## Abcam plc

Investor Presentation
H1 FY2021

March 2021

abcam



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#### Forward-looking statements

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#### Non-IFRS Measures

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#### Additional Information

- i. Product cohort data and FX splits
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# 1. Business Overview



### Our mission

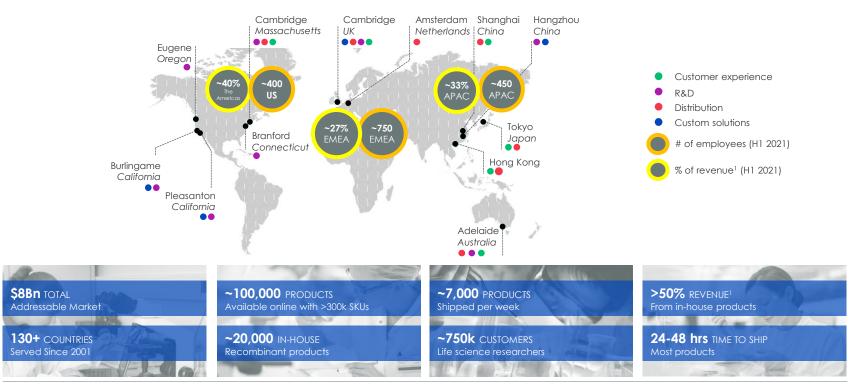
Our mission is to provide life science researchers with highly validated products and services to advance biological research and achieve their goals faster

A leading brand for research use antibodies worldwide

Providing **antibodies**, **reagents and tools** to help researchers study biological pathways since 1998

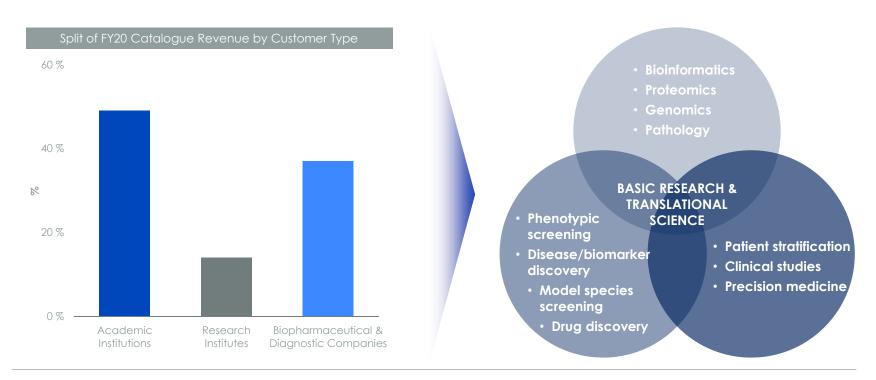
#1 Share of global antibody citations in science research journals for 2019(1)

### Abcam today – a high-growth, global platform





### Life scientists, researchers and biotechs all depend on Abcam





### Abcam's differentiated value proposition

Our customer-centric innovation allows us to identify breakthrough opportunities

- We are a leading brand in research use only antibodies
- We anticipate and serve customer needs faster through our:
  - Data analytics and distinctive insights
  - Powerful data-driven innovation platform, driving antibody discovery
- Customers trust us due to our:
  - High-quality products, ensuring conclusive, consistent and repeatable experiments
  - Extensive product validation
  - Personalized and swift global customer service

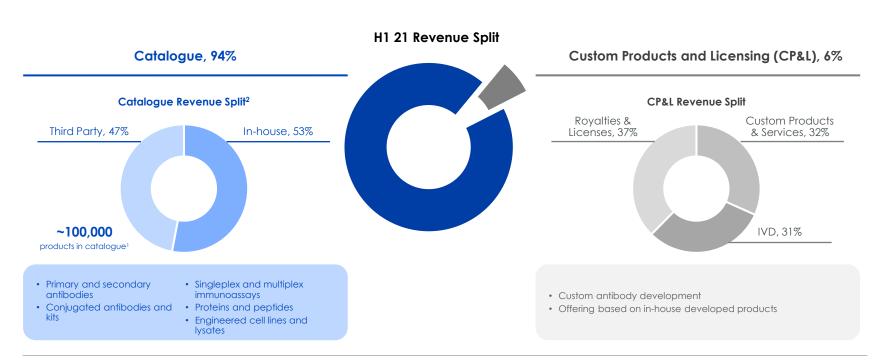




- 1. In peer-reviewed papers in the last decade
- 2. Projects undertaken for biopharma and diagnostic partners
  - 3. This number reflects the total cumulative antibody citations from 2010 to 2019
- 4. Reflects total cumulative projects from 2013 to 2020

