

July 19, 2024

BSE Limited,Floor 25, P. J. Towers
Dalal Street, Fort **Mumbai - 400 001**

Mumbai - 400051

Bandra (E),

National Stock Exchange of India Limited,

Exchange Plaza, Bandra-Kurla Complex,

Scrip Code: 530019 Symbol: JUBLPHARMA

Dear Sirs,

Sub: Press Release alongwith Earnings Presentation

Ref: Regulation 30 of SERI (Listing Obligations and Disclosure)

Ref: Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 ("Listing Regulations")

Pursuant to Provisions of Regulation 30 of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find herewith the Press Release along with presentation on the financials and performance of the Company for the quarter ended June 30, 2024.

The above mentioned documents will be simultaneously posted on the Company's website at www.jubilantpharmova.com.

You are requested to kindly take the same on record.

Thanking you,

Yours faithfully,
For Jubilant Pharmova Limited

Naresh Kapoor

Company Secretary

Encl: as above

A Jubilant Bhartia Company



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CIN: L24116UP1978PLC004624



Jubilant Pharmova Limited

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PRESS RELEASE
Noida, July 19, 2024

JUBILANT PHARMOVA - Q1'FY25 RESULTS

Sustaining growth momentum, EBITDA margin expansion & Net debt/EBITDA reduction

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Total Income	1,596	1,773	1,746	9%
EBITDA	177	289	266	50%
EBITDA Margin (%)	11.1%	16.3%	15.2%	410 bps
Reported PAT	6	(62)	482	
Normalised PAT	6	61	69	1,055%

^{1.} Normalised PAT is after adjusting for exceptional items

The Board of Jubilant Pharmova Limited met today to approve financial results for the quarter ended June 30, 2024.

Q1'FY25 Financial Highlights

In Q1'FY25, Total income grew by 9% on a YoY basis to Rs. 1,746 Cr. on the back of growth in Ruby-Fill® and new product sales in radiopharmaceuticals, volume growth in radiopharmacies, continued growth momentum in Allergy Immunotherapy business and CDMO Sterile Injectables. EBITDA grew by 50% on a YoY basis to Rs. 266 Cr. due to improved performance across all businesses, Radiopharma, Allergy Immunotherapy, CDMO Sterile Injectables, CRDMO and Generics. Q1'FY25 reported PAT stands at Rs. 482 Cr. Q1'FY25 normalised PAT increased by 1,055% on a YoY basis to Rs. 69 Cr. on the back of improved operating performance.

In June 24, consequent to the receipt of stake sale proceeds in Sofie Biosciences Inc., totaling up to USD 115.9 million, the company made a voluntary debt repayment of USD 75 million, equivalent to Rs. 626 Cr. Correspondingly, net debt has gone down to Rs. 1,869 Cr. from Rs. 2,509 Cr. as on Mar'24. Net debt/ EBITDA also improved to 1.7x from 2.5x as on Mar'24.

Driving future growth by investing USD 50 million to add six (6) sites in PET Radiopharmacy Network

Jubilant Draximage Inc., a subsidiary of the Company's wholly owned subsidiary Jubilant Pharma Limited, announced an investment of USD 50 million to expand its PET radiopharmacy network by adding six (6) PET radiopharmacies in strategic locations throughout the United States. This investment shall position the company in the growing PET Imaging segment and shall also enable it to secure long term contracts with the leading PET radiopharmaceutical manufacturers. The new PET radiopharmacies shall be fully operational in FY28.

Investing in Green Energy

The Company has embarked on a renewable energy implementation journey across its facilities in India to enable a reduction in both, cost and carbon footprint. In Q1'FY25, the Company's subsidiary, Jubilant Biosys Limited entered



into a power purchase agreement and Security subscription and shareholder agreement with Isharays Energy Two Private Limited, for the purchase of renewable energy generated through captive power arrangement for its facilities located in Noida and Greater Noida. In January this year, the company approved a similar investment to access renewable power through a captive arrangement for its facilities located in Karnataka, India.

Segmental Business Performance

Radiopharma - Leading Radiopharmaceutical manufacturer & 2nd largest Radiopharmacy network in the US

Radiopharmaceuticals Q1'FY25 revenue grew by 28% YoY to Rs. 262 Cr. and EBITDA grew by 35% YoY to Rs. 126 Cr. The business continues to maintain leadership in the high margin SPECT imaging product portfolio. Ruby-Fill® installations are accelerating. A new product, Sulfur Colloid is getting traction. The dosing for Phase 2 clinical trials for MIBG has been completed. Overall, the business is on track to introduce multiple new products in the medium term. Radiopharmacy Q1'FY25 revenue grew by 17% YoY to Rs. 570 Cr. and EBITDA grew by 617% YoY to Rs. 13 Cr. The proposed investment of USD 50 million will expand the company's PET radiopharmacy network to nine (9) sites and overall radiopharmacy network to fifty two (52) sites, thereby solidly positioning Jubilant Pharmova's radiopharmacy network as the second largest in the US and driving the future business growth.

Allergy Immunotherapy - No. 2 in the US Sub-Cutaneous allergy immunotherapy market

Q1'FY25 revenue grew by 11% YoY to Rs. 168 Cr. and EBITDA grew by 26% YoY to Rs. 63 Cr. As a sole supplier of Venom in the US, the business is expanding the overall market by increasing customer awareness. In the US Allergenic extracts, the business continues to gain market share. The business is also making inroads in the markets outside of the US.

CDMO Sterile Injectables

Q1'FY25 revenue grew by 27% YoY to Rs. 324 Cr. and EBITDA grew by 40% YoY to Rs. 57 Cr. The capacity expansion program in Spokane, Washington, USA is on track with respect to time and cost. Line 3 and Line 4 are expected to start commercial production in FY26 and FY28 respectively.

CRDMO

Q1'FY25 revenue stood at Rs. 243 Cr with EBITDA margins at 16 %.

In the Drug Discovery business, medium term outlook continues to be positive on the back of the anticipated Biosecure Act. In the short term, the business is trying to diversify its customer base and in the medium term, it is adding the 'development' capabilities in addition to research and manufacturing. As disclosed earlier, we added two large pharma companies as our clients in Q4'FY24. We expect the revenue from these two new large pharma clients to increase from H2'FY25 onwards.

In the API business, revenues decreased YoY due to change in the product mix. EBITDA margins improved YoY due to cost optimisation efforts.

Generics

In the Generics business, the closure of manufacturing operations at the solid dosage formulation facility at Salisbury, Maryland, US has been completed in Q1'FY25. We are building a network of CMOs that shall support us in manufacturing select profitable products through low-cost & strategic locations.



Also, following the status change of the Solid dosage formulation facility at Roorkee, the exports to the US market are expected to increase in a meaningful and gradual manner. The business plans to launch 6 to 8 new products per annum in the US and other International markets. In Q1'FY25 revenue stood at Rs. 156 Cr. The company aims to reach EBITDA breakeven within FY25 and then further improve the profitability in the medium term.

Proprietary Novel Drugs

For JBI-802, our lead program, Phase 1 clinical data established safe dosage and further, dose dependent platelet effect was seen in the clinic at higher doses, establishing application in Essential Thrombocythemia (ET) and other Myeloproliferative Neoplasms (MPN). In light of these, we are starting a Phase II clinical trial to treat ET and MPN patients with thrombocytosis. The Phase I trial also showed an anti-tumour response in two lung cancer patients at the low dose of 10mg without platelet reductions. One patient with Non-small cell lung Cancer, having STK11 mutations showed significant response on JBI-802, while not responding to previously administered doublet IO therapy. Generally, the survival rate is very low in such cases, however, the patient has responded well to JBI-802. Additional investigator led clinical trials in NSCLC and post MPN AML are being discussed with multiple institutions to obtain larger patient data.

About Jubilant Pharmova Limited

Jubilant Pharmova Limited (formerly Jubilant Life Sciences Limited) is a company with a global presence that is involved in Radiopharma, Allergy Immunotherapy, CDMO Sterile Injectables, Contract Research Development and Manufacturing Organisation (CRDMO), Generics and Proprietary Novel Drugs businesses. In the Radiopharma business, the Company is involved in the manufacturing and supply of Radiopharmaceuticals with a network of 46 radiopharmacies in the US. The Company's Allergy Immunotherapy business is involved in the manufacturing and supply of allergic extracts and venom products in the US and in some other markets such as Canada, Europe and Australia. Jubilant through its CDMO Sterile Injectables business offers manufacturing services including sterile fill and finish injectables (both liquid and lyophilization), full-service ophthalmic offer (liquids, ointments & creams) and ampoules. The CRDMO business of the Company includes the Drug Discovery Services business that provides contract research and development services through two world class research centers in Bengaluru and Noida in India and the CDMO-API business that is involved in the manufacturing of Active Pharmaceutical Ingredients. Jubilant Therapeutics is involved in the Proprietary Novel Drugs business and is an innovative biopharmaceutical company developing breakthrough therapies in the area of oncology and auto-immune disorders. The Company operates multiple manufacturing facilities that cater to all the regulated markets including USA, Europe and other geographies. Jubilant Pharmova Limited has a team of around 5,500 multicultural people across the globe. The Company is well recognised as a 'Partner of Choice' by leading pharmaceuticals companies globally.



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Disclaimer

Statements in this document relating to future status, events, or circumstances, including but not limited to statements about plans and objectives, the progress and results of research and development, potential product characteristics and uses, product sales potential and target dates for product launch are forward-looking statements based on estimates and the anticipated effects of future events on current and developing circumstances. Such statements are subject to numerous risks and uncertainties and are not necessarily predictive of future results. Actual results may differ materially from those anticipated in the forward-looking statements. Jubilant Pharmova may, from time to time, make additional written and oral forward looking statements, including statements contained in the company's filings with the regulatory bodies and its reports to shareholders. The company assumes no obligation to update forward-looking statements to reflect actual results, changed assumptions or other factors.





Disclaimer



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Jubilant Bhartia Group - Snapshot



Jubilant Bhartia Group founded by Shyam S. Bhartia and Hari S. Bhartia, leading industrialists from India





Strong presence in diverse sectors like Pharmaceuticals, Life Science Ingredients, Contract Research & Development Services and Therapeutics, Performance Polymers, Food Service (QSR), Food, Auto, Consulting in Aerospace and Oilfield Services



Global presence through investments in India, USA, Canada, Europe, Singapore, Australia, Africa, China, Sri Lanka and Bangladesh



Employs around 46,000 people across the globe with ~2,200 in North America

Company Snapshot



A global pharmaceutical company with strong team of approx. 5,500 multicultural people & Revenue at Rs. 6,703 Cr. (FY24)

1

Radiopharma



- Leading
 Radiopharmaceutical manufacturer in the
 US
- 2nd largest network in the US with 46 radiopharmacies
- FY 24 Revenue: Rs. 3,001 Cr.

