

### Legal Notice

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### CSL at a Glance









**Employees** around the world

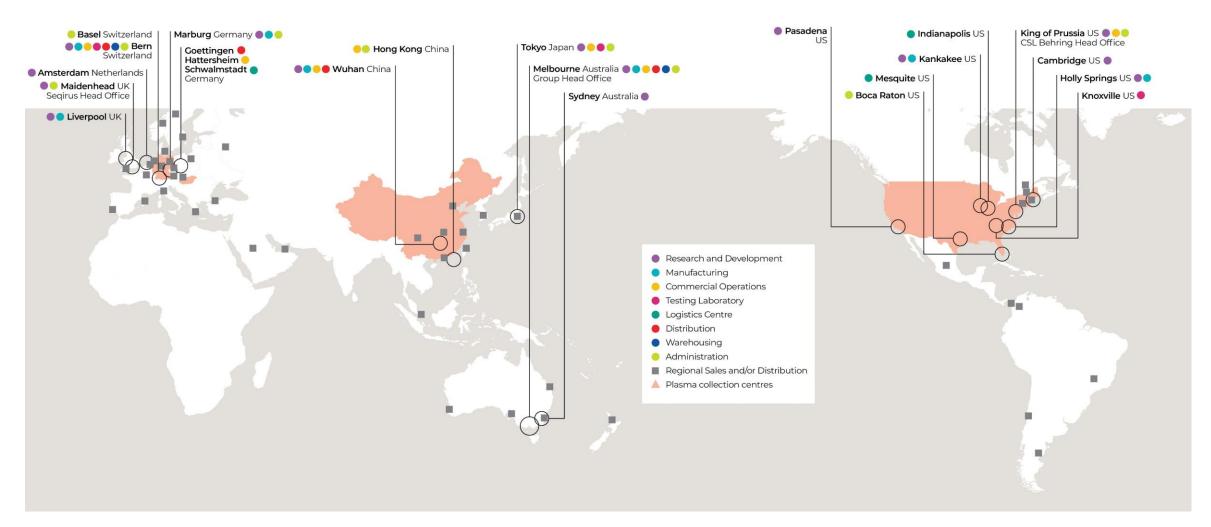




5 years to advance product pipeline



### Our Locations





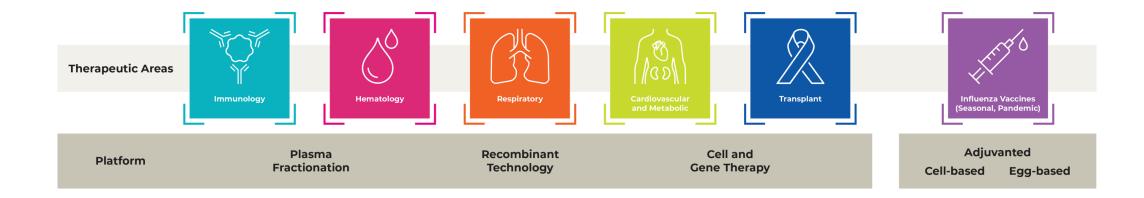
# Top 25 Biotech Companies of 2022



Rank	Company	Ticker Symbol	Market Cap (US\$ Billion)
1	Novo Nordisk	NOVO-B (CPH)	236.0
2	Thermo Fisher Scientific	TMO (NASD)	213.4
3	Amgen	AMGN (NASD)	130.8
4	CSL Ltd	CSL (ASX)	92.2 B
5	Gilead Sciences Inc	GILD (NASD)	77.6
6	Regeneron Pharmaceuticals Inc	REGN (NASD)	67.4
7	Vertex Pharmaceuticals	VRTX (NASD)	61.5
8	Moderna	MRNA (NASD)	58.7
9	Chugai Pharmaceutical	4519 (JPX)	52.6
10	Illumina	ILMN (NASD)	50.9
11	Lonza	LONN (SWX)	49.2
12	WuXi AppTec	603259 (SHSE)	47.9
13	Samsung Biologics	207940 (KRX)	42.2
14	Agilent Technologies	A (NYSE)	40.3
15	Jiangsu Hengrui Medicine Co Ltd	600276 (SHSE)	40.1
16	BioNTech SE	BNTX (NASD)	33.4
17	WuXi Biologics	2269 (HKG)	33.3
18	Biogen	BIIB (NASD)	30.8
19	Sun Pharmaceutical Industries	SUNPHARMA (NSE)	26.1
20	Seagan	SGEN (NASD)	23.9



## CSL's Core Therapeutic Areas (TAs) & Platforms









Privigen® (10% intravenous Ig)
Primary immunodeficiencies (PID),
Chronic inflammatory demyelinating
polyneuropathy (CIDP)

