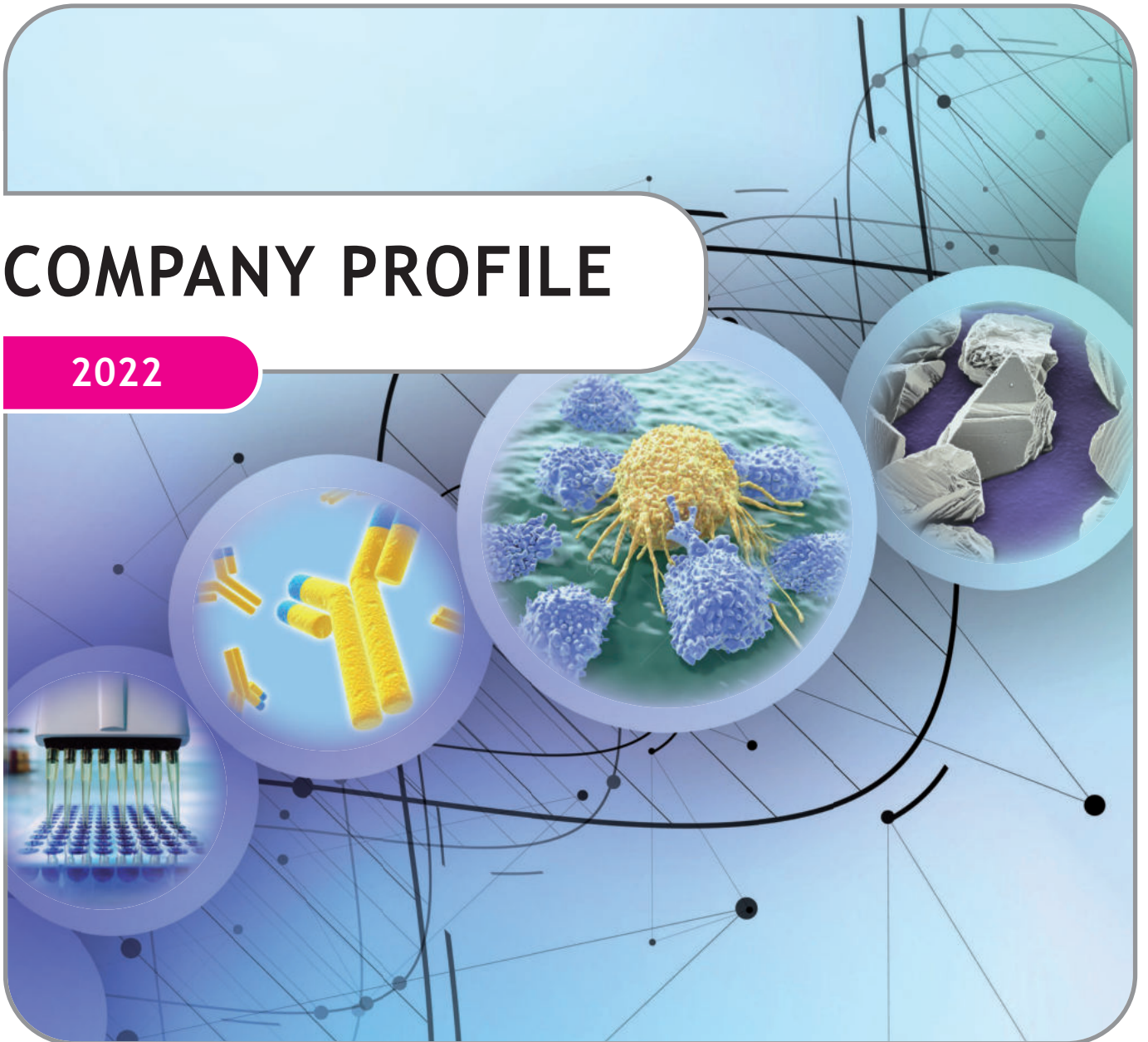


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# AdipoGen Life Sciences

## COMPANY PROFILE

2022



## AdipoGen<sup>®</sup> LIFE SCIENCES

Adipogen Life Sciences, Inc. (AGLS) is a leading company in the arena of the life science research reagents market. A highly skilled team of individuals manufactures and distributes internationally under the brand "AdipoGen Life Sciences" specialized and comprehensive product portfolios in fast growing, new and innovative research areas focusing on:

