

No: IITDH/R&D/RC/25-26/001

Date: 04.08.2025

Order

Sub: Empanelment of Manufacturers/Suppliers for supply of Consumable items and others.

Ref: a) CPPP Tender No: 2025_IITDW_856473_1, Dt-11.04.2025

b) Tender Reference No: IITDH/RC/2025-26/01 dt 11.04.2025

Further to the approval of competent authority, following vendors are Empaneled for supply of Consumable items and other items (viz Chemicals, Glassware, plasticware, antibodies, kits etc). This empanelment has been made based on the vendors who have quoted the highest and/or equal discount percentage for each respective brand.

| | | | |
|----|---------------------------------------|----|---|
| 1 | M/S ACE Rasayan | 15 | M/S Shiv Dial Sud and Sons |
| 2 | M/S AIC Enterprises Pvt. Ltd | 16 | M/S Shri Venkatesh Enterprises |
| 3 | M/S Bharat Associates | 17 | M/S Triune Solutions Inc |
| 4 | M/S Bi Biotech India Pvt. Ltd | 18 | M/S Bio-Rad Laboratories (India) Pvt. Ltd |
| 5 | M/S Eurofins Genomics India Pvt Ltd | 19 | M/S Biogene India |
| 6 | M/S Genetix Biotech Asia Pvt. Ltd | 20 | M/S Biogenic Lifecare |
| 7 | M/S Imperial Life Sciences Pvt. Ltd | 21 | M/S Biokart India Pvt Ltd |
| 8 | M/S J K Scientific Solutions | 22 | M/S Bionova Supplies |
| 9 | M/S Juniper Life Sciences Private Ltd | 23 | M/S Br Biochem Life Sciences Pvt Ltd |
| 10 | M/S Laxmi Trading Corporation | 24 | M/S Central Drug House (P) Ltd |
| 11 | M/S Medgenome Labs Private Ltd | 25 | M/S Genex India Bioscience Pvt Ltd |
| 12 | M/S Nitin Scientific and Surgicals | 26 | M/S Illume Gene India LLP |
| 13 | M/S Promega India | 27 | M/S Rajendra Traders |
| 14 | M/S PSM Scientific Systems | 28 | M/S Sri Basaveshwara Enterprises |

The terms and conditions of this empanelment is enclosed as Annexure 1.

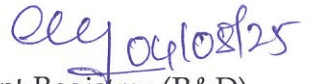
The details of the vendors and the corresponding brands for which they are empaneled are enclosed with this order (Annexure 2).

Reey 04/08/25
Assistant Registrar (R&D)
IIT Dharwad
Chetan Totad
Assistant Registrar (R&D)
Indian Institute of Technology Dharwad
Permanent Campus, Chikkamalligawad
Dharwad - 580 007, Karnataka

Annexure 1

Terms and conditions

1. **Validity:** The Empanelment will be initially valid for one year from date of issue of this order which may be extended based on performance.
2. The empaneled agencies must adhere to the terms and conditions of the tender.
3. The OEM authorization letters should be valid during the entire period of empanelment and vendors are informed to get it renewed before expiry.
4. **Order acknowledgment:** The Empanelment order must be acknowledged within 7 days from the date of issuance of this order & acknowledgement may be sent through email.
5. **Security Deposit:** The vendor will be required to furnish a Security Deposit of an amount of Rs. 50,000/- (Rupees Fifty Thousand Only) after receiving of Empanelment order in the form of Bank Guarantee/Demand Draft which shall be valid for 60 days beyond completion of all the contractual obligations.
6. **Delivery Mode:** All the goods/items should be delivered (on DDP mode) to IIT Dharwad Stores/designated place (Consignee address will be shared in PO) in Institute along with delivery challan during working hours only i.e., from 09.30 AM to 05.00 PM (excluding lunch timings) on working days (Monday to Friday) unless otherwise stated.
7. **Delivery conditions:** The goods/items to be supplied must be as per the specifications/quality mentioned in the order. IIT Dharwad reserves the right to reject and return the goods/items/material, in case not found in conformity to the requirement/specifications. The risk of any damage/loss in transit shall be on account of the supplier. The loading/un-loading charges and all incidental charges, if any, at the time of supply/return shall be borne by supplier.
8. **Payment procedure:** The payment will be released to the designated account of the supplier through RTGS/NEFT. No cash payment will be made by IIT Dharwad. The Institute shall endeavour to settle the bill approximately within 10-14 working days or at the earliest possible. However, no interest shall be leviable on IIT Dharwad for any unforeseen delay in settlement of bills.


