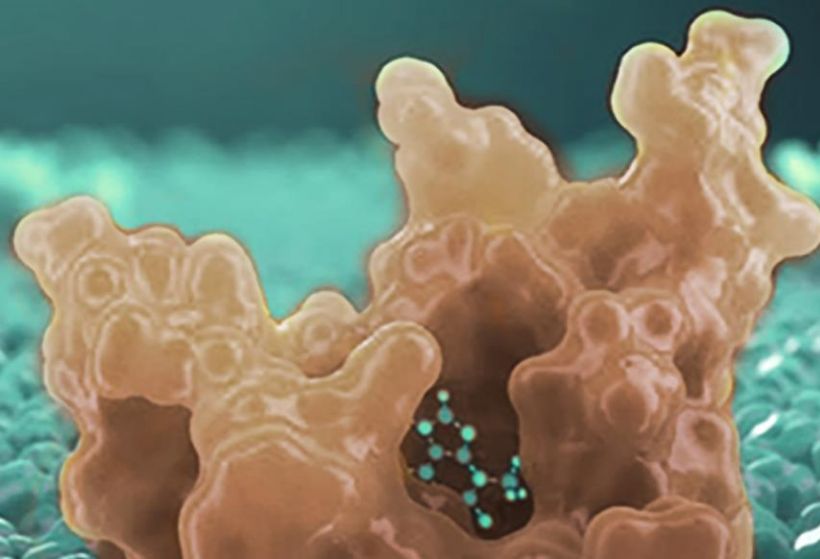
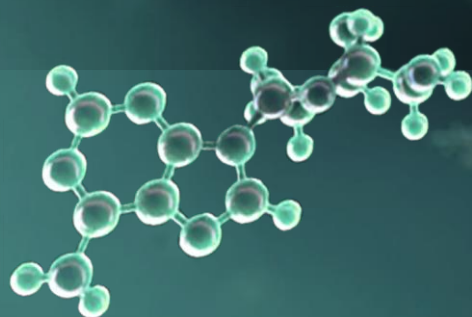
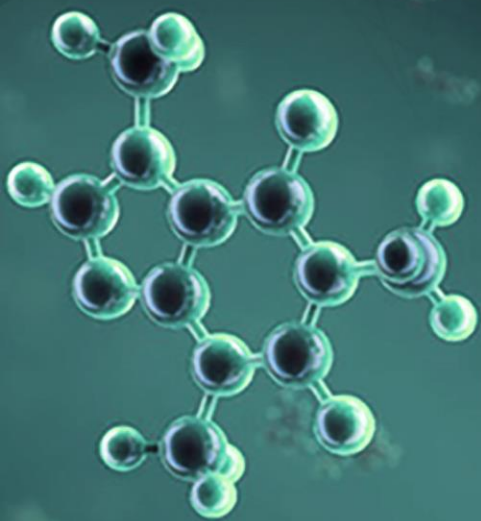


2019 Goals

- *Enroll CRN00808 Phase II trials*
- *Initiate CRN01941 Phase I study*
- *Continue to advance sst5 for hyperinsulinism and ACTH antagonist programs towards the clinic*



Appendix



Leadership Team

Scott Struthers, PhD

President & CEO, Founder



Frank Zhu, PhD

VP of Chemistry, Founder



Steve Betz, PhD

VP of Biology, Founder



Ajay Madan, PhD

VP of Development



Marc Wilson

Chief Financial Officer



Alan Krasner

Chief Medical Officer



Gina Ford

VP, Corporate Strategy & Commercial Planning



Directors and Advisory Board

BOARD OF DIRECTORS

Wendell Wierenga, PhD Chairman (Former EVP R&D, Santarus)



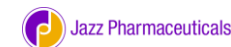
Scott Struthers, PhD Founder & CEO



Steve Kaldor, PhD Former CEO, Quantice



Matt Fust Former CFO, Onyx



Jack Nielsen Managing Director, Vivo Capital



Weston Nichols, PhD Analyst, Perceptive Advisors



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