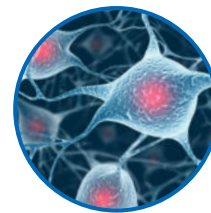
### *Inflammation & Immune Responses*



INFLAMMASOMES &  
INNATE IMMUNITY



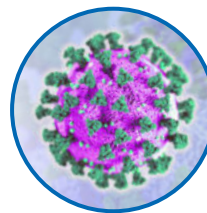
B & T CELLS  
IMMUNE REGULATION



NEUROINFLAMMATION



OBESITY



SARS-COV-2

Furthermore AGLS partners with very selected 3rd-party companies (see page 15) to support the overall product portfolio of AGLS with high quality research reagents.

### *Technologies*



SMALL MOLECULES  
BIOCHEMICALS



ELISA KITS  
ASSAY KITS



TR-FRET KITS



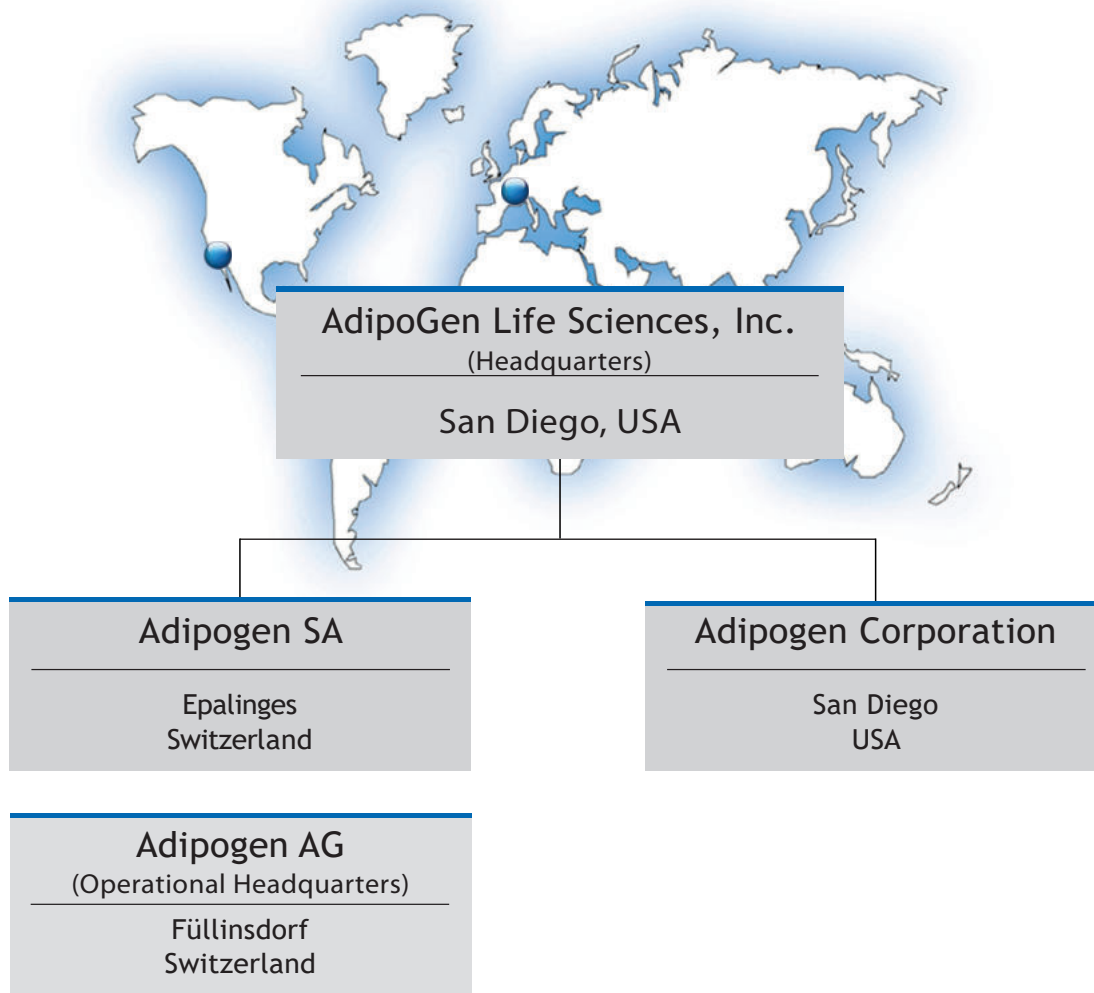
ANTIBODIES  
REC. ANTIBODIES



PROTEINS

# Legal Structure, Locations & Distribution

AdipoGen Life Sciences, Inc. (AGLS) consists of two companies, Adipogen SA (Switzerland) (and its branch office Adipogen AG) and Adipogen Corporation (San Diego, USA). The Corporate headquarters is in San Diego, USA and the Operational headquarters is in Liestal, Switzerland. AGLS operates under the brand “AdipoGen Life Sciences” internationally.



## WORLDWIDE DISTRIBUTION

**DIRECT:** North America (USA & Canada), Switzerland

**PARTNERS:** Japan, China, Italy

**DISTRIBUTORS:** 40 Distributors Internationally

The Management Team of Adipogen Life Sciences, Inc. has spent their entire careers in manufacturing and marketing life science research reagents to serve the challenges of the field.

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**Georges Chappuis, Ph.D.**

Chief Executive Officer – AdipoGen Life Sciences, Inc.

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**Tamara E. Sales, CPA**

Chief Financial Officer – AdipoGen Life Sciences, Inc.

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**Silvia Dettwiler**

Chief Operating Officer – AdipoGen Life Sciences, Inc.  
Sales – AdipoGen Life Sciences, Inc.