#### **Business Overview**

## We offer customers a range of catalogue products and customized solutions...

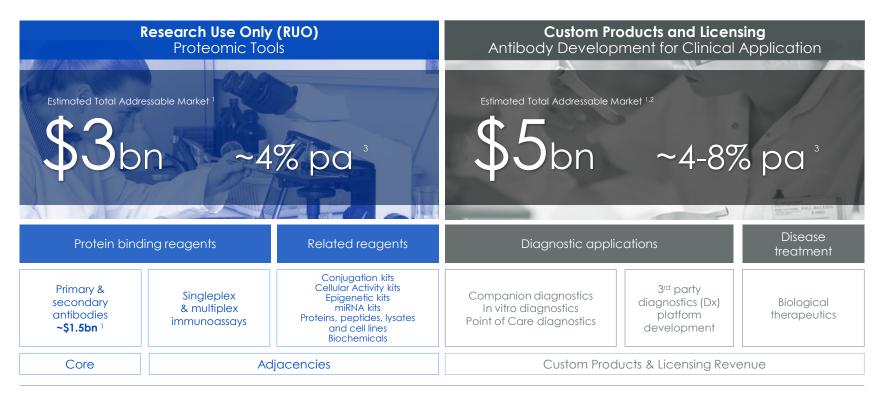




<sup>1.</sup> Information as of December 31, 2020

<sup>2.</sup> Average catalogue revenue split for H2 21

## ...serving large and growing markets





1 As of 2019

3. Excluding the impact from COVID-19

<sup>2.</sup> Total Addressable Market relates to the potential value attributable to the initial antibody development for use by diagnostic and biopharmaceutical partner organisations which result in clinical products, including in-vitro diagnostics (IVD), companion diagnostics, immunoassays and biological therapeutics

### Our market growth is driven by secular trends

#### **Research Use** Proteomic Tools

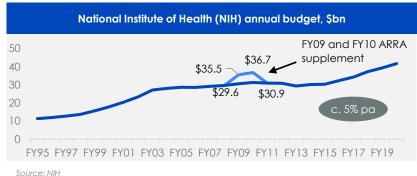
## Antibody Development for Clinical Application Long-term estimated market growth: ~4-8% 1.2

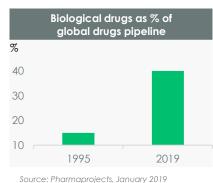
#### Long-term estimated market growth: ~4% 1,2

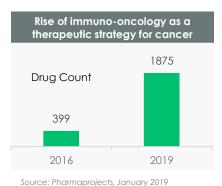
- ↑ Research funding (largely government)
- ↑ Population of scientists who can do the work
- ♠ Productivity
- ↑ Like-for-like price inflation

#### ↑ Biopharma R&D spending

- ♠ Move to large-molecule biologics
- ↑ Rise of precision medicine
- ♠ Trend toward industry outsourcing



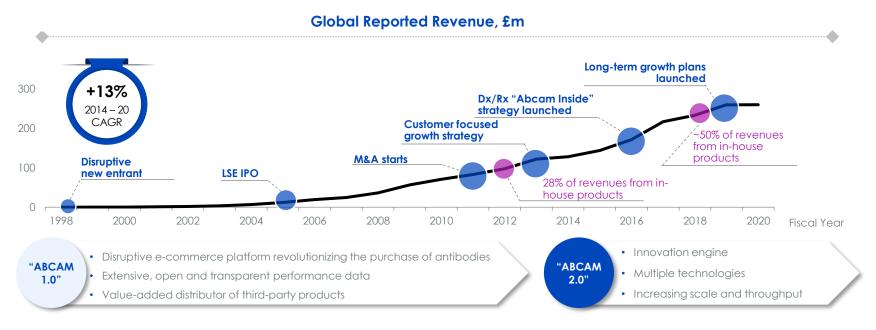




As of 2019

2. Excluding the impact from COVID-19

## We have **gained share every year since inception**, with revenue growth ~3x<sup>1</sup> the estimated annual market growth over the last 6 years