2

Allergy Immunotherapy



- # 2 Player in the US Allergenic extract market.
- Sole supplier of Venom Immunotherapy in the US
- FY24 Revenue: Rs. 679 Cr.

3

CDMO Sterile Injectables



- Leading contract manufacturer of Sterile Injectables in North America
- Serves top global pharmaceutical companies
- FY24 Revenue: Rs. 1,117 Cr.

4

CRDMO



- Fully integrated drug discovery and development services provider
- Strong API player in CVS & CNS therapeutic areas
- FY24 Revenue: Rs. 1,093 Cr.

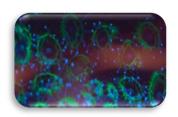
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GENERICS



- Serves regulated markets including US and select international markets, and building presence in India
- Products across CVS,
 CNS and other
 therapeutic areas
- FY24 Revenue: Rs. 775 Cr.

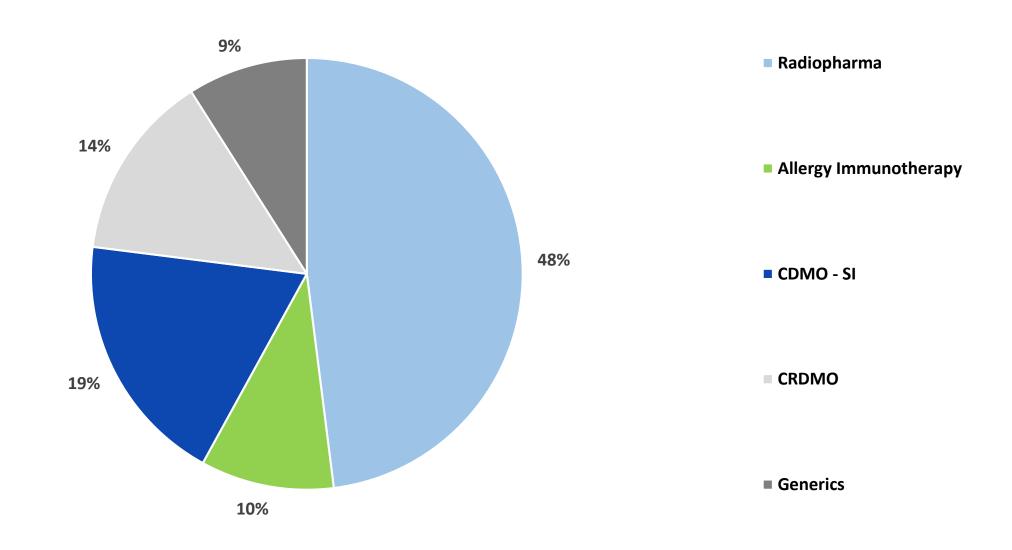
PROPRIETARY NEW DRUGS



- High potential programs in
 Oncology & Auto immune disorders
- Mid-stage biotech with one asset in Phase 2 and another in Phase I clinical trial
- Pre-revenue stage

Revenue Split - Q1 FY25 (BU wise)





Global Manufacturing & Research Footprint



World class manufacturing facilities, 2 state of the art research centers & 46 radiopharmacies



Kirkland, Montreal, Canada CDMO – Sterile Injectables



Kirkland, Montreal, Canada Radiopharmaceuticals



Spokane, Washington, USA CDMO – Sterile Injectibles



Spokane, Washington, USA Allergy Immunotherapy















INDIA

Roorkee, Uttrakhand, India Generics









Bengaluru, Karnataka Drug discovery

Jubilant Pharmova - Q1'FY25



Announced Strategic Investments; Improved overall financial performance YoY

1

INNOVATE

Radiopharma



- Continued growth momentum in new product, Sulfur Colloid and Ruby-Fill®
- To drive future growth by investing USD 50 Mn to add Six (6) PET Radiopharmacies throughout the US

2

STRENGTHEN

Allergy Immunotherapy



- Continue to gain share in the US Allergenic extracts
- Continue to grow revenue & presence in outside US markets
- Continue to improve EBITDA margins YoY

3

GROW

CDMO Sterile Injectables



- Uniquely positioned to take advantage of demand supply gap in the US Injectable market
- Capacity expansion on track. Commercial production to start on Line 3 in Spokane in FY26

4

BUILD

CRDMO



- Uniquely positioned to take advantage of Biosecure act
- Continue to focus on adding large Pharma companies as clients
- Focus on cost optimization in API

5

STEER

GENERICS

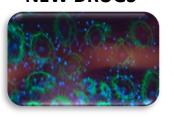


- Manufacturing operations closed at Salisbury, US. Transfer to CMO's underway.
 Plans to start exports to US through Roorkee facility in H2'FY25
- Continue growth in profitable Non-US International business

6

DISCOVER

PROPRIETARY NEW DRUGS



- Phase 1 data for JBI-802 indicated therapeutic potential.
 Preparing for Phase 2 trials and investigator led trials in JBI-802
- To explore institutional funding post early phase 2 data



Growing role in treatment of life threatening diseases

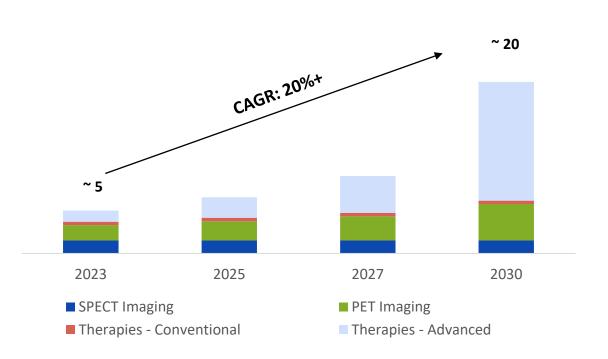
- Radiopharmaceutical is a combination of radioactive isotope and pharmaceutical drug
- Radiopharmaceuticals are used to diagnose and to treat life threatening diseases e.g. Cancer, Cardiac disorders, Neurological disorders
- There are 3 type of procedures that use radiopharmaceuticals
 - **SPECT Imaging**
 - **PET Imaging**
 - **Therapeutics**

	Single-photon Emission Computed Tomography (SPECT Imaging)	Positron Emission Tomography (PET Imaging)	Radiopharmaceutical Therapeutics (Tx)
Description	 Uses "low-energy" radio isotopes that emit gamma rays, detected by SPECT cameras 	Uses "high energy" radio isotopes that emit positrons, detected by a PET scanner	 Radiation is systemically or locally delivered using pharmaceuticals that either bind preferentially to targeted cells or accumulate physiologically
Key Facts	 Longer half-lives Images blood flow Specialized but legacy products, > 90% generics 	 Shorter half-lives Images blood flow and metabolic processes Superior image quality Mostly innovative, few generics 	 Specialized / new generation isotopes Targeted therapies with higher efficacies Minimal off target toxicity vs. conventional treatments
Market trends	Large and Stable marketRobust supply chain management	High growth marketMore expensive vis-à-vis SPECT	 High no. of clinical trials in the space Accelerating M&A activity in therapeutics space with multiple > USD 1 Bn. deals in 2023
Key Products & Isotopes	 MAA, DTPA, Exametazime, Sulfur Colloid, Mertiatide Isotopes - Tc99 	 Ruby-Fill ®, Pylarify, Illuccix, Neuraceq, FDG Isotopes - Rb82, F18, Cu64 	 Products - HICON® Sodium Iodine I 131, Pluvicto, Lutathera Isotopes - Lu177, Ac225, Pb202
Mode of Operation			Radiospharmaceutical Residuative Linker Vagering Vagering Composition



US radiopharmaceutical market is expected to reach approx. USD 20 Bn. by 2030, growing at a CAGR of 20 %+

US Radiopharmaceutical Market (USD Bn.)



Growth Drivers and Key Trends

- Growth driven by superior imaging and therapeutics profiles, new emerging isotopes with low off target toxicity and increasing use cases for un-met needs
- PET imaging market growth is fueled by novel products, e.g., PSMA sales has exceeded USD 1 Bn. in <2 years of launch. PET market growth is driven by
 - Strong fundamentals such as better imaging, significantly lower false negatives and faster examination time
 - Applications extending beyond oncology, such as Cardiology scans, Alzheimer's
- Advanced Radiopharmaceutical Therapy market is witnessing launch of differentiated, high value and high efficacy products e.g. Pluvicto used for Prostate Cancer exceeding USD 1 Bn. sales.
 - Favorable pharmacological profile with lower toxicity and higher efficacy, especially in areas with un-met needs
 - New / emerging isotope profiles with targeted effects and lower off target impacts, such as Lu177 and Ac225
 - Application in therapeutic areas beyond oncology such as Neurological conditions, e.g. Alzheimer's

JUBILANT PHARMOVA

Consolidated market with high entry barriers





We are one of largest manufacturer in the addressable market in the US with a wide radiopharmaceutical portfolio

Organ	Туре	Product	Key Indication
Lung	SPECT	Tc99m-DTPA	Pulmonary Embolism
Lung	SPECT	Tc99m-MAA	Pulmonary Perfusion
Thyroid	SPECT	I-131	Localizing metastases associated with thyroid malignancies
	Tx	I-131 HICON®	Hyperthyroidism, Selected cases of Carcinoma of Thyroid
	PET	Ruby - Fill ®	Coronary Artery disease
Cardiac	SPECT	Tc99m-Gluceptate	Cardiac blood pool Imaging
	SPECT	Tc99m-Sestamibi	Coronary Artery disease
Breast	SPECT	Sulfur Colloid	Localization of metastatic lymph nodes, imaging of liver, spleen
Gastrointestinal	SPECT	Tc99m-Exametazime	Intraabdominal Infection
Renal	SPECT	Tc99m-Mertiatide	Renal failure, Urinary tract obstruction
Muscoskeletal	SPECT	Tc99m-MDP	Delineate areas of altered osteogenesis

Key Differentiators

- Diversified product portfolio spread across SPECT & PET diagnostics and growing therapeutics
- High profitability owing to efficient cost structure, in-house APIs and robust supply chain management
- Partner of choice for leading customers owing to innovative products with superior profile vs. competitors and best in class customer service, e.g. Proprietary Ruby-Fill ® technology for Cardiac Imaging
- On-shore manufacturing facility in Montreal with high quality track record and ability to manage complex processes
- Strong R&D capabilities, continuously feeding the product pipeline to enable frequent market launches

Market leadership in select products - MAA, DTPA and I-131



Draximage ® MAA



MAA is used in the perfusion phase of a ventilation/perfusion (V/Q) scan to diagnose pulmonary embolism. JDI is market leader in the US market