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**Olivier Donzé, Ph.D.**

Chief Scientific Officer – AdipoGen Life Sciences, Inc.  
Managing Director – Adipogen SA

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**Alessandro Traina, M.Sc.**

Marketing – AdipoGen Life Sciences, Inc.  
Managing Director – Adipogen AG

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**Jennifer Norman**

Director of Sales North & South America

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# Locations: R&D – Production – Operations

CORPORATE PROFILE 2022

## Adipogen Corporation

### LOCATION:

San Diego, USA

### EXPERTISE:

- Chemistry Coordination & QC
- North & South American Operational Headquarters
- Marketing & Sales North & South America
- Inventory Management North America



## Adipogen SA

### LOCATION:

Epalinges, Switzerland

### EXPERTISE:

- Development & Bulk Production of Proteins & Functional Antibodies
- Development & Production of Recombinant Antibodies
- Development & Production of ELISA Kits
- Services



## Adipogen AG

### LOCATION:

Füllinsdorf, Switzerland

### EXPERTISE:

- Global Marketing & Sales
- Global Operational Headquarters
- OEM Relationships / In-licensing Collaborations with Original Manufacturers
- Distributor Management
- Global Inventory Management



## Electronic and Printed Marketing Tools

## Insights – Landing Pages

- Contain Comprehensive Product Overviews
- Contain Technical & Scientific Information

## Advertising / Sponsoring

- Ads (e.g. GEN News; Technology Networks)
- Banners for Websites
- Banners for Distributors and Partners
- Keystone eSymposia Sponsoring
- Sponsoring of selected Conferences & Workshops
- SEO Improvements
- Social Media (LinkedIn; Twitter)