#### **Business Overview**

## Our goal is to drive an incremental ~£200m+ in profitable revenue by Dec-2024



<sup>\*</sup> At current exchange rates. These are not projections; they are goals and are forward-looking, subject to significant business, economic, regulatory and competitive uncertainties and contingencies, many of which are beyond the control of Abcam and its management, and are based upon assumptions with respect to future decisions, which are subject to change. Actual results will vary, and those variations may be material. Nothing in this presentation should be regarded as a representation by any person that these goals will be achieved and Abcam undertakes no duty to update its goals.



#### **Business Overview**

## Our six strategic priorities to sustain growth



1.

Extend leadership in RUO antibodies



2.

Remove innovation constraints and launch new lines



3

Be a leading discovery partner for biopharmaceutical organisations



4.

Be a leading digital company



5.

Remove scalability constraints and sustain value

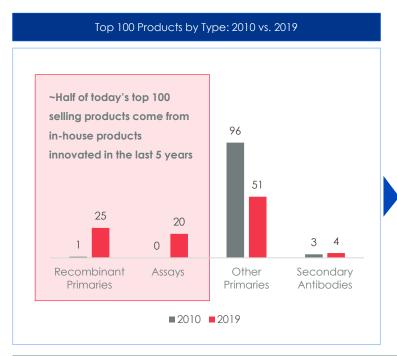


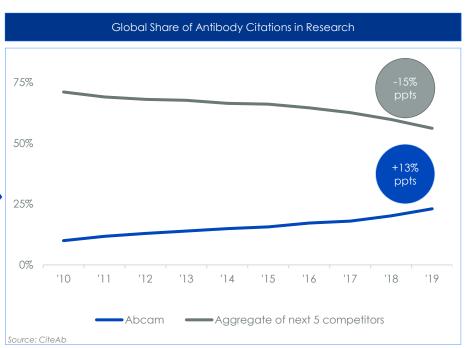
6

Add new content and capabilities through acquisitions and partnerships



## Our business model has evolved from an online distributor to an innovative partner for life scientists, sustaining our share gains

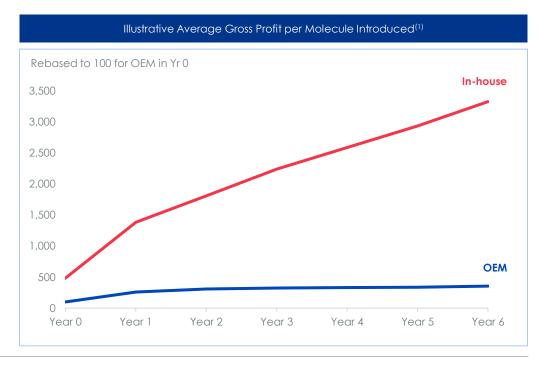






## Attractive return on capital from the transition of supplying OEM products to innovating our own in-house products

- Better rate of growth per molecule from own products using our data
- Significantly higher gross margins from own products
- Longer duration of revenue, as it moves from early stage research through to downstream uses





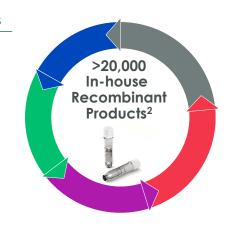
## In-house antibodies unlock multiple avenues of growth by serving an increasing range of customer needs

1. New formulations and applications



2. Primary conjugated antibodies





5. Out-license for potential Dx/Rx<sup>1</sup>



4. Content for platform partners<sup>1</sup>



3. Antibody pairs and Immunoassays





<sup>2.</sup> As of 31 December 2021



## We are now pushing faster into in-house platform innovation to deliver more quality at scale

#### Antibody development innovation:

#### 1. ENHANCED DISCOVERY

- Differentiated antibody discovery platform:
  - B-cell cloning
  - In vitro engineering
  - Next Generation Sequencing
- Higher innovation success rates