Assistant Registrar (R&D)
IIT Dharwad
Chetan Totad
Assistant Registrar (R&D)
Indian Institute of Technology Dharwad
Permanent Campus, Chikkamalligawad
Dharwad - 580 007, Karnataka

| AIC Enterprises Pvt. Ltd | | | |
|--------------------------|----------------------------|--|----------|
| Sl. No. | Type | Brands Offered | Discount |
| 1 | Chemicals | Genei Laboratories Pvt Ltd | 25 |
| | | Zymo Research corp | 25 |
| 2 | Culture Media | Biotechnne | 25 |
| | | Genei Laboratories Pvt Ltd | 20 |
| | | Thermo Fisher Scientific India Pvt Ltd | 25 |
| 3 | Laboratory Glass Wares | SCHOTT DURAN (DWK) | 20 |
| | | Genaxy Scientific Pvt Ltd | 25 |
| 4 | Plastic Wares | Genaxy Scientific Pvt Ltd | 25 |
| | | Thermo Fisher Scientific India Pvt Ltd | 25 |
| | | Genei Laboratories Pvt Ltd | 20 |
| 5 | Cell culture Plastic wares | Thermo Fisher Scientific India Pvt Ltd | 25 |
| 6 | Antibodies and kits | Biotechnne (R&D Systems/Tocris/NOVUS) | 25 |
| 7 | Molecular Biology Items | Biotechnne | 20 |
| | | Thermo Fisher Scientific India Pvt Ltd | 25 |
| | | Zymo Research corp | 25 |
| 8 | Solvents and Bulk Solvents | Advent Chembio pvt ltd | 20 |
| 9 | General Lab wares | Kimberly-Clark | 20 |

| ACE Rasayan | | | |
|-------------|------------------------|-----------------|----------|
| Sl. No. | Type | Brands Offered | Discount |
| 1 | Chemicals | LOBA | 30 |
| | | MACHERY NAGEL | 25 |
| 2 | Laboratory Glass Wares | RIVIERA / DURAN | 15 |

| Bio-Rad Laboratories (India) Pvt. Ltd | | | |
|---------------------------------------|--|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals, Plastic Wares, Antibodies, Kits, Molecular Biology Items, General Lab wares | Bio-Rad | 10 |

| Biogene India | | | |
|---------------|-------------------------|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Antibodies | Biolegend | 5 |
| 2 | Kits | Biolegend | |
| | | Biotium | |
| 3 | Molecular Biology Items | Horizon | |

| Biokart India Pvt Ltd | | | |
|-----------------------|---------------------|-------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Sequencing Services | Biokart India Pvt. Ltd. | 15 |

| Biogenic lifecare | | | |
|-------------------|-------------------------|--|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Taurus Incorporation | 5 |
| 2 | Culture Media | Capricorn | 5 |
| 3 | Antibodies | ELK / Proteintech | 5 |
| 4 | Kits | Fintest / ELK/ Cayman Chemicals / Zymo | 5 |
| 5 | Molecular Biology Items | IDT | 5 |
| | | Qiagen | 20 |
| | | Trupcr (3BBlack Bio) | 5 |
| | | Taurus Incorporation | 5 |
| 6 | Sequencing Services | Mediomix | 5 |