## Website (www.adipogen.com)

### Features:

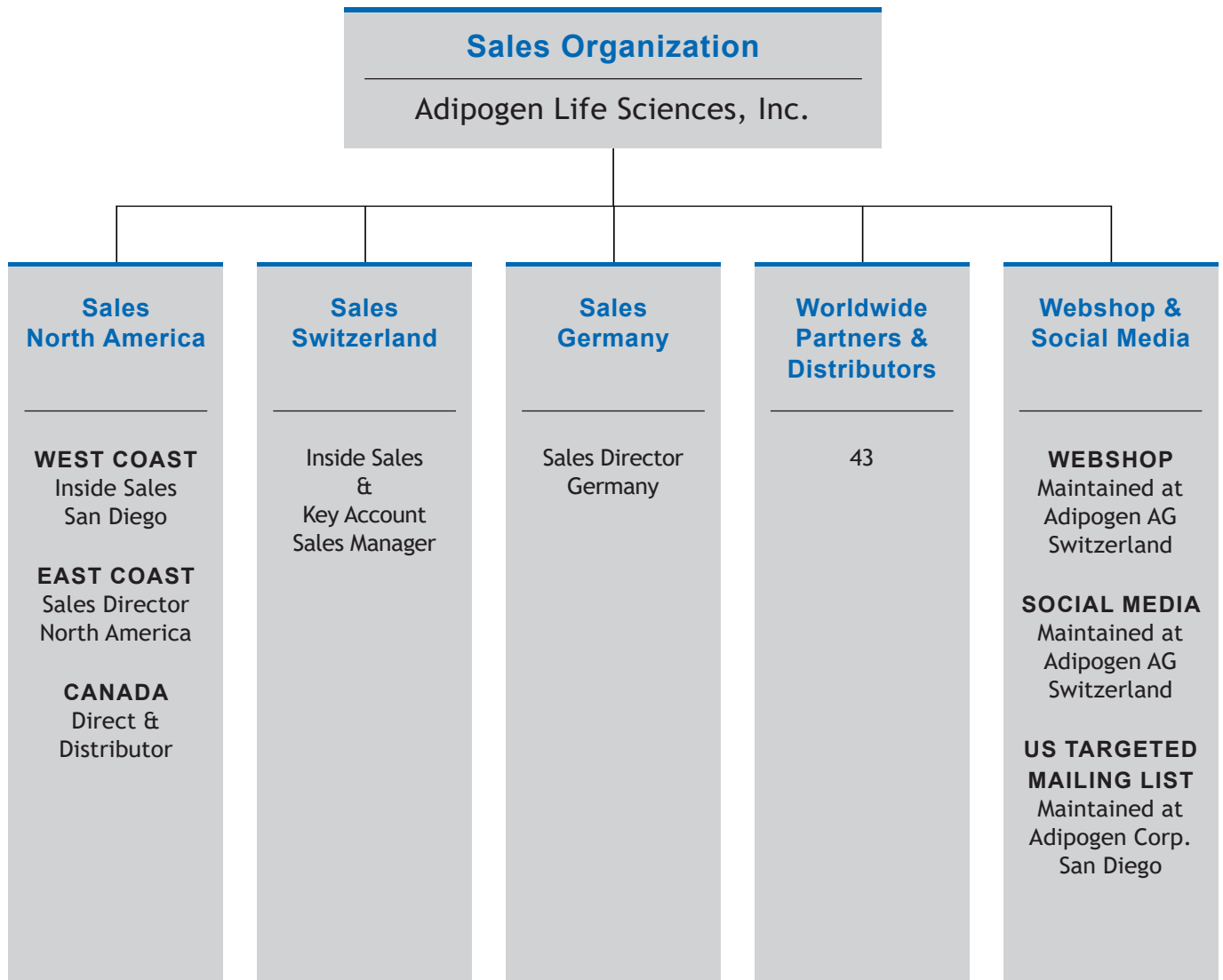
- Online Webshop (Direct Ordering)
- Quick & Regular Introduction of New Products
- Regularly Updated News Section
- Comprehensive Product Information
- *Insights* Landing Pages
- Technical Information Pages
- SEO/Mobile Optimized Design



## E-Newsletters (International & USA/CH)

### Features:

- Regular Distribution (1-2/month)
- ~10'000 Subscribed Users
- ~30% Opening Rate
- Simple Templates; Re-distributed by several Partners & Distributors





# Custom Services

Diagnostics, Pharmaceutical and especially Biotech Industries outsource more and more supporting research activities to specialized 3rd-party life science companies. AdipoGen Life Sciences specializes in selected Services to the research community.