Draximage ® DTPA



DTPA is used to assess pulmonary ventilation function in association with MAA to perform a Ventilation/perfusion (V/Q) scan. JDI is the sole supplier in the US market

HICON® Sodium Iodine I 131 Solution USP

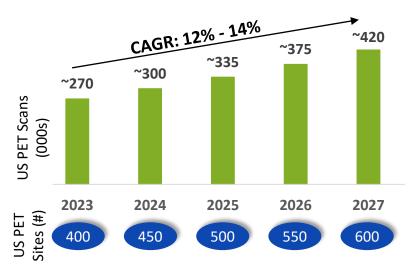


HICON® is a radioactive therapeutic agent indicated for the treatment of hyperthyroidism and selected cases of carcinoma of the thyroid. JDI has no direct competition in the US market



Innovation Leadership in Ruby - Fill ®, Gaining market share consistently

Growing Cardiac PET Market in the US



Source : Company Estimates

Growth Drivers and Key Trends

- Superior product profile vs. SPECT scans
- Improved reimbursement landscape and diagnostic infrastructure
- Lower half lives vs. SPECT products leading to lower hospital burden

Ruby-Fill ® Rubidium 82 generator and Elusion System



- The RUBY-FILL® Rubidium 82 Generator contains accelerator produced Strontium-82, which decays to Rubidium-82 (Rb-82). It is used for Cardiac PET scan, a non-invasive imaging procedure of the myocardium, to evaluate regional myocardial perfusion in adults with suspected or existing coronary artery disease.
- Ruby-fill is installed in top 80% US Cardiac networks and is positioned to further increase market share
- Lower cost vs. competition driven by higher shelf life of generators, hence driving more scans per generator
- Better Image quality due to patented feature of saline push dosing, significantly increasing Rb-82 activity delivered to the heart
- Consistent image quality due to proprietary constant activity mode, plus patient weight based dosing

JUBILANT PHARMOVA

Ruby-Fill® and Robust product pipeline to fuel future business growth



Ruby-Fill® Growth potential

- Gain market share in the growing US cardiac PET market
- Scale ex-US markets such as Europe, Canada, etc.



PET & SPECT Product Pipeline

- Target to launch new products in PET Imaging with an addressable market at ~ USD 500 Mn.
- Pipeline in SPECT Imaging with an addressable market at ~ USD 50 Mn.



Development of therapeutic product - MIBG

 Completed patient dosing for Phase II clinical trials for MIBG. Expect launch for relapse / refractory Neuroblastoma (~ 400 patients per annum) in CY 2026.



Driving revenue growth

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	204	256	262	28%
EBITDA	93	126	126	35%
EBITDA Margin (%)	46%	49%	48%	240 bps

- Q1'FY25 revenue grew YoY on the back of **new products sales** in **Sulfur colloid** and growth in **Ruby-Fill**®
- Q1'FY25 **EBITDA** increased YoY on the back of increase in revenue



US Radiopharmacy market is expected to grow on the back of novel PET & Therapeutic products

SPECT Radiopharmacy



PET Radiopharmacy





Growth Drivers and Key Trends

- Radiopharmacy dispenses and distributes radiopharmaceutical products
- Consolidated market in US with top 3 radiopharmacy networks dispensing and distributing 70%+ products
- Increasing demand of novel PET diagnostics product, e.g., Cyclotron based pharmacies for F-18 PSMA, Alzheimer's products. Additionally, SPECT pharmacies can handle generator based PET products, e.g., Ga-68 PSMA
- Therapeutics dispensing share of pharmacy networks expected to grow, driven by Stringent USP 825 regulations. Most clinics and hospitals don't want to invest in the clean room infrastructure for dispensing. Additionally, big pharma companies have limited capabilities in the distribution and handling wastes of radioactive materials
- Emerging radioisotopes landscape such as Rb-Sr, Ga-68, Cu-64, Lu-177, Ac-225 are leading to development of new PET Imaging and Theranostic products which will further fuel radiopharmacy share of dispensing and distributing these products.

1. USP develops uniform minimum standards for the preparation, compounding, dispensing, and repackaging of radiopharmaceuticals

Consolidated market with high barriers to entry

JUBILANT PHARMOVA

Consolidated Market

	# of radio pharmacies in the US	SPECT pharmacies	PET pharmacies	# of hospitals served in the US
Cardinal Health [™]	160+	✓	✓	~ 4,100
JUBILANT RADIOPHARMA	46	✓	✓	~ 1,800
SIEMENS Healthineers PETNET Solutions	41		✓	~ 700
🂢 RLS 👲	31	✓		~ 900
PharmaLogic Take The Lead	42	✓	✓	~ 200
SOFIE	14		✓	~ 200

Barriers to Entry

- Stringent Regulations
 Each treatment site is required to obtain a license from Nuclear Regulatory Commission and comply with additional state, local, and hospital regulations for transportation and usage
- Intricate Supply Chain
 A robust supply chain is required given short product halflives and strong customer preference for just-in-time
 ordering, compared to large bulk orders
- Complex Care Coordination

 Requires awareness, education, and collaboration across multiple hospital departments

Skilled Manpower Requirement

Authorized nuclear pharmacists require at least 4,000 hours of training or experience in nuclear pharmacy practice along with rigorous examinations

2nd largest radiopharmacy network in the US





46

nuclear pharmacies including SPECT and PET



1,800

number of hospitals catered

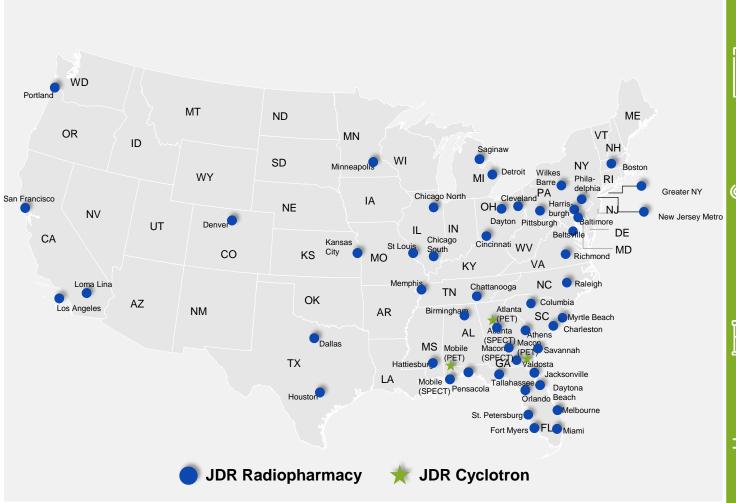


6 customized doses delivered

every minute



99%+
on-time
deliveries





USP<825>

JDR network is USP 825 compliant.



>100

radiopharmaceutical drugs in the Industry pipeline providing revenue growth visibility



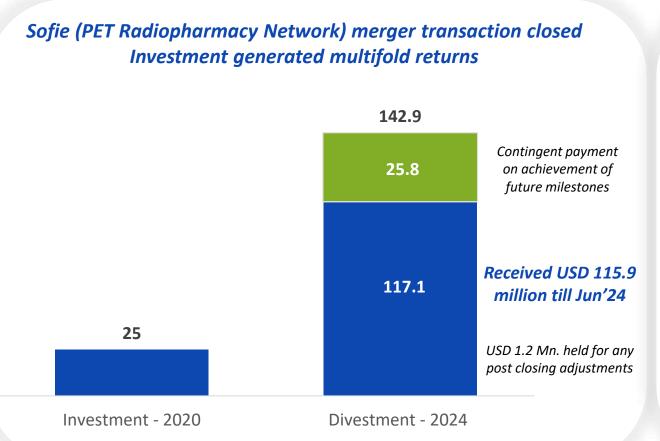
Expansion of PET network over the next 3-5 years



Drug manufacturers increasingly prefer distribution of radio therapeutics through radiopharmacies



Sofie transaction closed; Investing in PET radiopharmacy network throughout the US to drive growth & profitability



Plans to invest USD 50 million to strengthen PET radiopharmacy network to drive growth & profitability

- Plans to invest USD 50 million to expand PET radiopharmacy network by adding Six (6) sites in strategic locations throughout US.
- Investment shall position the company in the growing PET Imaging segment and shall also enable the company to secure long term contracts with leading PET radiopharmaceutical manufacturers.
- New PET radiopharmacies to be fully operational by FY28. Funding through internal accruals and long term credit.

Strengthening position by expanding PET radiopharmacy network to Nine (9) sites through out the US

JUBILANT PHARMOVA

Expand Radiopharmacy network, Ride on volume & new product led industry growth



Radiopharmacy Network Expansion

- Expand PET radiopharmacy network by adding six (6) PET radiopharmacies in strategic locations throughout United States.
- Evaluate opportunity to expand SPECT radiopharmacy network.



New Product led volume growth

- Drive revenue on the back of increased volume for new products
- Increase market share across
 Group purchasing organizations,
 Integrated delivery networks and independents hospitals



Enhance Operational Efficiencies

- Further strengthen performance on key pharmacy operational metrics
- Continue to improve sourcing efficiency





Volume to drive revenue growth & operational efficiency to drive margin expansion

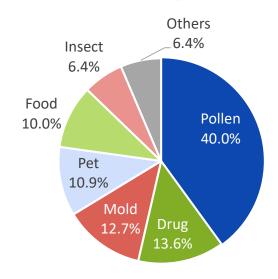
Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	487	561	570	17%
EBITDA	2	38	13	617%
EBITDA Margin (%)	0%	7%	2%	190 bps

- Q1'FY25 revenue grew YoY on the back of increase in volume from new products
- Q1'FY25 EBITDA increased YoY on the back of increase in volume & improvement in operational efficiency
- Q4'FY24 EBITDA margins were higher due to impact of seasonality in the business



Global market poised to reach USD 3 Bn. by 2028, growing at a CAGR of ~ 7%

Most Common Allergies in US (2023)



Allergy Burden in the US*



> 50 Mn.

Americans suffer from some type of an allergy annually



82%

respondent allergy patients agree that it affects quality of life



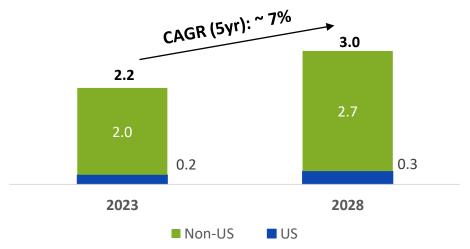
14%

Respondents reported hospitalization due to allergy reactions



>50
Deaths in US in a year due to
Anaphylaxis

Global Allergy Immunotherapy Market (USD Bn.)