#### 2. SCALE VALIDATION

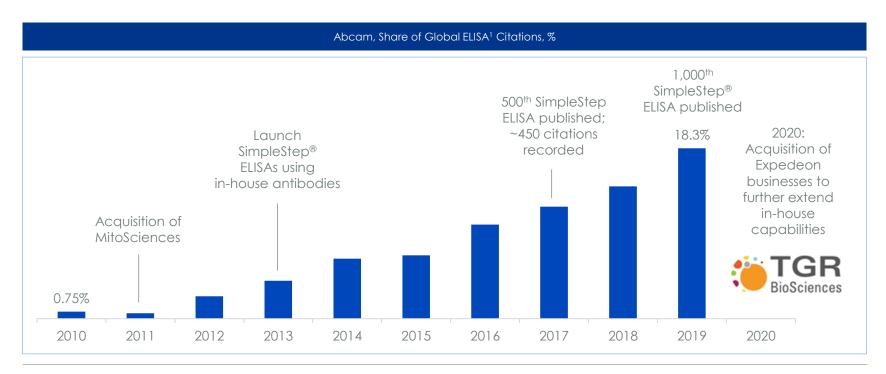
- Largest knockout CRISPR gene editing program in the industry
  - Over 3,500 products 1
- · Performance quality assured

#### 3. NPD THROUGHPUT

- 2-3k in-house products added pa<sup>1</sup>
- · Increasing efficiency and speed

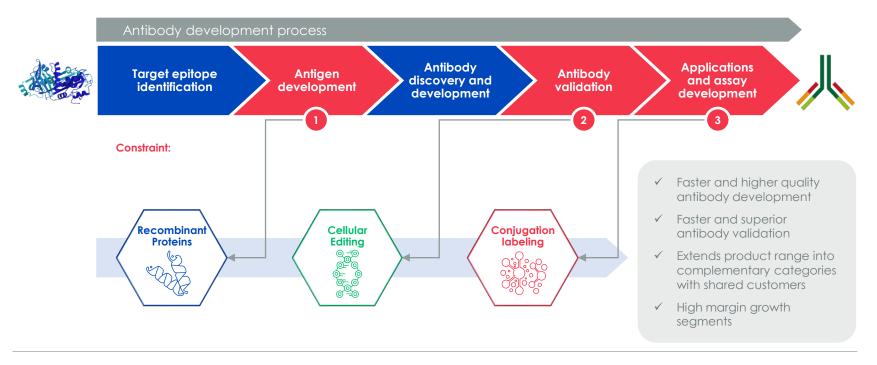


## Our immunoassay portfolio has developed over several years





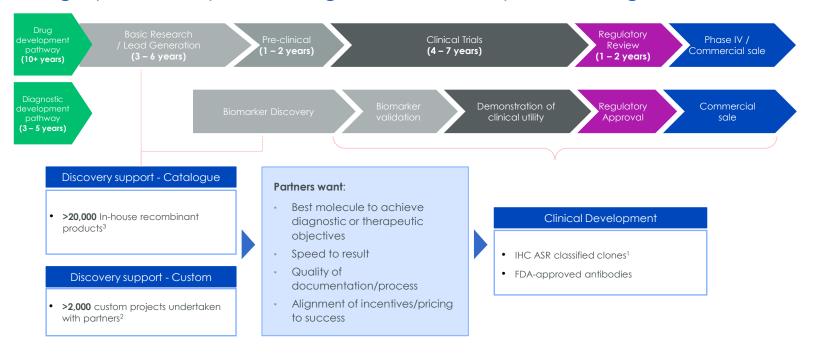
## We are moving into logical new business areas to further accelerate our innovation





Be a leading discovery partner for bio-pharmaceutical organizations

## Helping accelerate the transition from early discovery to clinical use through partnership with diagnostic and biopharma organizations



<sup>1.</sup> Analyte Specific Reagents ("ASR") are classified by the US FDA as antibodies and similar reagents which, through specific binding or chemical reaction with substances in a specimen, are approved for use in a diagnostic application by Clinical Laboratory Improvement Amendments of 1988 ("CLIA") approved labs for purposes of providing diagnostic information

Reflects total cumulative projects from 2013 to 2020

As of 31 December 2020.