The Panel of Services are:

## PROTEIN & ENZYMES

- Protein & Enzyme Production
- Cell-suspension Protein Production
- Protein Labeling
- Protein Validation Service

## ANTIBODIES

- Antibody Development
- Hybridoma Antibody Production
- Recombinant Antibody Development
- Recombinant Antibody Conversion
- Antibody Labeling
- Antibody Validation Service
- Humanized Antibodies

## ASSAY & ELISA KITS

- Assay Development
- Development of TR-FRET Assays
- Biomarker Testing Service
- Assay Validation Service

## SMALL MOLECULES

- Synthesis of Specialty Chemicals
- Chemical Sourcing Service
- Chemical Analysis Service



Your  
Life Sciences  
Partner for

**Custom  
Services**

**AdipoGen**<sup>®</sup>   
LIFE SCIENCES  
[www.adipogen.com](http://www.adipogen.com)



## AdipoGen<sup>®</sup>

LIFE SCIENCES

AdipoGen Life Sciences' business division «Small Molecules» supports the overall product portfolio in the key areas Inflammation & Innate Immunity, B & T Cells Immune Regulation, Neuroinflammation, Obesity and SARS-CoV-2 (Antiviral Compounds). AdipoGen Life Sciences is the manufacturer of many unique and high quality biochemicals.