| BR Biochem Life Sciences Pvt Ltd | | | |
|----------------------------------|-------------------------|---------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | BR Biochem | 5 |
| 2 | Plastic Wares | BR Biochem, | |
| | | Globe Scientific | |
| 3 | Antibodies | BR biochem | |
| 4 | Kits | BR Biochem | |
| | | Genasia Biotech Co. Ltd., | |
| | | Geneaid | |
| 5 | Molecular Biology Items | BR Biochem, | |
| | | SBS Genetech | |
| 6 | General Lab wares | BR Biochem | |
| 7 | Sequencing Services | BR Biochem | |
| | | GL BIOCHEM | |

| Central Drug House (P) Ltd | | | |
|----------------------------|-----------|--------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Central Drug House (CDH) | 10 |

| Promega India | | | |
|---------------|-------------------------|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Molecular Biology Items | Promega | 5 |

| BIONOVA SUPPLIES | | | |
|------------------|---------------------------|--------------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | MERCK | 15 |
| | | Sigma Aldrich | 10 |
| | | New England biolabs | 10 |
| | | Cell Signalling technology | 15 |
| | | Minerva Biolabs USA | 10 |
| | | Southern Biolabs USA | 10 |
| | | Roche Diagnostics Pvt Ltd | 10 |
| | | Kapa biosystem (part of Roche) | 5 |
| | | Oxford Nanopore Systems | 15 |
| | | megazymes | 10 |
| | | Caymen Chemicals | 10 |
| | | Biomatik LLP | 10 |
| | | Biologend USA | 10 |
| | | OZ Biosciences | 10 |
| 2 | Plastic Wares | InSphero | 10 |
| | | VWR/ Aventor Plastic wares | 10 |
| | | Gilson Pipettes | 10 |
| 3 | Gene and Primer Synthesis | SIGMA ALDRICH | 10 |
| | | Twist Biosciences | 10 |
| | | Genscript Biotech (Signapore) | 10 |
| | | BioMatik | 10 |

| MEDGENOME LABS PRIVATE LIMITED | | | |
|--------------------------------|---------------------|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Sequencing Services | Medgenome | 10 |

| GeneX India Bioscience Pvt Ltd | | | |
|--------------------------------|-------------------------|-----------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | New England biolabs | 10 |
| | | Abcam | |
| | | Kaneka | |
| | | Diagenoda | |
| | | IBIDI GmbH | |
| | | Polyplus Transfection | |
| 2 | Antibodies | Abcam | |
| | | Diagenoda | |
| 3 | Kits | Abcam | |
| | | New England | |
| | | Diagenoda | |
| 4 | Molecular Biology Items | Kaneka Eurogenetic | |
| | | Abcam | |
| | | New England | |
| | | Diagenoda | |
| | | IBIDI GmbH | |
| | | Polyplus Transfection | |
| 5 | Sequencing Services | New England | |

| Shri Venkatesh Enterprises | | | |
|----------------------------|------------------------|-----------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | ThermoFisher India | 15 |
| | | Spectrochem | 12 |
| | | Hyma synthesis (AVRA) | 5 |
| | | GLASIL | 5 |
| 2 | Laboratory Glass Wares | RIVIERA / DURAN | 15 |

| | | | |
|---|-----------------------------------|-------------|-----|
| 3 | Plastic Wares | Lab Aid | 2.5 |
| 4 | Solvents | Spectrochem | 12 |
| 5 | Stationary phase in bulk quantity | Riviera | 15 |

| PSM SCIENTIFIC SYSTEMS | | | |
|------------------------|---|----------------------------------|----------|
| Sl. | Type | Brand offered | Discount |
| 1 | Chemicals | TCI Chemicals | 10 |
| | | Otto Chemical | 20 |
| | | Nice Chemicals | 17 |
| | | Microexpress (Tulip Diagnostics) | 7 |
| 2 | Culture Media | Microexpress (Tulip Diagnostics) | 7 |
| 3 | Laboratory Glass Wares | Glassco Laboratory Equipments | 25 |
| 4 | Plastic Wares, Cell Culture Plastic wares | TARSONS PRODUCTS | 10 |
| | | Accumax | 10 |
| 5 | Antibodies, kits, Molecular biology items | TCI Chemicals | 10 |
| | | Microexpress (Tulip Diagnostics) | 7 |
| 9 | Solvents | TCI Chemicals | 10 |
| | | Otto Chemical | 20 |
| | | Nice Chemicals | 17 |
| | | Microexpress (Tulip Diagnostics) | 7 |
| 10 | General Lab wares | TARSONS PRODUCTS | 10 |
| | | Accumax | 10 |
| | | Molychem | 20 |
| 11 | Sequencing Services | TCI Chemicals | 10 |
| | | Microexpress (Tulip Diagnostics) | 7 |