Hizentra® (20% subcutaneous Ig) PID, CIDP Dermatomyositis (DM), Ph III Systemic sclerosis (SSc), Ph II

Haegarda® (C1 Esterase Inhibitor) Hereditary angioedema

**Garadacimab** (Anti-FXIIa mAb) Hereditary angioedema, Ph III

CSL324 (Anti-G-CSFR mAb) Hidradenitis suppurativa (HS), Ph I

**CSL730** (Recombinant Trivalent Human IgG1 Fc Multimer), Ph I

**Gene Therapy Treatments**PID, Research



### **Core Interests**

#### **Immune deficiencies**

(PID gene therapy and targets)

#### **Autoimmune diseases (AIDs)**

(e.g. Primary Sjögren's syndrome; SSc; idiopathic myositis incl. DM, polymyositis and others; autoimmune blistering diseases)

#### Therapeutic strategies for AIDs

- Novel immunomodulatory strategies targeting cytokines, chemokines, modulatory proteins and TNF-family members
- B cell depletion / regulation strategies

Alternatives to plasma-derived Ig / Recombinant IVIg







Idelvion® (Recombinant FIX-FP) Hemophilia B

**Afstyla**® (Recombinant FVIII) Hemophilia A

Kcentra® (Prothrombin complex concentrate)
Urgent warfarin reversal

**EntranaDez** (AAV FIX gene therapy) Hemophilia B, Ph III

**CSL889** (Hemopexin) Sickle cell disease, Ph I

**CSL888** (Haptoglobin) Sub-arachnoid hemorrhage, PC



#### Hemorrhagic stroke

- Novel biologic targets/ therapeutics or strategies to understand pathomechanisms
- Biomarker/Omics approaches for patient stratification and drug discovery

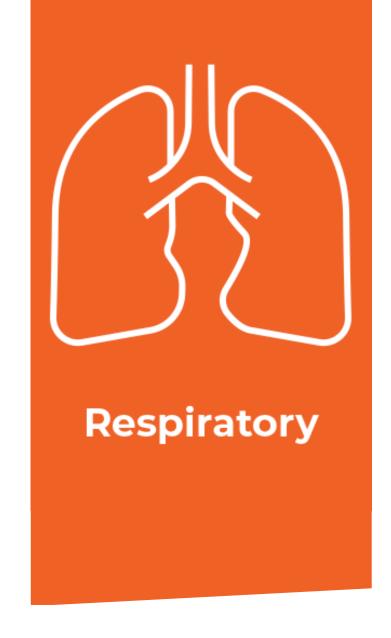
# Acute thrombosis (pulmonary embolism, acute ischemic stroke)

Novel therapies / approaches for targeted fibrinolysis / thrombolysis with increased efficacy and safety

#### Sickle cell disease

Prophylactic therapies to reduce vaso-occlusive crises and chronic vasculopathy







**ZEMAIRA®/RESPREEZA®** (Alpha 1 Antitrypsin)

Garadacimab (Anti-FXIIa mAb) Idiopathic Pulmonary Fibrosis, Ph IIa

**CSL311** (Anti-β-common mAb) Airways inflammation, Ph I

**CSL787** (Nebulised Ig) Respiratory infections, Ph I



#### Core Interests

**Asthma** 

(severe, uncontrolled)

**Chronic obstructive pulmonary** disease

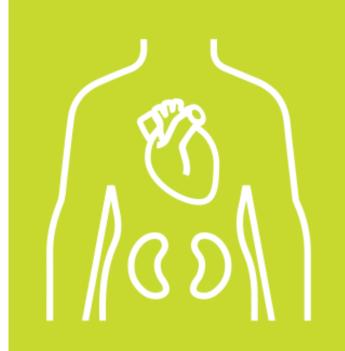
(exacerbations)

Non-cystic fibrosis bronchiectasis

**Interstitial lung diseases** (progressive fibrosing)

**Community acquired pneumonia** (CAP)-associated complications (acute respiratory distress syndrome, sepsis, acute kidney injury)









**CSL112** (ApoA-1) Acute coronary syndrome, Ph III

CSL346 (Anti-VEGFB mAb) Diabetic kidney disease, Ph II



#### Core Interests

#### **Myocarditis**

#### Rare lipid disorders

(e.g. familial hypercholesterolemia, familial chylomicronemia)

Severe forms of atherosclerosis

(role of inflammation)







CSL964 (Alpha 1 Antitrypsin) Graft versus host disease, Ph III

Clazakizumab (Anti-IL-6 mAb) Antibody mediated rejection, Ph III

**CSL040** (Novel Complement Inhibitor), PC



### Core Interests

#### **Chronic lung allograft dysfunction**

(incl. prevention, ab-mediated rejection, biomarkers, animal models)