### Focus areas:

Small Biologically Active Molecules

Unique Natural Products

Rare Antibiotics

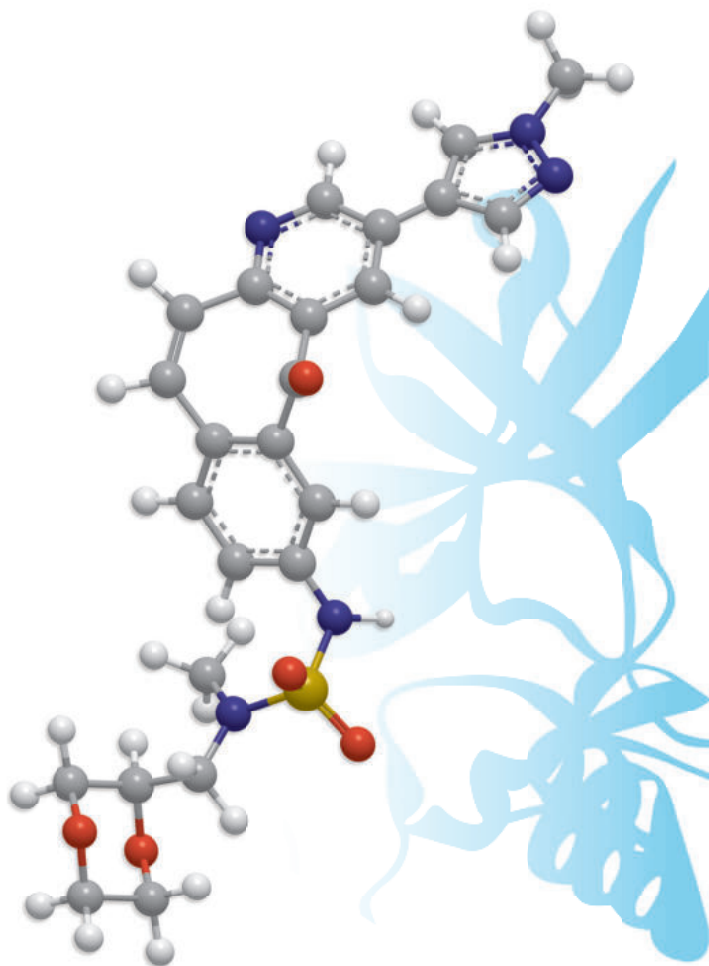
Screening Compounds

Microbiota

Detection

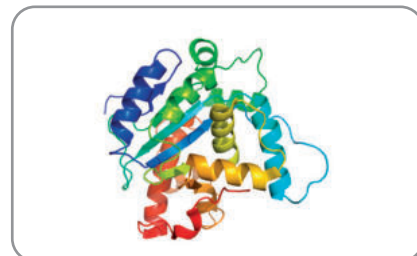


- Dyes
- Labels
- Probes



## PROTEINS

- Low endotoxin levels
- Produced in *E. coli*, HEK 293 & CHO cells
- Bulk quantities available
- MultiPacks available (**Savings!**)
- Animal-free components production (Serum-Free)



**AdipoGen Life Sciences' Specialty – Proteins with Enhanced Activity  
& Proteins Manufactured under Animal-Free Components and  
Serum-Free Conditions**

### HIGHLIGHTS:

- Multimeric Proteins (MegaLigands)
- Human IL-2 Superkine
- Human & Mouse VISTA:COMP
- Human Soluble BAFF (60-mer)
- Human & Mouse SuperKiller TRAIL
- Chimerigen's Non-Lytic Proteins
- Human IL-33 (oxidation resistant)
- COMP:Human Angiopoietin-1
- Human DLL4 (Highly Active Mutant)
- Human Soluble izTRAIL
- COMP:Human CD40L
- Monomeric IL-2 Superkine KIH Proteins
- Monomeric IL-37 KIH Protein
- New Immune Checkpoint TAPBPL:Fc

### SELECTED OTHER PROTEINS:

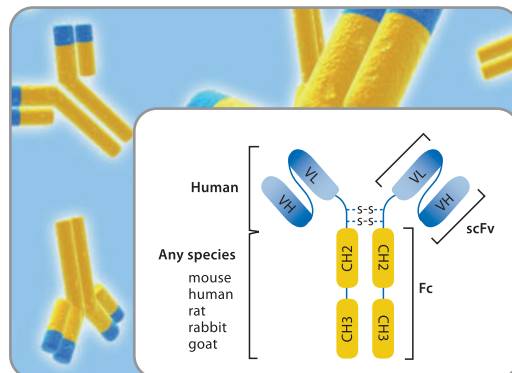
- Full Panel of Immune Checkpoint Proteins
- Comprehensive Panel of TNF Superfamily Proteins
- Biologically Active Mouse & Human IL-35
- Natural & Recombinant High Purity Flagellin
- Human Soluble ACE2 Proteins
- SARS-CoV-2 RBD Mutant Variants
- Untagged Progranulins
- Full Panel of Notch-Family Proteins
- Untagged Irisin
- Human Asprosin (His-tagged)
- Isthmin Proteins (New Adipokine)
- SARS-CoV-2 Full-length Stable Trimer

# Product Groups – Antibodies / Recombinant Antibodies

CORPORATE PROFILE 2022

## ANTIBODIES

- Raised against purified native proteins
- Extensively tested/validated
- Cited in scientific publications
- Competent for different applications
- ATTO, Biotin and FITC-labeled
- Used in ELISA Kits



## AdipoGen Life Sciences' Specialty – Functional & Recombinant Antibodies (Phage Display)

### Antibodies developed from NON-ANIMAL SOURCES using *in vitro* antibody phage display technology for research and potential therapeutic application.