Be a leading discovery partner for bio-pharmaceutical organizations

### Opportunity to access multi-year agreements in clinical applications

- Opportunity to earn multi-year revenue streams from each completed project
- Multiple framework agreements put in place over last 3 years with leading pharmaceutical and diagnostic companies
- Growing pipeline of projects under new terms with Dx/Rx partners
- Allowing Abcam to secure long-term royalties and greater customer exposure





## Be a leading digital company

#### Our digital goals:

- A highly personalized, digital relationship with customers
- A device agnostic, cloud-based platform, driven by artificial intelligence
- Enhanced ability to understand and anticipate researchers' needs



We see opportunity to change the customer experience, driving increased engagement, conversion and sales





Remove scalability constraints and sustain value

## Investing to remove constraints to our growth and to ensure the scalability of our business



## In-house innovation capabilities

New labs, equipment and teams



#### Digital experience and ecommerce

- Reinvention of our digital channel
- Personalization of the browsing and shopping experience
- Upgraded buying experience
- Scaling up Data/Analytics/Al



## Operational capacity and efficiency

- Expanding and improving global facilities
- New infrastructure and supply chain network improvements
- New engineering, technology and system enhancements



#### Other legacy IT

- Transforming our enterprise systems and processes
- Cloud based ERP replacing IT legacy systems

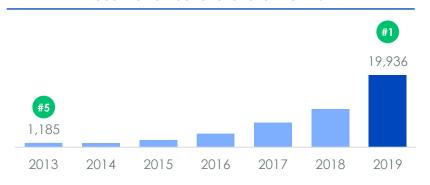
Strengthening global teams across all areas



## Investing in China to extend leadership

- More opportunities to get closer to customers
- Enhanced content localization
- Improved digital experience
- Complex sales enablement
- Enhanced facilities

#### Abcam's number of citations in China(1)



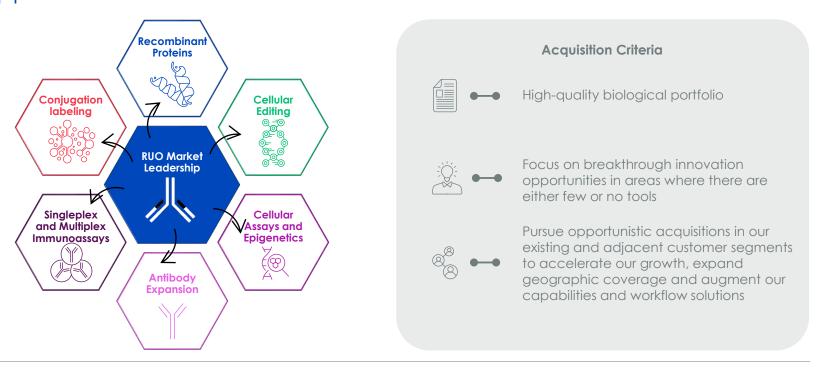


WeChat Educational Series



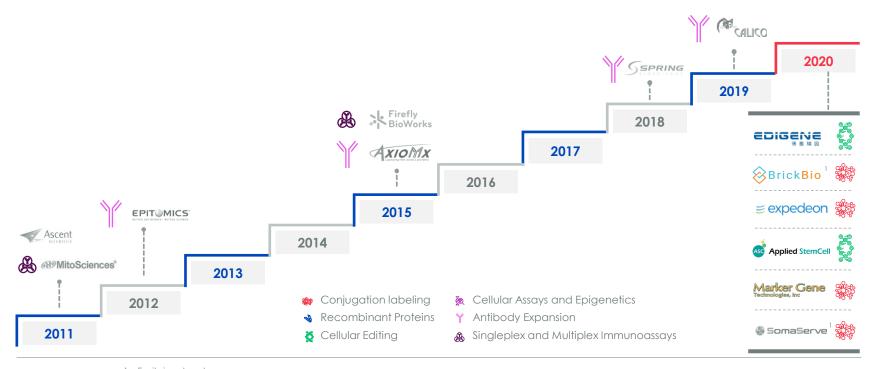
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## We focus on bolstering our organic strategy with strategic opportunities in related markets





## Strong track record of M&A discipline and integration





Investment in people

#### **Business Overview**

### We are prioritizing Opex investments to support growth

### **Growth Strategy** Margin Normalization Driven by Growth Strategy In-house innovation and R&D capabilities for faster and broader innovation Expansion of revenues through operations in high growth and high value markets Selectively pursue acquisitions Improving operating leverage Operational capacity and efficiency IT transformation to upgrade legacy systems Growth in portfolio of in-house products 3 with better margin profile due to expansion of in-house innovation and R&D capabilities