#### Ischemia reperfusion injury (prevention)

#### **Tolerance**

(immunomodulation / tolerance for SOT and HSCT)

#### Hematopoietic stem cell transplants

(improving efficacy / safety)

#### **Acute and Chronic GvHD**

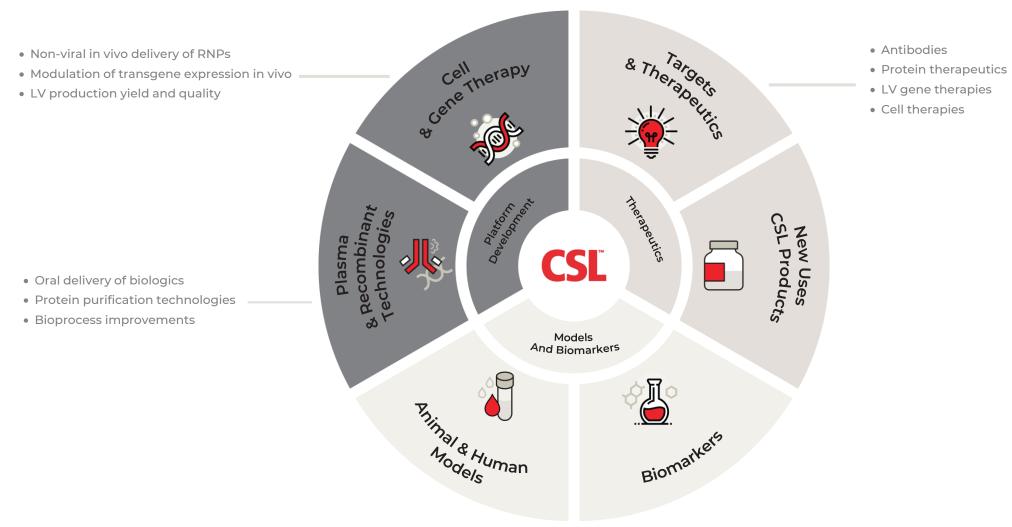
(treatment and prevention)

#### **Cardiovascular allograft** vasculopathy

(treatment and animal models)



### CSL's Areas of Interest for Collaborations





## Capabilities from Discovery to Patients



Target Discovery



Translational Medicine & Data Science



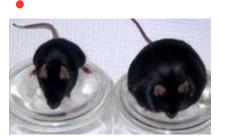
Phase I / II Manufacturing

**CLINICAL STUDIES** 



**Patients** 

#### THERAPEUTIC PLATFORMS



Animal Models of Disease



Toxicology & Product Development



Phase III / Launch Manufacturing



## Benefits of collaborating with CSL



Global capabilities on your doorstep



Work with one of the world's leading biotech companies



Funding for successful proposals



Access to commercial, R&D, clinical, intellectual property, marketing and manufacturing expertise



Accelerate translation of your research to deliver new therapies



>20 new Research
Acceleration Initiative
partnerships
established since 2019



>150 active Research collaborations



225 scientific papers published with our collaborators since 2015





### CSL's Research Acceleration Initiative

**Objective**: to build relationships with entrepreneurial researchers and fastrack discovery of innovative medicines that address unmet needs

Focus on early stage projects in specific areas aligned with CSL's Therapeutic Areas

Why? Early collaborations with high quality academic partners are key to building a sustainable pipeline

CSL has a strong interest in supporting local medical research efforts and strengthening POC capability in the countries in which we work

- ✓ Successful applicants receive up to AUD 250k p.a. for up to 2 years
- ✓ CSL scientific champions assigned to each project to provide expert, industry quidance



# WHY COLLABORATE WITH CSL?



Global capabilities on your doorstep.



Work with one of the world's leading biotech companies.



Funding for successful proposals.



Access to commercial R&D, clinical, intellectual property, marketing and manufacturing expertise.



Accelerate translation of your research to deliver new therapies to patients.

# CSL Research Acceleration Initiative

### Seeking Expressions of Interest from Research Organisations

CSL is a leading global biotech company that develops and delivers innovative biotherapies to help people living with life-threatening medical conditions live full lives.

CSL's Research Acceleration Initiative aims to fast-track discovery of innovative biotherapies through partnerships between CSL and global research organisations. These partnerships provide funding and access to industry experts for scientists working on novel biotherapeutic strategies in CSL's therapeutic areas.

Expressions of interest are sought from Business
Development / Commercialisation representatives across
global research organisations that wish to participate in
the 2022 CSL Research Acceleration Initiative.

The 2022 Research Acceleration Initiative will focus on innovative research projects that address unmet medical needs and are aligned with CSL's **Therapeutic Areas** and scientific **Platforms**:



# >20 new collaborations funded under CSL's Research Acceleration Initiative since 2019