- Allergy immunotherapy (AIT) refers to the treatment for allergic reactions against a variety of allergens including Pollen, Mold, PET dander, Food & Insect (treated by venom immunotherapy) etc. In this treatment, repeated shots of allergic antigens are provided to develop immunity and eventually cure allergy over a period of time.
- There are two kinds of delivery mechanisms Sub Lingual and Sub Cutaneous

Growth Drivers

- Increasing allergy cases
- Awareness of allergy treatment
- Advancement in treatment options



Jubilant is #2 player in the US Sub-Cutaneous Allergy Immunotherapy market with strong entry barriers

Strong Entry Barriers

- Highly concentrated US market with well established players
- Raw material comprising natural extracts / organisms involve a complex supply chain from sourcing to processing.
- Grandfathered approvals with any new product needing a Biologic License Approval which is more complex than small molecule drug approval.
- In order to succeed, New Entrant has to offer a complete portfolio of products, which shall entail significant investment, development and approval lead times.

Key Differentiators

- # 2 player in the US SCIT allergy market & Sole Supplier of Venom immunotherapy in the US since 2018.
- Product portfolio includes 6 different Insect Venom products, 200+ allergenic extracts and skin testing devices, with best in class customer service and high supply reliability.
- 'HollisterStier' brand loyalty going back 100 years
- Onshore USFDA approved Manufacturing. Dedicated Sales force in the US, serves over 2,000 customers including Allergists, ENT Physicians

Balanced Product Portfolio



Venom Extracts



- Venom extracts includes products for Honey Bee, White-Faced Hornet, Yellow Hornet, Wasp, Yellow Jacket and Mixed Vespid allergies
- Sole supplier in US

Allergenic Extracts



- Allergenic extracts (over 200 products) includes products for Dog, Cat, Mite, Tree Pollen
- Combination of specialized (e.g., Dog) and standardized extracts (e.g., Cat); 2nd largest in the US

Skin Testing Devices



- Multiple skin test system includes ComforTen, Quintest and Quintip
- Differentiated product vs. competition – stainless steel lancets vs. plastic tips ensuring minimal trauma

Moving ahead on three pronged growth strategy





Enlarge US Venom Segment

- Create customer awareness on the Bee sting allergy through targeted marketing campaigns and enlarge the US Venom segment
- Leverage Brand equity in the community



Gain market share in US Allergenic extracts

- Use Venom products to gain customer wallet share in Allergenic extracts
- Launch differentiated products e.g. Ultra Filtered Dog product



Penetrate outside US market

- Penetrate the Europe market on the back of strategic partnerships
- Expand the distribution channel in APAC, MEA & LATAM



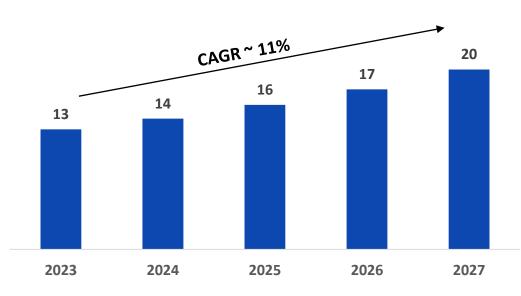
Sustained growth momentum & margin expansion

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	151	188	168	11%
EBITDA	50	75	63	26%
EBITDA Margin (%)	33%	40%	38%	440 bps

- Q1'FY25 revenue grew YoY on the back of volume & price increase
- Q1'FY25 EBITDA margin increased YoY due to increase in revenue and improvement in operational efficiencies



Global CDMO-SI Market Size (in USD Bn.)



Vial filling (Billion Units)

Demand	7.8	8.5	9.3	10.4	11.7
Supply	8.9	9.3	9.7	10.1	10.4

The business is engaged in Fill and Finish for Sterile Injectables, where a sterile drug is transferred from a filling needle into a sterile vial and then a stopper is applied, except in cases, where the drug requires sterile lyophilization.

Growth Drivers & Key Trends

- Increase in demand: Increasing number of drugs/injectable in development pipeline driven by biologics (65%+ of current pipeline) and LOEs
- Increase in outsourcing: Outsourcing expected to increase, driven by limited internal capacity and capabilities, cost reduction initiatives and big pharma focus on internalizing specialized capabilities, e.g., Proteins, RNA, Peptides
- Significant shortages: Since 2015, 50-60% of new drug shortages in the US have been injectables, signaling need for significant on-shoring
- Demand Supply Gap expected to widen further with increasing consolidation, e.g., Novo Holding acquired Catalent for enterprise value of USD 16.5 Bn. This transaction may further reduce the overall capacity available for outsourcing, given Novo is expected to use capacity for manufacturing their anti-obesity drugs.

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Structurally attractive market with key differentiators driving our growth

Strong Entry Barriers

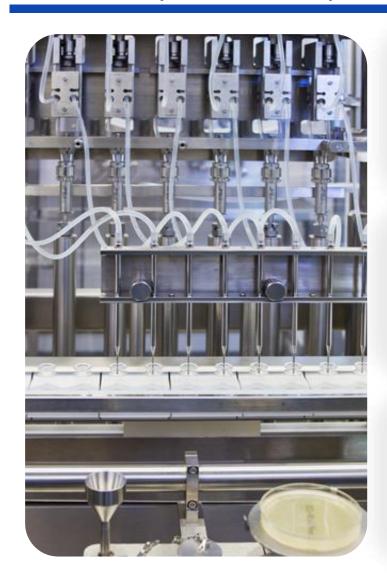
- Majority of commercial contracts are typically long duration (typically 3 years or more with auto renewal)
- Greenfield expansion is considerably difficult due to high up-front capex required with ongoing opex to support initial product commercialization
- Innovator companies prefer onshore North American manufacturers with a good quality track record in light of continuing supply challenges
- Attractive niches & Technology (e.g., Isolator Technology, Multi Dose Preservative Free ophthalmic drops, etc.) have emerged, driven by requirements of differentiated technologies, higher quality standards, people capabilities and capital investment
- High switching costs for customers due to significant tech transfer time (18-24 months), other challenges, e.g., quality
- Stringent regulatory requirements (FDA) for sterile manufacturing, with ever evolving landscape making difficult for new entrants

Key Differentiators

- Deep and long-term relationships with our customers
 Top 10 Customers have been with us 5+ years.
- On Shore Manufacturing facilities in Spokane, US and Montreal, Canada
- Co-invested capacity with US govt., advanced isolator technologies are part of our expansion, meeting both regulatory & customer requirements
- Steady quality track record in past audits including inspections from US FDA, ENVISA Brazil and others
- Focused core competency in Sterile Fill & Finish and Ophthalmic (ointments, liquids & creams) sterile products
- Customer satisfaction is strong with 90%+ repeat
 Customer business rate



Collaborative partner with unique capabilities & strong customer relationships



Full Suite of Services with On-shore manufacturing

- Can handle Vial size from 2ml to 100 ml with batch size up to 2,000 ltr.
- Full suite of services including sterile fill and finish (Liquid & Freeze dried), Ophthalmic (Liquids, Ointments and creams) and Biologics
- Strategically located on-shore manufacturing footprint in North America

Strong Quality track record

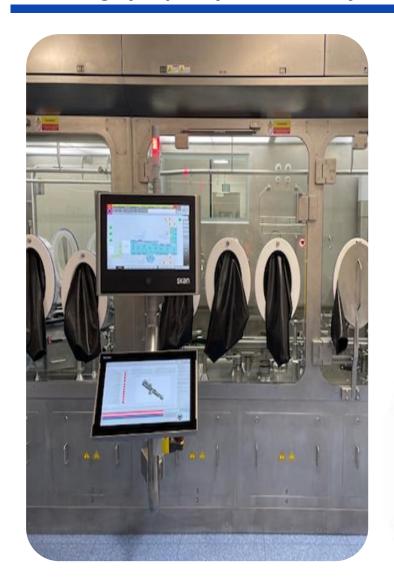
- Steady quality track record in past audits at each location including inspections from FDA, ENVISA and others
- Stability in core portfolio at Spokane with **multiple products having patent protection** and limited competition

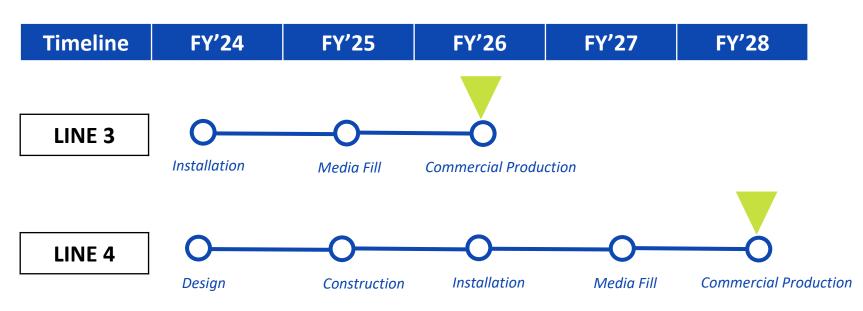
Strong Customer Relationships

- Serve leading pharmaceutical companies globally
- Long standing relationship with customers with some longer than 10 years and 90%+ repeat business rate
- Customer-focused approach with strong Tech Transfer & Project Management collaboration from the development phase
- 25+ Customers across the world



Doubling of capacity with state of the art technology at Spokane on track





- Doubling Spokane capacity of sterile fill and finish (both liquid and lyophilization)
 within stipulated timelines and costs. Total investment at USD 285 Mn. partly
 funded through cooperative agreement with US Govt. for USD 149.6 Mn.
- Line 3 commercialization expected in FY'26, followed by Line 4 in FY'28



Driving Revenue growth

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	254	259	324	27%
EBITDA	41	58	57	40%
EBITDA Margin (%)	16%	22%	18%	160 bps

- Q1'FY25 **revenue increased YoY** due to increase in volume
- Q1'FY25 EBITDA & EBITDA margins increased YoY due to increase in revenue
- Q1'FY25 EBITDA margin lower than Q4'FY24 due to impact of shutdown and regulatory inspection

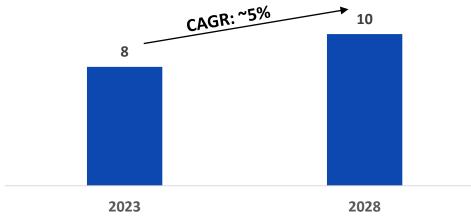


4 CRDMO: Drug Discovery Services, CDMO & API

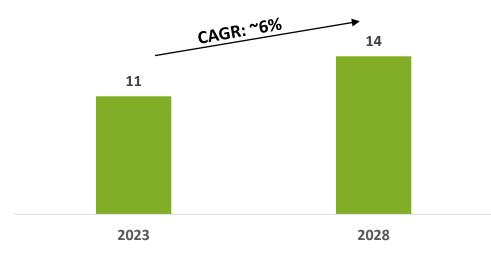


Both Drug Discovery Services and API/Formulation Development markets are expected to grow at ~5-6% CAGR





API/Formulation Development Market Size (USD Bn.)