| SHIV DIAL SUD AND SONS | | | |
|------------------------|--|---------------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Laboratory Glass Wares, Plastic Wares, General Lab wares | SUPERTEK (SHIV DIAL SUD & SONS) | 15 |

| SRI BASAVESHWARA ENTERPRISES | | | |
|------------------------------|-------------------------|----------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | GCC Biotech | 5 |
| | | RealGene | |
| | | GBiosciences | |
| | | BioArtho Labs | |
| | | MedchemExpress | |
| 2 | Culture Media | RealGene | |
| | | BioArtho Labs | |
| 3 | Antibodies | RealGene | |
| | | GBiosciences | |
| | | BioArtho Labs | |
| 4 | Kits | GCC Biotech | |
| | | RealGene | |
| | | GBiosciences | |
| | | BioArtho Labs | |
| 5 | Molecular Biology Items | GCC Biotech | |
| | | RealGene | |
| | | GBiosciences | |
| | | BioArtho Labs | |
| 6 | HPLC & GC Columns | Shodex | |

| NITIN SCIENTIFIC AND SURGICALS | | | |
|--------------------------------|---|----------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Thomas Baker Chemicals | 25 |
| | | Leonid Chemicals Pvt LTd | 25 |
| 2 | Culture Media | Tulip Diagnostics Pvt Ltd | 15 |
| 3 | Plastic Wares | JAIN SCIENTIFIC GLASS | 10 |
| 4 | Solvents and Bulk Solvents | Thomas Baker chemicals | 25 |
| | | Leonid Chemicals Pvt LTd | 25 |
| 5 | Stationery phase , HPLC & GC Columns in bulk quantity | Hexon Laboratories Pvt Ltd | 12 |

| Genetix biotech Asia Pvt. Ltd | | | |
|-------------------------------|-------------------------|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Duchefa | 5 |
| | | SCBT | |
| | | Toyobo | |
| | | Nuclepore | |
| | | PureGene | |
| | | Fermentas | |
| 2 | Culture Media | SPL | |
| 3 | Laboratory Glass Wares | SPL | |
| | | G-ware | |
| 4 | Plastic Wares | SPL | |
| 5 | Antibodies | Duchefa | |
| | | SCBT | |
| | | Toyobo | |
| | | Nuclepore | |
| | | PureGene | |
| 6 | Kits | Fermentas | |
| | | Duchefa | |
| | | SCBT | |
| | | Toyobo | |
| | | Nuclepore | |
| 7 | Molecular Biology Items | PureGene | |
| | | Fermentas | |
| | | Nuclepore | |
| 8 | Solvents | PureGene | |
| | | Thermo Fisher | |
| | | Duchefa | |
| | | SCBT | |
| | | Toyobo | |
| | | Nuclepore | |
| 9 | General Lab wares | G-ware | |
| 10 | HPLC & GC Columns | Integra | |

| Bharat Associates | | | |
|-------------------|--|---------|----------|
| Sl. No. | Type | Brands | Discount |
| 1 | Chemicals, Molecular Biology Items, General Lab wares, Bulk Solvents, | HIMEDIA | 10 |
| | Sequencing Services, 3D printer spares | | |
| 2 | Plastic Wares, Cell culture Plastic wares | HIMEDIA | 12 |

| Eurofins Genomics India Pvt Ltd | | | |
|---------------------------------|---|---------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Molecular Biology Items, HPLC & GC Columns Sequencing Services | EGI | 5 |