- Developed from a human antibody phage display library and produced in mammalian cells (CHO or HEK 293)
- Show similar properties compared to monoclonal antibodies developed in mice/rat/rabbit (e.g. affinity in the low nanomolar range)
- Ideal for conserved antigens (which are poorly immunogenic in animals) to detect conformational epitopes (e.g. GTP-bound proteins) or protein modifications (e.g. phosphorylations, ubiquitinations)

### SELECTED HIGHLIGHTS:

- Blocking Antibodies for *in vitro* & *in vivo* Studies (mAPRIL, mBAFF, mAngiopoietin-2, mIL-33)
- Activating Antibodies for *in vitro* & *in vivo* Studies (mCD40, mFAS)
- Neutralizing Antibodies for *in vitro* & *in vivo* Studies (Zika Virus, SARS-CoV-2)
- Post-translational Modification-specific Antibodies (Polyglutamylation, Acetylation, Glycylation, Palmitoylation)
- Conformation-specific Antibodies (VISTA, GTP-Tubulin)
- The Standard Antibodies for Inflammasome Research (NLRP3, Asc, Activated Caspase-1)
- NLRP3 Inflammasome Starter Sets / PANoptosome Starter Sets
- Post-translational Modification Antibodies Set

## ELISA KITS

- High performance quality kits
- Reproducible results with low inter- and intra-assay variation
- High sensitivity and specificity
- Broad range of sample types (e.g serum, plasma, cell culture supernatant, urine)
- Unique intracellular detection systems
- Many product-specific literature references



## AdipoGen Life Sciences Manufactures Unique ELISA Kits in Inflammation & Immune Responses



### INFLAMMASOMES & INNATE IMMUNITY

- IL-1 $\beta$  (human) ELISA Kit (Highly Sensitive)
- IL-37 (human) ELISA Kit (Unique for Detecting Dimer)
- IL-36 Family (human) ELISA Kits
- Gasdermin ELISA Kits (Unique)



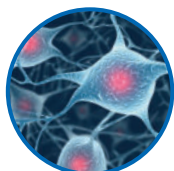
### OBESITY

- eNamt (human) ELISA Kit (The Standard)
- RBP4 & Irisin (human) ELISA Kits (The Standards)
- Erythroferrone (human) ELISA Kit (High Specificity)
- Asprosin (human) ELISA Kit (New)



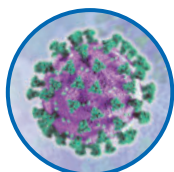
### B & T CELLS IMMUNE REGULATION

- PD-1 & PD-L1 (human) ELISA Kits
- APRIL & BAFF (human) ELISA Kits (High Sensitivity)
- CD40L & B7H3 (human) ELISA Kits
- FGL1 (human) ELISA Kit (New)



### NEUROINFLAMMATION

- Progranulin (human) ELISA Kit (The Standard)
- Progranulin (mouse) ELISA Kit (The Standard)
- Adiponectin (human & mouse & rat) ELISA Kits