Source : Company Estimates

Growth Drivers for Drug Discovery Market

- Large Pharma companies to de-risk their supply chain by adding "friend sourcing" locations. Biosecure Act is proposing to prohibit US Govt. and US life sciences companies, (who are receiving federal grant money) to work with biotechnology service providers that are connected to foreign adversaries
- Rise in specialized discovery technologies such as ADCs and oligonucleotides
- Lower Biotech funding stalled growth, however early signs of recovery with further recovery expected by late FY'25

Growth Drivers for API / Formulation development Market

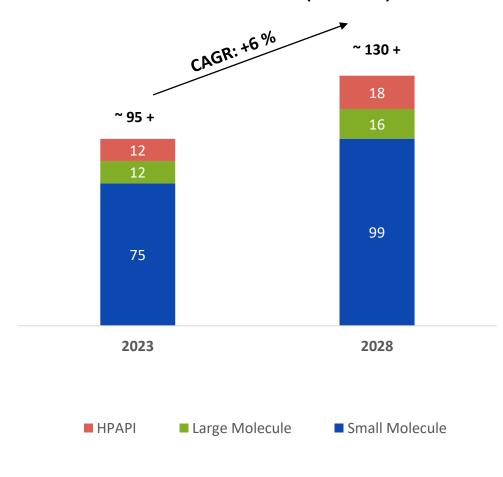
- Focus on integrated service offering ranging from discovery to development
- Rapid momentum in specialized CDMO services to support **ever increasing clinical trials**, e.g., High potency APIs with stringent exposure control requirements
- Rising share of biologics along with increasing investments in biologics for new niche modalities

CDMO API market



CDMO API Market is estimated to grow at a CAGR of ~ 6%+

CDMO API Market Size (USD Bn.)



Growth Drivers for API Market

- Although API market is dominated by the small molecules, higher growth is experienced by HPAPIs and large molecule segments
- Cost competitiveness is the key including backward integration into major KSMs to mitigate pricing pressures on the finished good formulation companies
- Rising interest of companies in manufacturing custom generics for innovators, ensuring higher margins
- Move towards **friend sourcing** becoming increasingly apparent, reducing **concentration risk of generics** API manufacturing

CRDMO: Drug Discovery Services & API



We provide end to end CRDMO services for drug substance in small molecules

CRDMO - Drug D	iscovery Services	← CDMO →	CRDMO - API
Integrated Drug Discovery Centre (IDDC)	Chemistry Research Innovation Centre (CIRC)	Contract Development & Manufacturing Centre (API CDMC)	Advanced Intermediate & API Manufacturing
~250 Scientists	~700 Scientists	~300 Scientists	900+ MTs Reactor Capacity
Pre Clinical Services - From identifying target to candidate selection	Synthetic, Medicinal, Analytical and Computational Chemistry	Process Research Chemistry (PRD) & Manufacturing	Facility approved by US FDA, Japan PMDA, Korea KFDA, Brazil ANVISA, Australia TGA
+85 Integrated Programs delivered	~40 Clients in last 3 years	From mg to kg Supporting Scale-up up to 20 kg	Potent API expertise OEB Class 1-3 API potency

Drug Discovery Services







Grow Chemistry Services

- Grow Chemistry services by offering differentiated services
- 6 Centers of Excellence providing PROTAC, SPPS & Carbohydrate Chemistry, Lipids, Photoredox & Electrochemistry, Solid State Chemistry and Library Synthesis



Diversify Customer Segment

- Diversify customer segment by increasing the penetration at large pharmaceutical companies and continue to be a leading partner with biotechnology companies
- Offer differentiated services basis customized offerings



Drive CDMO

- Drive CDMO: Building development capabilities and leveraging our partnership with biotechnology segment
- Investing in specialized technologies to ensure pie of growing market

Revenue from two large Pharma clients (on boarded in Q4'FY24) to increase from H2 FY25 onwards; Well prepared to scale up infrastructure (labs, scientific talent etc.) to take advantage of increase in CRO demand

API



Maximize market penetration & Transform operations by increasing cost effectiveness & asset utilisation



State of the art GMP manufacturing facility spanning over 41 acres with 7 multi stream manufacturing blocks

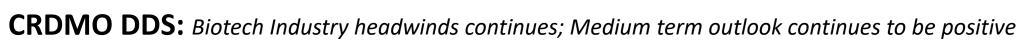
Facility inspected by FDA, PMDA Japan, KFDA Korea, ANVISA Brazil, TGA Australia

Dominant position in select therapies

- Comprehensive portfolio comprising of APIs from various therapeutic area -Central Nervous System, Cardiovascular System, Anti-infective and Antidiabetic
- Among the largest producers for API's such as, Oxcarbamazepine,
 Carbamazepine, Pinaverium, Resperidone, Donepezil, Lamotrigine, Meclizine,
 Azithromycin & Valsartan
- Reach to 50 countries, Servicing 160+ customers

Strategy going forward

- Maximize penetration: Fortifying sales in USA, Japan, LATAM, MENA regions
- Transform operations: Increasing overall cost effectiveness & asset utilisation
 - ✓ Increase backward integration: De-risk by increasing backward integration & follow China plus one strategy for sourcing
 - Increase capacity utilization: Leverage GMP manufacturing capabilities for Innovative APIs (CDMO)





CRDMO API: Pricing pressure continues; Taking initiatives to reduce operating costs & increase capacity utilization

Drug Discovery Services

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	103	117	113	10%
EBITDA	22	29	22	0%
EBITDA Margin (%)	21%	24%	19%	(180) bps

API

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	177	165	130	(27%)
EBITDA	13	24	16	22%
EBITDA Margin (%)	7%	14%	12%	490 bps

CRDMO Segment

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	280	282	243	(13%)
EBITDA	35	52	38	8%
EBITDA Margin (%)	12%	19%	16%	310 bps

- Q1'FY25 revenue increased YoY due to higher volume. Biotech Industry headwind continues.

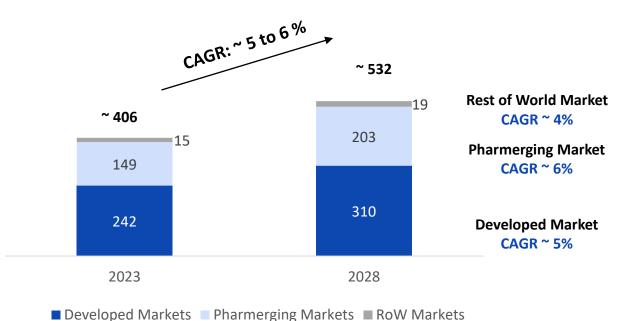
 Revenue from two new large pharma clients is expected to increase from H2 FY25 onwards
- Q1'FY25 EBITDA flattish on YoY
- Q1'FY25 revenue decreased YoY & QoQ due to change in product mix
- Q1'FY25 EBITDA increased YoY due to cost optimization efforts despite lower revenue



Global market to grow at a CAGR of 5 to 6% in the next 5 years



Generics Market (USD Bn.)



Overall Market

Overall market is growing on the back of increase in Chronic disease prevalence, loss of exclusivity for innovator products negated by pricing pressure in select markets

Developed Market

- US market is expected to grow ~2% with early signs of decrease in price reductions. Legacy generics expecting price reduction of approx. 7% in FY24 vs 12% in FY23
- Non-US market is expected to grow by ~5 to 7% with margins & regulatory approval timelines varying by market. Key differentiators are cost competitiveness and supply reliability.

India Market

India market is expected to grow in excess of 10%. Key differentiators are brand building and In-clinic effectiveness of sales team

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Target to reach EBITDA breakeven within FY25 & then grow profitability in the medium term

Key Products & Facilities

- Therapeutic areas Cardiovascular System, Central Nervous System, Gastrointestinal and Multi Specialty
- Global presence with serving more than 50 countries including US, Europe, Canada, Japan, Australia and RoW
- Building branded generics business in India in the field of Cardiovascular diabetes & Multi Specialty
- Derisking product supplies through building a robust CMO network
- USFDA classifies Roorkee Facility as "Voluntary Action Indicated (VAI)" in April'24.



Growth Strategy for key markets





Grow the profitable Non-US International market

- Focus on scaling 2 key markets to triple digit revenue in INR Cr. (B2B2C)
- Offer a portfolio of products to 50+ markets (B2B)
- Launch new products through In-Licensing



Build business in Indian Market

- Build and Scale branded generics business in India
- Develop 3 to 4 profitable therapeutic area divisions.
 Demonstrated successful blueprint by achieving profitability in CVD division in Q4'FY24 and Q1'FY25



Achieve profitability in the US Market

- Focus on profitable sustainable portfolio
- Outsource manufacturing to CMO's. Launch new products
- Relaunch products & grow exports through Roorkee Facility

JUBILANT PHARMOVA

Actions taken to propel US Generics business towards profitability



Closure of In-house Manufacturing Operations

- Closure of manufacturing operations of solid dosage formulation facility at Salisbury, Maryland, US completed in Q1'FY25
- Exploring options to utilize or sell Land, Building and PPE



Outsource manufacturing to CMO's

- Outsourced manufacturing to US FDA approved CMO's.
 Expect CMOs to start production from H2'FY25
- Expect improvement in gross margins by reducing manufacturing, quality management and overhead costs through outsourcing



Grow through launch of new products

- Grow the exports from Roorkee facility to the US market in gradual and meaningful manner.
- Increase in-licensing of new products
- Plans to launch 6 to 8 new products per annum

Lean & Agile operations through facility in Roorkee & CMO Network





Continuous Quality Improvement

Implemented a large scale **quality improvement** program in Roorkee facility.