| ILLUME GENE INDIA LLP | | | |
|-----------------------|--|----------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Culture Media, Molecular Biology Items | Cytiva (Formerly GE) | 10 |

| TRIUNE SOLUTIONS INC | | | |
|----------------------|---------------------------------------|--------------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals, Culture Media | Gibco & Invitrogen | 10 |
| 2 | Laboratory Glass Wares, Plastic Wares | Brand Scientific | 5 |
| 3 | Antibodies, Kits | Gibco & Invitrogen | 10 |
| | | Thermo Fisher Scientific | 10 |
| 4 | Molecular Biology Items | Invitrogen | 10 |
| 5 | HPLC & GC Columns | Waters India Pvt Ltd | 5 |

| Imperial Life Sciences Pvt. Ltd | | | |
|---------------------------------|-------------------------|-----------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Gens2Me | 5 |
| | | Enzolife Sciences | |
| 2 | Culture Media | Pluriselect | |
| 3 | Plastic ware | Labware-An ILs Brand | |
| | | Scientific Industries | |
| | | Pulriselect | |
| 4 | Antibodies | Genscript | |
| | | Enzolife sciences | |
| 5 | Kits | Gens2Me | |
| | | Enzolife Sciences | |
| | | Genscript | |
| 6 | Molecular Biology Items | IDT | |
| | | ILS-Active Oligos | |
| | | Gens2Me | |
| | | Synthego | |
| | | Prospec Bio | |
| | | Arbor | |
| | | BTX | |
| 7 | Sequencing Services | Hoefer | |
| | | ILS-Services | |

| RAJENDRA TRADERS | | | |
|------------------|-------------------------|---|----------|
| Sl. | Type | Brand offered | Discount |
| 1 | Chemicals | Himedia: (Fine Chemicals, Labrotary Grade Chemicals and analytical Grade chemicals only, Codes starting with :GRM,RM,CMS) | 20 |
| | | Himedia: (Bio-chemcials, Molecular biology grade only, Codes starting with: M,MB, PTC,TC. And rest of the range) | 10 |
| | | SD fine | 20 |
| | | Actylis (Finar) | 20 |
| 2 | Culture Media | Himedia | 10 |
| 3 | Laboratory | Borosil Scientific Limited | 15 |
| 4 | Plastic Wares | TARSONS PRODUCTS LIMITED | 10 |
| 5 | Cell culture | TARSONS PRODUCTS LIMITED | 10 |
| 6 | Antibodies | Genei Laboratories | 10 |
| | | Himedia | 10 |
| 7 | Kits | Himedia | 10 |
| | | Promega | 5 |
| | | Genei laboratories | 10 |
| 8 | Molecular Biology Items | HIMEDIA | 10 |
| | | Promega | 5 |
| | | GeneiLaboratories | 10 |
| 9 | Solvents | HIMEDIA | 20 |
| | | SD fine | 20 |
| | | Actylis (Finar) | 20 |
| 10 | General Lab wares | TARSONS PRODUCTS LIMITED | 10 |
| | | Molychem | 20 |
| | | HIMEDIA | 10 |
| | | Borosil | 15 |
| 11 | Bulk Solvents | SDfine | 20 |
| | | Actylis (Finar) | 20 |
| 12 | Sequencing | Genei | 10 |
| 13 | 3D printer | HIMEDIA | 10 |

| JK SCIENTIFIC SOLUTIONS | | | |
|-------------------------|---------------|-------------------------|----------|
| Sl. | Type | Brand offered | Discount |
| 1 | Plastic Wares | Eppendorf | 5 |
| 2 | HPLC & GC | Waters Asia Pacific Pte | |