## Capital allocation strategy remains focused on generating long-term value

- Reinvestment in business to drive long term growth
- Invest in existing, core growth businesses:
  - Best-in-class antibodies
  - Differentiated, proprietary research reagents

- Capex in foundations to support scalable growth
- Increase scalability of core platform automation/footprint
- IT transformation: aiming to provide best-in-class customer experience and business systems
- Infrastructure improvements to better serve the customer base
- 3 Selective acquisitions aligned to core strategy
- Complementary portfolios of high-quality products
- Acquisitions that support or accelerate core growth strategy

4 Capital discipline

- · Disciplined, long-term investment approach to organic and inorganic investment
- Maintain a robust balance sheet
- Continued focus on ROCE



## We are committed to building a sustainable enterprise





## Summary Investment Case Durable mission and financial value creation

- Clear purpose and vision, with a talented team and strong culture
- Growth opportunities within a total addressable market of approximately \$8bn
- A strong business model well placed to extend our leading position in research use antibodies and related markets
- Appealing business fundamentals profitable and cash generative, providing capital to invest
- Disciplined organic investment plans developed to sustain and increase growth potential with attractive return profile, build the enterprise and deliver shareholder-value creation





# 2. H1 FY2021 Highlights



## Operational plans on track; return to revenue growth driven by in-house products

- Returned to growth against backdrop of reduced lab activity due to COVID-19
- Continued focus on supporting teams and customers through the pandemic
- Made operational and strategic progress on track with investment plans that position the company for durable growth going forward
- Long-term business fundamentals remain positive – attractive markets, profitable and cash generative business, providing capital to invest

Strategic Performance Indicators		
	In-house product revenue growth <sup>1,2</sup>	transactional Net Promoter Score (tNPS)
H1 2020	+13.8%	+52%
H1 2021	+25.6%	+59%



At constant exchange rates (CER, applying prior period's exchange rates to this period's results)

Catalogue products only (excludes CP&L)

#### H1 FY2021 Highlights

## Financial Highlights

6 months ended 31 December 2020 (£m) Adjusted Results <sup>1</sup>	H1 2021	H1 2020
Revenue	147.5	138.2
Gross profit margin	70.9%	69.7%
Operating costs excl. non-cash costs	62.7	48.1
Non-cash costs <sup>3</sup>	18.3	14.8
Total operating costs	81.0	62.9
Operating profit	23.6	33.4
Operating profit margin	16.0%	24.2%
Earnings per share (diluted)	8.1p	13.0p
Not a subject from a possible supplication	22.0	20.7
Net cash inflow from operating activities	33.9	39.6
Net cash	211.9	88.5

- Total revenue up 6.7% on a reported basis and 8.3% on a constant exchange rate (CER<sup>2</sup>) basis
- Gross margin up 120 basis points, benefitting from higher contribution of in-house products
- Adjusted operating profit margin of 16.0%, reflecting planned investments to support long-term strategy and the impact of COVID-19
- Strong net cash position of £211.9m reflects cash generation and net proceeds of £126.5m US Nasdaq IPO in October 2020
- Board continues to prioritise reinvestment to sustain growth and maximise long-term value creation

<sup>3.</sup> Total non-cash items including depreciation and amortisation and share-based payments



<sup>1.</sup> Adjusted figures exclude system and process improvement costs, acquisition costs, integration and reorganisation costs, amortisation of acquisition related intangible assets, the tax effect of adjusting items and certain individually significant tax items. Such excluded items are described as "adjusting items"

<sup>2.</sup> Constant exchange rate (CER)

#### H1 FY2021 Highlights

## Revenue growth driven by in-house innovation

		_	% Cha	nge
6 months ended 31December (£m)	H1	Н1		
	2021	2020	Reported	CER <sup>1</sup>
Catalogue				
In-house	73.3	59.1	24.0%	25.6%
Third-party	65.7	71.5	(8.1%)	(7.0%)
Catalogue sub-total	139.0	130.6	6.4%	7.8%
Custom Products & Services	2.7	3.3	(18.2%)	(16.7%)
IVD	2.6	1.4	85.7%	94.2%
Royalties and Licenses	3.2	2.9	10.3%	15.6%
Custom Products and Licensing (CP&L) sub-total	8.5	7.6	11.8%	15.9%
			. ===	
Total revenue	147.5	138.2	6.7%	8.3%