Continue the upgrade the quality framework



De-risk Product supplies by outsourcing

De-risking product supplies through building a **robust CMO network** & outsource the manufacturing

Wide network of CMO's being built across US, Europe, India and other countries



Continue Cost Optimisation

Implemented cost optimization initiatives of Rs. 150 Cr. in FY24

Continue to implement cost saving opportunities



Moving in the right direction; Expect to reach EBITDA breakeven within FY25

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	202	201	156	(23%)
EBITDA	(21)	(39)	(11)	50%
EBITDA Margin (%)	(10%)	(19%)	(7%)	370 bps

- Q1'FY25 revenue decreased due to lower sales in US as a result of focus on profitable products
- Q1'FY25 EBITDA improved YoY. Expect to reach EBITDA breakeven within FY25

6 Proprietary Novel Drugs Clinical stage precision therapeutics



Advancing potent molecules to address unmet medical needs in Oncology & Auto immune diseases

Program	Mechanism	Indications	Lead Optimization	Pre - Clinical (IND)	Phase I /II	Milestones	
JBI-802	coREST Inhibitor/ Epigenetic Modulating Agent	ET(Essential thrombocythemia)/MPN (Myeloproliferative neoplasms), NSCLC (Non-				Phase I data suggests therapeutic potential. Early Phase II data in ET / MPN in H2-2024	
		small cell lung cancer)				E1 / MPN IN H2-2024	
JBI-778	PRMT5 Inhibitor Brain Penetrant	EGFR (Epidermal Growth Factor receptor) refractory NSCLC, ACC (Adenoid cystic carcinoma), High Grade			0	Phase I / II initiation under progress	
		Glioma					
JBI-2174	PD-L1 Inhibitor Brain Penetrant	Brain tumor and metastases		0		IND enabling	
JBI-1044	PAD4 Inhibitor	Oncology and auto-immune disease		0		IND enabling	
Other	Various	Various	- 0			Undisclosed Research Programs	

Two Clinical stage drugs under development with significant value inflection potential on clinical outcome



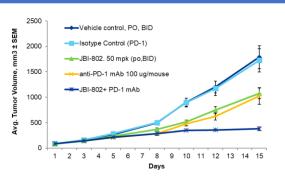
Key Indications for JBI - 802

Disease Indications	Rationale	JBI - 802 Response
Non-Small cell lung cancer (NSCLC)	 STK11 mutation is observed in10-15% NSCLC (85 % of lung cancer is NSCLC). Patients with STK11 mutations have a lower survival rate and are resistant to immune checkpoint therapy (like Keytruda, Atezolizumab, etc.) 	One patient with NSCLC having STK11 mutations showed significant response on JBI-802, while not responding to previously administered doublet Immune checkpoint therapy. Preclinical animal model study have shown synergistic effects of JBI-802 with immune checkpoint inhibitors
Essential Thrombocythemia (ET)	 ET is a rare blood cancer that causes the bone marrow to produce too many platelets which can lead to an increased risk of developing blood clots resulting in stroke and heart attack Limited options for patients who are refractory to the first line of therapy 	JBI-802 has shown to reduce platelet in human clinical trial which is mediated by LSD1 inhibitor. JBI-802 has better safety profile compared to the competitor (no Dysgeusia and anemia)
Post MPN-AML (Myeloproliferative neoplasms-Acute myeloid leukemia)	 MPNs are a group of blood cancers that cause increased production of blood cells, mainly affecting red blood cells, platelets, or white blood cells. Progression from MPN to AML (Acute Myeloid Leukemia) is a serious complication, occurring in about 5-10% of MPN patients. No effective therapy available (Survival in adults is only 5 months) 	JBI-802 shows superior efficacy in preclinical in-vivo efficacy studies compared to LSD1 only and HDAC6 only inhibitors
		45



Phase Two & Investigator led clinical trials to start for JBI-802

JBI-802 alone or in combination with an α-PD-1 monoclonal antibody in CT-26 Syngeneic Model



JBI-802 in combination with α-PD-1 achieves tumor regression Complete tumor regression achieved in 3/8 animals

Product

JBI-802 Small molecule - CoREST Inhibitor

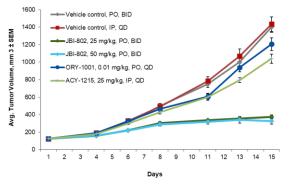
Indications

- Essential Thrombocythemia / Myeloproliferative Neoplasms
- Lung cancer (NSCLC), Acute myeloid leukemia (AML)

Scientific Rationale

- CoREST inhibition by dual targeting LSD1 and HDAC6
- Superior preclinical efficacy vs other LSD1 or HDAC6 single agent inhibitors
- Dual targeting mechanism Synergistic efficacy
- Anemia not seen in both preclinical and clinal studies, Dysgeusia not seen in clinic v/s other drugs

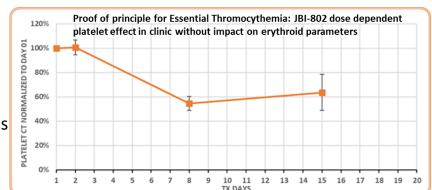
JBI-802, LDS1i or HDAC6i in HEL 92.1.7 Xenografts



JBI-802 observed to have superior anti-tumor activity vs inhibition of LSD1 or HDAC6

Development pathway

- Phase 1 clinical data establishes safe dose and showed anti-tumor response in 2 lung cancer patients at the low dose of 10mg without platelet reductions
- One patient with NSCLC having STK11 mutations showed significant response on JBI-802, while not responding to previously administered doublet IO therapy
- Also dose dependent platelet effect seen in clinic, establishing application in Essential Thrombocythemia (ET)
 and other Myeloproliferative Neoplasms (MPN)
- Phase II clinical trial to treat ET and MPN patients with thrombocytosis is being initiated in 2024
- Investigator led clinical trials in NSCLC and post MPN AML are being discussed with multiple institutions given the interest of the scientific community.





Key Indications for JBI - 778

Disease Indications	Rationale	JBI – 778 Response
Non-Small cell lung cancer (NSCLC) with or without brain metastases	 EGFR (epidermal growth factor receptor) mutations are observed in 10 - 50% of non-small cell lung cancer patients EGFR mutations is almost double in patients with NSCLC with CNS metastases compared with patients without CNS metastases Splicing mutation or deletion (U2AF1, RBM10, etc) are common in NSCLC (8-10%) Non-responders to EGFR 3rd generation inhibitors have enriched splicing mutations Recently PRMT5 inhibitors have been shown to be effective in NSCLC patients who is resistant to Osimertinib (3rd Generation EGFR inhibitors) 	 PRMT5 is involved in splicing Mutations PRMT5 Inhibitors are sensitive to spliceosome mutant cell line both in <i>vitro and in vivo</i> JBI-778 is potent PRMT5 inhibitor having good plasma and brain exposure and has a potential to treat patients who are non- responders to the EGFR inhibitors with or without brain metastases
High Grade Glioma	 High-grade gliomas account for approximately 15 to 20 % of CNS tumours in children and adolescents Isocitrate dehydrogenase (IDH) mutant gliomas are the most common malignant primary brain tumors diagnosed in patients younger than 50, an important cause of morbidity and mortality PRMT5 inhibitors shown CR in IDH+ patients but faced tox issues impeding further development 	 JBI-778 has superior brain exposure and substrate competitive binding has established superior safety in preclinical setting JBI-778 has shown excellent results in pre-clinical in vivo model of glioma



Continue to invest

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	0	0	0	N/A
EBITDA	(10)	(7)	(6)	39%

 Continue to invest in two clinical stage programs

Consolidated Reported Financials - Q1'FY25

JUBILANT PHARMOVA

Total Income growth (YoY) along with EBITDA margin expansion (YoY)

Particulars (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	Y-o-Y
Revenue	1,587	1,759	1,732	9%
Other Income	9	14	14	
Total Income	1,596	1,773	1,746	9%
EBITDA	177	289	266	50%
EBITDA Margin (%)	11.1%	16.3%	15.2%	410 bps
Exceptional expense / (Income)	0	169	(396)	
РВТ	25	(54)	500	
Normalised PBT	25	115	104	
Normalised PBT Margin	1.6%	6.5%	5.9%	
Reported PAT	6	(62)	482	
Normalised PAT ¹	6	61	69	1,055%

^{1.} Normalised PBT / PAT is after adjusting for exceptional items

- Q1'FY25 Total Income increased YoY on the back of growth in revenue in Radiopharma, Allergy Immunotherapy and CDMO Sterile Injectables
- Q1'FY25 EBITDA increased YoY, across all business segments
- Q1'FY25 normalised PAT increased YoY due to improved operating performance

Key Ratios



Net Debt / Ebitda improved drastically post voluntary prepayment of USD 75 million debt

Particulars (Rs. Cr.)	Mar 31, 2024	June 30, 2024	
Net Debt (On constant currency)	2,509	1,869	
Net Debt / Equity	0.46	0.32	
Net Debt / EBITDA (TTM)	2.5	1.7	

• Prepaid debt of USD 75 Mn., equivalent to Rs. 626 Cr. in Q1'FY25

Sustainability



Signed PPA¹ & SHA² to purchase renewable energy for JPM entities in Noida and Greater Noida in Q1'FY25



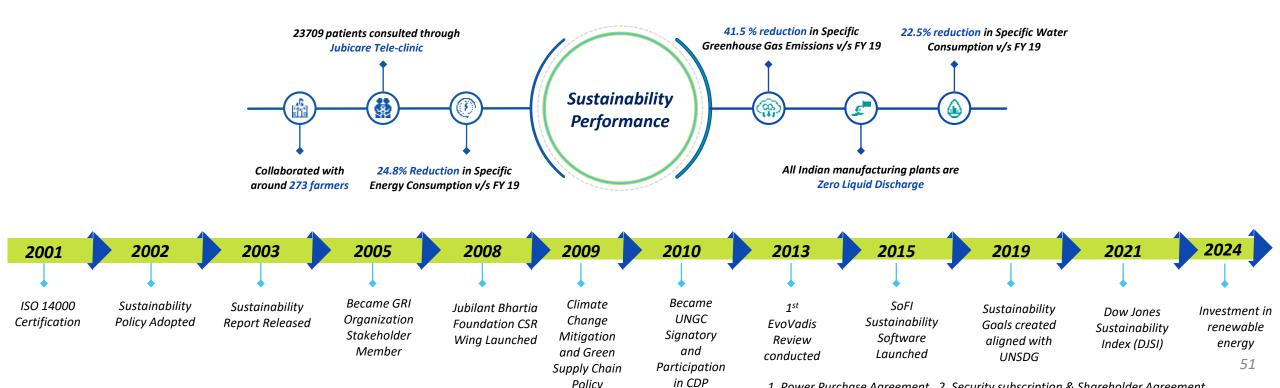






1. Power Purchase Agreement, 2. Security subscription & Shareholder Agreement





Policy

Summary - Q1'FY25



- Radio Pharmaceuticals: New product, Sulfur Colloid and Ruby-Fill® driving growth momentum Radio Pharmacies: Volume led growth & operational efficiencies driving margin expansion
- 2 Allergy Immunotherapy : Sustained growth momentum & EBITDA margins

- 3 CDMO Sterile Injectable: Capacity expansion at Spokane on track. Expect Line 3 to start commercial operations by Q1FY26
- CRDMO DDS: US Biotech industry headwinds continue. Medium term outlook continues to be positive CRDMO API: Pricing pressure continues. Taking initiatives to reduce operating costs & increase capacity utilization