| BI Biotech India Pvt. Ltd | | | |
|---------------------------|----------------------------|---|----------|
| Sl. | Type | Brands | Discount |
| 1 | Chemicals | Santa Cruz Biotechnology, Abnova, Cedarlane Laboratories, Applied Biological Materials Luminex Corporation, ELK Biotechnology Anaspec Inc, Revvity, Cisbio, Canvax Biotech Megazyme, Kementec | 10 |
| 2 | Culture Media | Santa Cruz Biotechnology, Abnova, Applied Biological Materials, Megazyme, Kementec | |
| 3 | Laboratory Glass Wares | Revvity, Cisbio | |
| 4 | Plastic Wares | Revvity, Cisbio, R&D Systems | |
| 5 | Cell culture Plastic wares | Applied Biological Materials, Revvity, Cisbio | |
| 6 | Antibodies | Santa Cruz Biotechnology, Abnova Cedarlane Laboratories, Applied Biological Materials, ELK Biotechnology, Revvity, Cisbio, Anaspec Inc | |
| 7 | Kits | Abnova, ELK Biotechnology Revvity, Cisbio Anaspec Inc | |
| 8 | Molecular Biology Items | Santa Cruz Biotechnology, Abnova, Applied Biological Materials, Cedarlane Laboratories ELK Biotechnology, Anaspec Inc, Revvity, Cisbio Canvax Biotech, Megazyme, Kementec | |
| 9 | Sequencing | Applied Biological Materials | |

| JUNIPER LIFE SCIENCES PRIVATE LIMITED | | | |
|---------------------------------------|----------------------------|--------------------|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Molychem | 35 |
| | | MP Biomedicals | 10 |
| | | Takara | 10 |
| | | Takara DTI | 20 |
| | | Biologix | 10 |
| 2 | Culture Media | Corning | 20 |
| | | MP Biomedicals | 15 |
| 3 | Plastic Wares | ABDOS LABTECH | 20 |
| | | Falcon | 15 |
| | | Truline | 25 |
| | | Corning | 20 |
| | | Axygen | 15 |
| 4 | Cell culture Plastic wares | ABDOS LABTECH | 20 |
| | | Corning | 20 |
| | | Falcon | 15 |
| | | Truline | 25 |
| 5 | Antibodies | Axeygen | 15 |
| | | MedchemExpress | 25 |
| | | CloudCone | 20 |
| | | Aliquote | 20 |
| 6 | Kits | Boster Bio | 10 |
| | | MedchemExpress | 25 |
| | | Takara | 10 |
| | | Takara DTI | 20 |
| | | MP Biomedicals | 10 |
| | | CloudCone | 20 |
| | | Aliquote | 20 |
| 7 | Molecular Biology Items | Boster Bio | 10 |
| | | MedchemExpress | 25 |
| | | MP Biomedicals | 10 |
| | | Biologix | 10 |
| | | Takara | 10 |
| | | Takara DTI | 20 |
| | | Molychem | 35 |
| | | Genedirex | 20 |
| | | Barcodebiosciences | 20 |
| | | Synbio | 10 |
| | | Dojindo | 10 |

| | | | |
|----|-----------------------------------|--------------------|----|
| | | Boster Bio | 10 |
| 8 | Solvents | Molychem | 35 |
| | | Biologix | 10 |
| 9 | General Lab wares | Sartorius | 10 |
| | | Biologix | 10 |
| | | Abdos | 20 |
| 10 | Bulk Solvents | Molychem | 35 |
| 11 | Stationery phase in bulk quantity | Biologix | 15 |
| | | Sartorius | 15 |
| 12 | Sequencing Services | Synbio | 10 |
| | | Barcodebiosciences | 20 |

| LAXMI TRADING CORPORATION | | | |
|---------------------------|------------------------|--|----------|
| Sl. No. | Type | Brand offered | Discount |
| 1 | Chemicals | Sisco Research | 10 |
| | | Axiva | 5 |
| | | Reachem | 20 |
| 2 | Laboratory Glass Wares | Axiva | 5 |
| 3 | Plastic Wares | Axiva | 5 |
| 4 | Sequencing Services | Genotypic Technology Pvt Ltd | 5 |
| 5 | Labmate (Asia Pvt Ltd) | a) Vector labs b) Stemcell Technology c) EpiCypher d) Astrea Bioseperations e) Horizon f) Mirus | 5 |