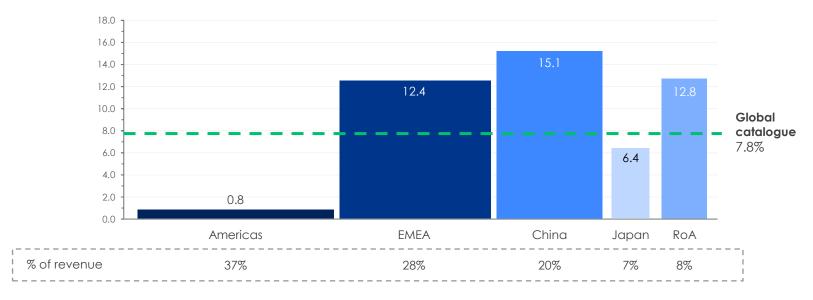
- Growth driven by sales of proprietary inhouse products, which increased 25.6% (CER)
  - contributed 53% of total catalogue revenue, up 8% pts (H1 2020: 45%)
- Including CP&L, in-house product revenue contributed 55% of total revenue (H1 2020: 48%)
- Strong growth in IVD revenue after impact of delayed orders in prior year
- Positive performance from royalties and licenses

<sup>1.</sup> Constant Exchange Rate (CER)



## Regional revenue performance reflects COVID-19 dynamics





1. Catalogue revenue growth at constant exchange rates (applying prior period's exchange rates to this period's results)



#### H1 FY2021 Highlights

## Cash flow analysis

## Cash generation and strong cash position support reinvestment in growth

6 months ended 31 December 2020 (£m)	H1 2021	H1 2020
Operating cash flows before w/c	38.9	41.3
Change in working capital	(5.2)	4.2
Cash generated from operations	33.7	45.5
Tax paid	0.2	(5.9)
Investing activities	(22.8)	(18.8)
Financing activities	15.0	83.6
Net change in cash and term deposits	26.1	104.4
Effect of FX	(1.5)	(1.6)
Opening cash and term deposits	187.3	87.1
Closing cash and term deposits	211.9	189.9
Debt at period end	-	101.4
Free Cash Flow <sup>1</sup>	6.6	20.0
Cash conversion ratio <sup>2</sup>	97%	105%
Capex to revenue	17.0%	12.4%

#### Main investing activities:

- Capex of £25.1m (H1 2020: £17.1m), including:
  - Global footprint enhancements: £8.5m
  - Product development: £4.5m
  - ERP/Digital: £8.2m
- Capex expected to moderate as % of revenue from next fiscal year

#### Main financing activities:

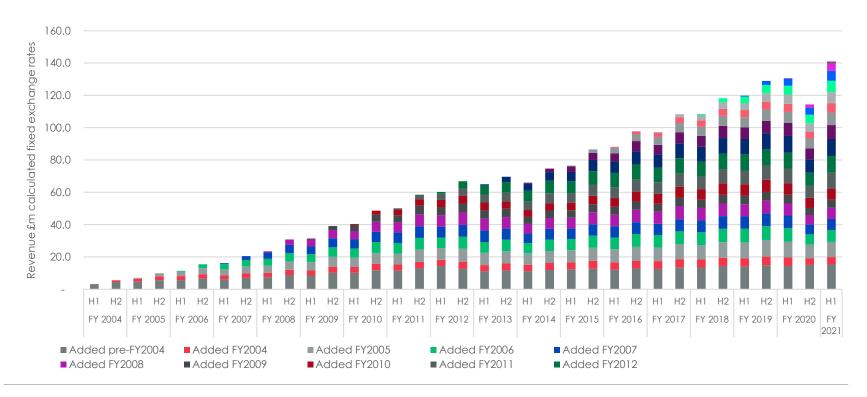
- RCF repayment of £107.0m
- Issue of new shares in conjunction with Nasdaa IPO in October, raising £126.5m