Generics : Target to reach EBITDA breakeven within FY25

Prop Novel Drugs : Preparing for Phase 2 Clinical trails and Investigator trials in JBI-802

Financial Results Table



Total Income (Rs. Cr.)	Q1'FY24	Q4'FY24	Q1'FY25	
Revenue (A)	1,587	1,759	1,732	
a. Radiopharma	691	818	832	
Radiopharmaceuticals	204	256	262	
Radiopharmacies	487	561	570	
b. Allergy Immunotherapy	151	188	168	
c. CDMO Sterile Injectables	254	259	324	
d. Generics	202	201	156	
e. CRDMO	280	282	243	
Drug Discovery Services	103	117	113	
CDMO – API	177	165	130	
f. Proprietary Novel Drugs	0	0	0	
Unallocable Corporate Income	9	11	10	
Other Income (B)	9	 14	14	
Total Income (A+B)	1,596	1,773	1,746	

EBITDA (Rs. Cr.)	Q1'FY24	Margin	Q4'FY24	Margin	Q1'FY25	Margin
a. Radiopharma	94	14%	169	21%	139	17%
Radiopharmaceuticals	93	46%	126	49%	126	48%
Radiopharmacies	2	0%	38	7%	13	2%
b. Allergy Immunotherapy	50	33%	75	40%	63	38%
c. CDMO Sterile Injectables	41	16%	58	22%	57	18%
d. Generics	(21)	(10%)	(39)	(19%)	(11)	(7%)
e. CRDMO	35	12%	52	19%	38	16%
Drug Discovery Services	22	21%	29	24%	22	19%
CDMO – API	13	7%	24	14%	16	12%
f. Proprietary Novel Drugs	(10)		(7)		(6)	
Unallocable Corporate (Expenses) / Income	(12)		(19)		(15)	
Total EBITDA	177	11.1%	289	16.3%	266	15.2%

Annexure

JPM Business Strategy



To strengthen the unique position of each of the business unit to enhance shareholder value

1

INNOVATE

Radiopharma



- Continue to grow existing radiopharmaceutical products & launch new products
- Gain market share & increase profitability in radiopharmacies

2

STRENGTHEN

Allergy Immunotherapy



- Gain share in the US Allergenic extracts
- Enlarge US Venom market
- Penetrate outside US markets

3

GROW

CDMO Sterile Injectables



- Double the capacity to leverage demand – supply gap in the finish space
- Leverage strong customer relationships to fill up the new capacity

4

BUILD

CRDMO



- Diversify the customer segments by tapping into large Pharma
- Strengthen capabilities in development
- Leverage the partnership with Biotechnology companies

5

STEER

GENERICS

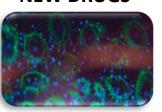


- Non-US(International): Grow the business profitably
- India: Build 3 to 4 therapeutic areas in branded generics
- US: Make business profitable through change of operating model

6

DISCOVER

PROPRIETARY NEW DRUGS



- All programs on track. Phase 1 data for JBI-802 Indicates therapeutic potential
- To explore institutional funding post early phase 2 data for JBI-802

Executive Leadership Team





Shyam S Bhartia
Chairman



Hari S Bhartia
Co-Chairman



Priyavrat BhartiaManaging Director



Arjun S BhartiaJoint Managing Director



Arvind Chokhany
Group CFO,
Whole-time Director



Shantanu Jha Group CHRO



Dr. Tushar GuptaSVP – Corporate Strategy

Executive Leadership Team





Harsher Singh
CEO - Jubilant Radiopharma



Giuliano Perfetti CEO - CRDMO, Biosys



Kyle FergusonCEO – Allergy Business



Dr. Jaidev RajpalCEO - Jubilant Generics



Chris Preti CEO - CDMO

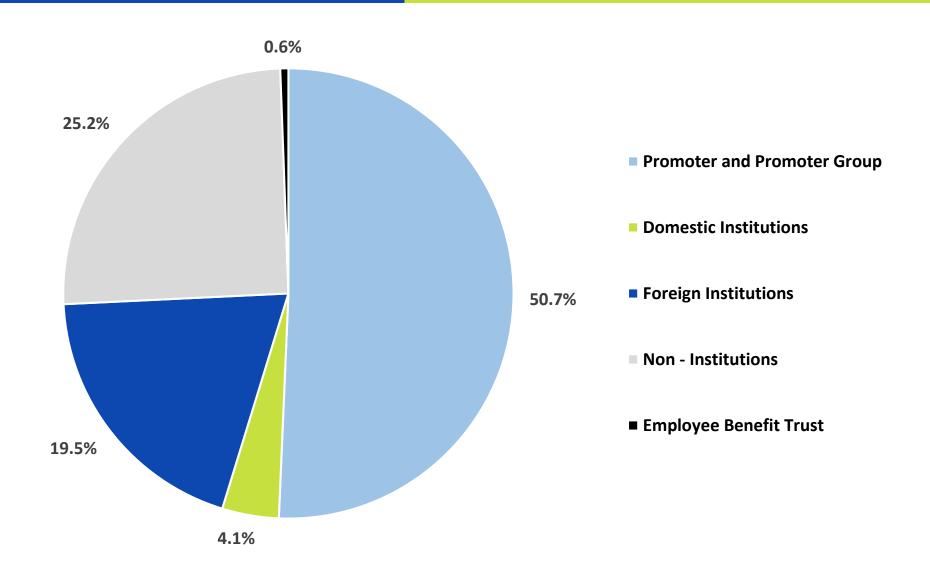


Dr. Syed KazmiCEO - Jubilant Therapeutics

Shareholding Pattern



As on 30th June 2024



GLOSSARY



Abbreviation	Details
CVS	Cardiovascular System
CNS	Central Nervous System
CDMO	Contract Development Manufacturing Organization
CRDMO	Contract Research & Development Manufacturing Organization
F18	Fluorine-18 Radioisotope
PSMA	Prostate Specific Membrane Antigen
Lu177	Lutetium-177 Radioisotope
Ac225	Actinium-225 Radioisotope
MAA	Macro Aggregated Albumin
DTPA	Diethylenetriaminepentacetic Acid-Chelating Agent
HICON	Pharmaceutical Grade Radioactive Iodine
l 131	Iodine-131 Radioisotope
MIBG	Metaiodobenzylguanidine
USP (USP 825 Guideline)	U.S. Pharmacopeia (USP) general chapter ,825 (Related to Radiopharmaceuticals: Preparation, Compounding, Dispensing, and Repackaging)
Ga 68	Gallium-68 Radioisotope
Rb	Rubidium (chemical element)
Sr	Strontium (chemical element)
Cu 64	Copper-64 Radioisotope
NRC	Nuclear Regulatory Commission (U.S.)
GPOs	Group Purchasing Organisation
IDNs	Integrated Delivery Network
SCIL	Sublingual immunotherapy (Allergy treatment - Dust mites & Seasonal allergy)
SCIT	Subcutaneous Immunotherapy (Allergy treatment Insect venom, pet dander, Mold, and other allergens)
APAC	Asia Pacific
MEA	Middle East Africa
NSCLC	Non-small cell lung cancer
SCLC	Small cell lung cancer

Abbreviation	Details
MEA	Middle East Africa
LATAM	Latin America
LOE	Loss of exclusivity
FDA (US)	U.S. Food and Drug Administration
PMDA (Japan)	Pharmaceutical and Medical Device Agency
KFDA (Korea)	Korea Food Development Authority
ANVISA (Brazil)	Brazilian Health Regulatory Agency
TGA (Australia)	Therapeutic Goods Administration
API	Active Pharmaceutical Ingredient
MENA	Middle East North Africa
GMP	Good Manufacturing Practices
B2B2C	Business-to-Business-to-Consumer
B2B	Business-to-Business
ET/MPN	Essential thrombocythemia / Myeloproliferative neoplasm (rare chronic blood cancer)
coREST Inhibitor/	CRISPR-Cas9 Endomorphic RNA Symptomatic Inhibitor (RNA based therapy targeting genetic disease)
Epigenetic Modulating Agent	Medications that modify gene expression patterns
PRMT5 Inhibitor	Protein Arginine Methyltransferase 5 inhibtor (Blocks enzyme activity involved in adding methyl groups to arginine residues, affecting gene expression regulation)
Brain Penetrant	Cerebral blood flow enhancers or cognitive-enhancing drugs (supplements)
PD-L1 Inhibitor	Programmed death Ligand-1 inhibitor (blocks the PD-L1 pathway, enhancing immune response against cancer cells)
PAD4 Inhibitor	poly(ADP-ribose) polymerase 4 inhibitor (Disrupts DNA repair mechanisms in cancer cells, leading to their death)
LSD1/HDAC6 inhibitor	Lysine specific demethylase 1/Histone deacetylase 6 inhibtor (Blocks enzymes involved in modifying histones, impacting gene expression regulation in cancer therapy)
NSCLC	Non-small cell lung cancer
SCLC	Small cell lung cancer

For More Information



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Q1'FY25 Q&A

Disclaimer

Statements in this document relating to future status, events, or circumstances, including but not limited to statements about plans and objectives, the progress and results of research and development, potential product characteristics and uses, product sales potential and target dates for product launch are forward-looking statements based on estimates and the anticipated effects of future events on current and developing circumstances. Such statements are subject to numerous risks and uncertainties and are not necessarily predictive of future results. Actual results may differ materially from those anticipated in the forward-looking statements. Jubilant Pharmova may, from time to time, make additional written and oral forward looking statements, including statements contained in the company's filings with the regulatory bodies and its reports to shareholders. The company assumes no obligation to update forward-looking statements to reflect actual results, changed assumptions or other factors.

Radiopharmaceuticals

Q1. Can you talk about growth in Ruby-Fill®?

Answer: Coronary Artery disease is the most common type heart of disease in the US. Cardiac PET procedures in the US are expected to double over the next 5 years.

Ruby-fill® is a best in class Positron Emission Tomography (PET) radiopharmaceutical product used for Cardiac imaging through a non-invasive procedure of the myocardium, to evaluate regional myocardial perfusion in adult patients with suspected or existing coronary artery disease. Our product is superior due to longer shelf life leading to more scans per generator, better and consistent image quality due to the patented saline push feature and multiple safety features.

Our Ruby-fill® franchise has been witnessing strong growth. We have witnessed strong growth momentum in Q1'FY25. We are also installing Ruby on mobile vans, which is very unique.

Overall, we expect to continue to gain market share in the US cardiac PET market.

Q2. Can you talk about the uptake of new products – Mertiatide and sulphur colloid?