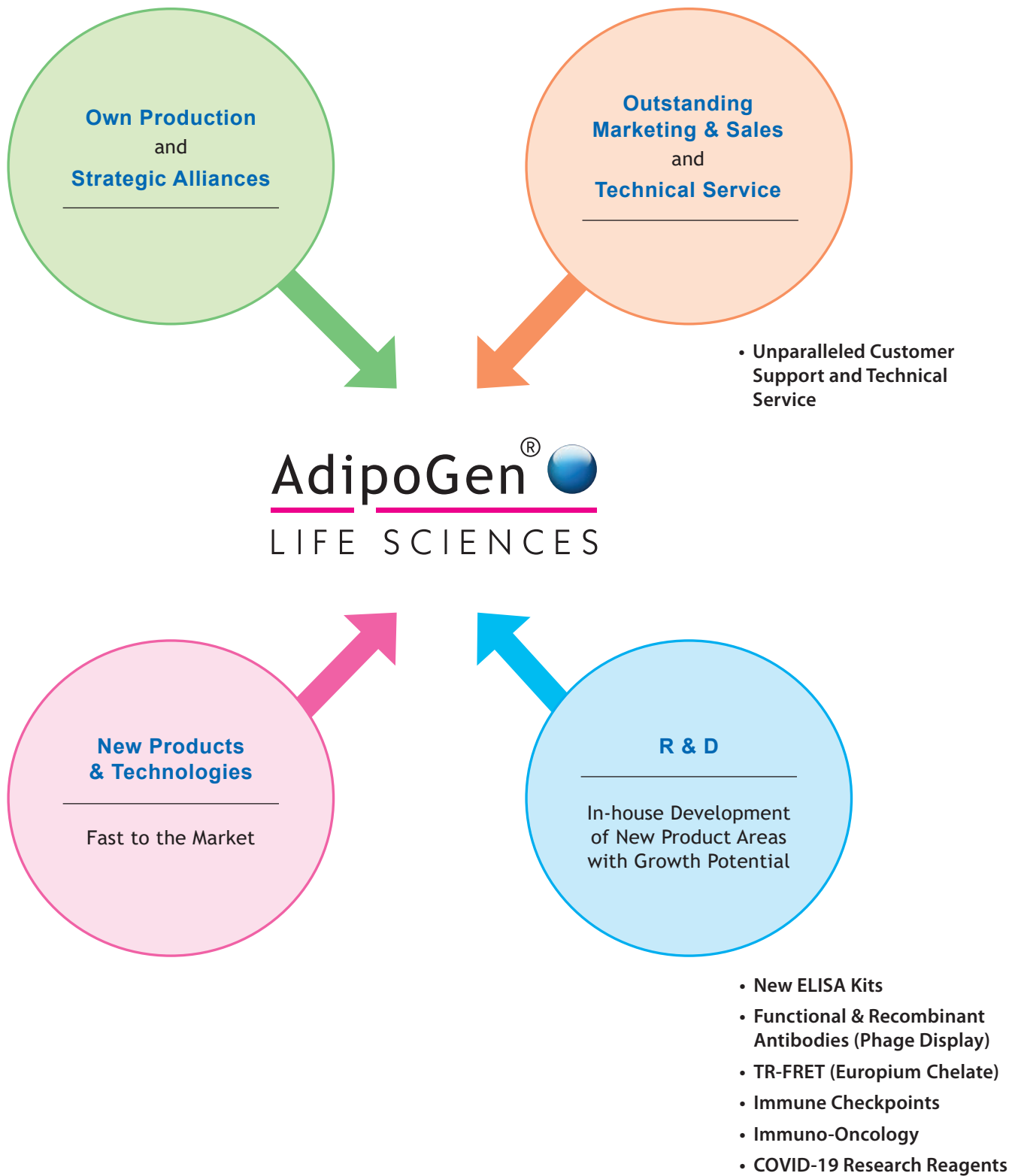


### SARS-COV-2

- SARS-CoV-2 Neutralizing Antibodies Detection Kit (for testing against Spike wt and different variants)
- SARS-CoV-2 (Spike RBD) IgG Serological ELISA Kit
- ACE2 (human) ELISA Kit

# Overall Product Strategy for Growth

CORPORATE PROFILE 2022



# AdipoGen<sup>®</sup>

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## LIFE SCIENCES



High Throughput  
RNA Sequencing  
Kits



High Quality CD Monoclonal  
Antibodies and Fusion  
Proteins



Universal High Through-  
put Screening Assays  
for Drug Discovery



Fluorescence Dyes,  
Probes & Assays



30 Years of Experience  
of Unique & Rare  
Natural Products &  
Antibiotics



The Leader in EIA Kits,  
Eicosanoids, Nitric Oxide  
& Signal Transduction  
Products



Manufacturer of Fluo-  
rescent Probes, Stains,  
Labels, Dyes, Markers  
and Metabolites



The Expert for  
High Quality Fusion  
Proteins



TLR Agonists & Antagonists  
IAXO Compounds



High Quality Oxidative  
Stress Markers



Advanced Rabbit &  
Goat Recombinant  
Antibodies



Specialized in  
Bioassays, Enzymes  
and Advanced  
TR-FRET Technology



Innovative Labeling &  
Detection Systems for  
Biological and Medical  
Science

# Contact

CORPORATE PROFILE 2022

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