## Additional Information

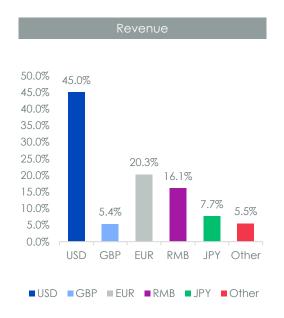
i. Product Cohort Data and FX splits

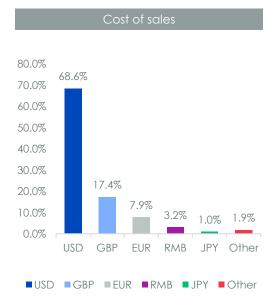
## Cohort catalogue revenue by financial year

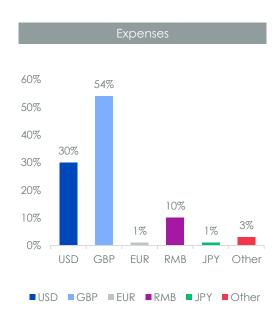




## H1 FY2021 breakdown by currency









ii. IFRS Reconciliations

#### **Additional Information**

## Adjusted Operating Profit Reconciliation

	H1 2021 £m	H1 2020 £m
Profit for the year	11.7	26.1
Tax (credit)/charge	2.1	(0.1)
Finance Income	(0.2)	(0.5)
Finance costs	1.9	1.1
System and process improvements costs <sup>(a)</sup>	1.8	2.1
Integration and reorganisation costs <sup>(b)</sup>	1.9	-
Acquisition costs(c)	-	1.3
Amortisation of acquisition intangibles <sup>(d)</sup>	4.4	3.4
Adjusted Operating Profit (f)	23.6	33.4
Adjusting items:		
Systems and process improvement costs (ERP)	(1.8)	(2.1)
Integration and reorganisation costs	(1.9)	-
Acquisition related costs	-	(1.3)
Amortisation of acquisition intangibles	(4.4)	(3.4)
Reported Operating Profit	15.5	26.6

- a) Comprises costs of the ERP implementation which do not qualify for capitalisation. Such costs are included within selling, general and administrative expenses.
- b) Integration and reorganisation costs relate partly to the integration of the acquired Expedeon business (comprising mainly retention and severance costs as well as employee backfill costs for those involved in the integration and consultancy costs) and reorganisation costs in respect of alignment of the Group's operational structure and geographical footprint to its strategic goals. Included within these costs are £0.6m of depreciation costs. Such costs are included within selling, general and administrative expenses.
- c) Comprises legal and other professional fees associated with the acquisition of the Expedeon business. Such costs are included within selling, general and administrative expenses.
- d) £3.2m (2019: £2.2m) of amortisation of acquisition intangibles is included within research and development expenses, with the remaining £1.2m (2019: £1.2m) included within selling, general and administrative expenses.



#### Additional Information

### Free Cash Flow Reconciliation

	H1 2021 £m	H1 2020 £m
Net cash inflow from operating activities	33.9	39.6
Purchase of property, plant and equipment	(11.5)	(7.9)
Purchase of intangible assets	(13.6)	(9.2)
Transfer of cash from / (to) escrow in respect of future capital expenditure	0.4	0.1
Reimbursement of leasehold improvement costs	1.7	-
Principal and interest in respect of lease obligations	(4.3)	(2.6)
Free Cash Flow (a)	6.6	20.0



a) Free Cash Flow comprises net cash inflow from operating activities less net capital expenditure, transfer of cash from/(to) escrow in respect of future capital expenditure and the principal and interest elements of lease obligations. Free Cash Flow is included in this presentation because it is a key metric used internally to assess our liquidity. Free Cash Flow is not an IFRS measure of our financial performance and should not be considered as an alternative to net cash inflow from operations as a measure of liquidity, or as an alternative to any other performance measure derived in accordance with IFRS.

iii. American Depositary Receipt (ADR) Information

## American Depositary Receipt (ADR) Programme

- Abcam offers investors the opportunity to invest through its American Depository Receipt (ADR) programme
- Abcam's ADRs are listed on Nasdaq:

ADR Symbol	ABCM <sup>1</sup>
CUSIP	000380204
Ratio	1:1
DR ISIN	US0003802040
Underlying ISIN	GB00B6774699
Depository bank	Citi

- Note: Due to Abcam's AIM listing, Stamp Duty Reserve Tax (SDRT) is not payable on the conversion of Ordinary Shares to ADRs
- For questions about creating Abcam ADRs, please contact Citi:

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