Answer: Mertiatide is used for the renal scan. Sulphur Colloid is used in the localization of metastatic lymph nodes in patients with breast cancer and melanoma, imaging of areas of the liver, spleen and bone marrow, and studies of esophageal transit, gastroesophageal reflux, and detection of pulmonary aspiration of gastric contents. We are happy with the offtake of our new products in Q1'FY25. We expect the new products to reach their normalised market share within a couple of years.

Q3. What is the timeline of the MIBG Launch? What is the patient recruitment status & expected date of result?

Answer: MIBG is targeting paediatric patients with high-risk Neuroblastoma. Neuroblastoma is a type of cancer that forms in certain types of nerve tissues. The incidence of Neuroblastoma in the US market is estimated at 800 new cases per year and the relapse / refractory cases are estimated at 400 per year.

MIBG clinical trials are progressing well. We have completed the dosing of Phase two trials. Launch timelines are subject to regulatory approvals and we expect the launch of MIBG to happen in CY 2026 for relapse / refractory cases, post US FDA approval of phase two clinical trials.

Q4. Can you give us some more colour on the product pipeline?

Answer: We have a very strong pipeline of products in SPECT (Addressable Market at approx. USD 50 million) & PET (Addressable Market at approx. USD 500 million) categories in the medium term. On top of it, in the therapeutic, we are working on MIBG.

Q5. Can you explain Q1'FY25 Radiopharmaceutical results?

Answer: Radiopharmaceuticals revenue grew by 28% to Rs. 262 Cr. and EBITDA grew by 35% to Rs. 126 Cr. Revenue grew YoY on the back of new product sales and growth in Ruby-Fill®. EBITDA grew YoY, on the back of increase in revenue.

Radiopharmacy

Q6. Can you give us some colour on the Industry demand?

Answer: First, we are seeing an increase in demand for novel PET diagnostics products. E.g. generator based Ga PSMA. In addition, Cyclotron based pharmacies are seeing increased demand for F-18 PSMA, Alzheimer's products. Also, emerging radioisotopes landscape such as Rb-Sr, Ga-68, Cu-64, Lu-177, Ac-225 are leading to the development of new PET imaging and theranostic products.

Q7. What are the growth levers in this business, particularly, can you talk about USD 50 million investment that you plan to make in this business?

Answer: The PET Imaging market is growing rapidly on the back of new products so there is a need to position the company in this growing PET imaging market. This investment shall help us to expand our PET radiopharmacy network to nine (9) sites and therefore enable us to secure long term contracts with the leading PET radiopharmaceutical manufacturers. These new PET radiopharmacies shall be fully operational in FY28 and shall start to contribute significantly to the top line and bottom line. We expect a RoCE in excess of 20% on our investment.

Q8. Can you explain Q1'FY25 Radiopharmacy results?

Answer: Radiopharmacy Q1'FY25 revenue grew by 17 % YoY to Rs. 570 Cr. and EBITDA grew by 617 % YoY to Rs. 13 Cr. On the revenue side, new products & volume increase is generating incremental gross profits. On the cost side, our operating costs are continuously improving e.g. we have reached to best in class operating yield in some of the products. In addition to that we are seeing RMC reduction due to generics entry

in a few products. Q4'FY24 EBITDA margins were higher due to seasonality in the business.

Allergy Immunotherapy

Q9. What are the growth levers in this business?

Answer: We have three growth levers in place.

- 1. US Venom: As you are aware, we are the sole player in this segment in the US, so we are doing targeted marketing campaigns to increase customer awareness and expand the segment
- 2. US Allergenic Extracts: We are leveraging our position in the venom segment to gain customer wallet share in Allergenic Extracts
- 3. Outside US market penetration: Our strategy is to enter new markets in Europe, Australia and APAC through strategic partnerships and building local presence

Q10. Can you explain Q1'FY25 Allergy immunotherapy results?

Answer: Q1'FY25 revenue grew by 11% to Rs. 168 Cr and EBITDA grew by 26% to Rs. 63 Cr. Revenue grew YoY on the back of volume & price increase. EBITDA margin increased YoY due to an increase in revenue and improvement in operational efficiencies.

CDMO Sterile Injectable

Q11. Can you talk about the overall demand scenario in the sterile fill and finish market?

Answer: The global CDMO Sterile fill and finish market is expected to grow from USD 13 billion in 2023 to USD 20 billion by 2027 at a CAGR of 11%. The demand drivers include an increasing number of injectables in the development pipeline driven by biologics and an increase in loss of exclusivities.

As big pharma is focused on internalising only select capabilities, this increase in demand is being outsourced to specialised CDMO Sterile fill and finish companies.

The drug shortages in the injectables in the US are signalling that the demand still runs higher than the supply of the capacity and therefore there is a need of significant new capacity.

Q12. What is the project status of the expansion project in Spokane? What is the maximum revenue potential for Line 3 & 4 and how much time it shall take to fill up the lines?

Answer: The capacity expansion program in Spokane, Washington, USA is on track with respect to time and cost. Line 3 and Line 4 are expected to start commercial production in FY26 and FY28 respectively.

The revenue potential for Line 3 and Line 4 combined is estimated at USD 160 to 180 million. Typically, as seen in the Industry, it takes three to four years to reach optimal capacity utilisation post commercialisation. As we are seeing shortages in the US Injectables market, we are making an effort to fill up the new capacity much faster than the industry average timeline. Also, we expect to clock higher than normalised EBITDA margins on the incremental revenue from Line 3 and Line 4 on the back of improved pricing due to newer technology and lower incremental overheads.

Q13. What is the revenue contribution from the Montreal facility? Also, Post the US FDA audit at the Montreal facility, are you implementing corrective and preventive actions?

Answer: In terms of impact on P&L of CDMO business, Montreal facility revenue contribution is less than 10% in FY24 CDMO Sterile Injectable segment revenues.

Pursuant to the USFDA audit observations and in light of recently issued new and stringent cGMP guidelines for sterile fill and finish manufacturing facilities, we are implementing corrective and preventive actions (CAPA's) in our manufacturing set up at the Montreal facility.

The Montreal facility is expected to remain shut down as we implement the CAPA.

Q14. Can you explain Q1'FY25 CDMO Sterile Injectables results?

Answer: Q1'FY25 revenue grew by 27% YoY to Rs. 324 Cr. and EBITDA grew by 40% YoY to Rs. 57 Cr. Revenue and EBITDA increased YoY due to the increase in sales volumes.

CRDMO – Drug Discovery

Q15. Can you talk about the Biosecure Act? Can we see an increase in demand specifically for our company?

Answer: The Biosecure Act is a proposed federal legislation in the US. It proposes to prohibit the US Govt. and US life sciences companies, (that are receiving federal grant

money) from working with biotechnology service providers that are connected to foreign adversaries.

We are very bullish on the prospects of the CRO industry in India due to talent availability & gradual shifting of demand due to the preference for friend "sourcing" locations.

At Jubilant Pharmova, we are well prepared to scale up Infrastructure and scientific talent to take advantage of increased CRO demand. As a testament, we on boarded two large pharmaceutical companies as our clients in FY24. We expect the revenue to increase from these two clients from H2'FY25 onwards.

Q16. Can you explain Q1'FY25 CRDMO Drug Discovery results?

Answer: Q1'FY25 revenue increased by 10% to Rs. 113 Cr with EBITDA margins at 19%. The Biotech Industry headwind continues with most biotech companies focusing on late stage projects. Revenue from two new large pharma clients is expected to start from H2'FY25 onwards.

CRDMO - API

Q17. Can you explain Q1'FY25 CRDMO API results?

Answer: Q1'FY25 revenue stands at Rs. 130 Cr. with EBITDA margins at 12%. Revenue decreased due to change in the product mix. Despite lower revenue, Q1'FY25 EBITDA margin increased YoY due to the cost optimisation program. We continue to do efforts in raw material cost reduction through alternate vendor development and yield improvement. Going forward, we expect to continue to improve EBITDA margins on a full year basis.

Generics

Q18. Given the Roorkee facility acquired VAI status and also you have closed manufacturing operations at the solid dosage formulations facility in the US, when can we reach EBITDA breakeven in the business?

Answer: In the Generics business, as announced earlier, the closure of manufacturing operations at the solid dosage formulation facility at Salisbury, Maryland, US has been completed in Q1'FY25. We are building a network of CMOs that shall support us in manufacturing select profitable products.

Also, following the status change of solid dosage formulation facility at Roorkee, the exports to the US market are expected to increase in a meaningful and gradual manner. The business plans to launch six to eight new products per annum in the US and other international markets. In our last update, we had communicated that business would reach breakeven by Q1'FY26, though we will try and achieve this sooner by Q4'FY25, we now estimate that we should reach breakeven within FY25.

Q19. What is our plan for new product launches?

Answer: We plan to launch six to eight products per annum in our non-US international markets and also the US market. We also plan to start the supply of approved products from Roorkee facility to the US market in H2'FY25.

In addition to that, there are ANDAs in the approval pipeline for the US. There is a significant revenue potential that shall be further unlocked, once we get this approval.

Prop Novel Drugs

Q20. Can you comment on the development path of JBI-802?

Answer: For JBI-802, Phase 1 clinical data established safe dosage and further, dose dependent platelet effect was seen in the clinic at higher doses, establishing application in Essential Thrombocythemia (ET) and other Myeloproliferative Neoplasms (MPNs). In light of these, we are starting a phase II clinical trial to treat ET and MPN patients with thrombocytosis. The phase I trial also showed anti-tumour response in two lung Cancer patients at the low dose of 10mg without platelet reductions. One patient with Non-small cell lung Cancer, having STK11 mutations showed significant response on JBI-802, while not responding to previously administered doublet IO therapy. Generally, the survival rate is very low in such cases, however, the patient has responded well to JBI-802. Additional investigator led clinical trials in NSCLC and post MPN AML are being discussed with multiple institutions to obtain a larger patient data.

Consolidated Financials

Q21. How much interest cost shall go down from Q2'FY25 post reduction of debt?

Answer: In line with reduction in gross debt, our interest expense is expected to go down by 14 to 16%.

Q22. What is the outlook for revenue and EBITDA for Q2 and full year FY25?

Answ	er: I	n Q1'	FY25	, Tota	linc	ome	e gre	w by	/ 9%	on	a YoY basis	to Rs. 1,746 C	r., EBIT	DΑ
grew	by	50%	YoY	basis	to	Rs.	266	Cr.	due	to	improved	performance	across	all
businesses and net debt to EBITDA improved from 2.5x to 1.7x.														

Over the next quarter and in FY25, we shall continue to work on these three financial priorities, which is to continue the revenue growth momentum, to expand EBITDA margins and reduce net debt / EBITDA.

End	
LIIU	