

April 2023

CHROMATOGRAPHY *Connect*



3rd EDITION

purify22
CHROMATOGRAPHY PURIFICATION CONCLAVE® **WEST**

For Thought Provoking Leadership in
Chromatography Purification

**The Event
Summarised**



**14th December,
2022;**

Taj Skyline,
Ahmedabad



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CHROMATOGRAPHY PURIFICATION CONCLAVE[®] **WEST**

14th December, 2022; Taj Skyline, Ahmedabad

For Thought Provoking Leadership in
Chromatography Purification

...a landmark event

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Organised by



CHROMATOGRAPHY Connect

Project Execution: Custage Marketing Solutions LLP, 406, Vikas Centre, Dr. C. G. Road, Chembur, Mumbai 400 074, INDIA

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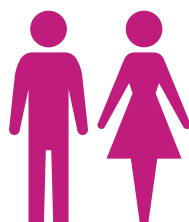
Custage Marketing Solutions LLP is a Mumbai-based boutique communications company that specialises in marketing communications services for the B2B and is adept at creating niche premium communication platforms (vide print, digital and events) that are high in impact and a source of relevant knowledge sharing for the industry.

Numbers Crunched

A symphony of numbers
that was music to the
ears of all...the delegates
savoured the content...

the speakers enjoyed the
audience's attention...the
sponsors lapped up the
opportunities and the
exhibit zone allowed
the showcase of the
latest capabilities!

It was all corners covered
at PURIFY'22 WEST!



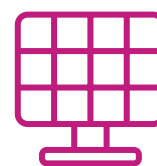
240
Participants



25
Speakers



24
Sponsors



29
Display Zones



92
Companies



36
Cities



15
States



6
Countries



In Dialogue

Dear Esteemed Chromatographers,

To begin, I salute the spirit of the stakeholders (sponsors, delegates and speakers!) for contributing to making the maiden edition of PURIFY Chromatography Conclave in Ahmedabad (14th December, 2022) i.e. PURIFY'22 West, such a resounding success.

The 3rd edition in its series, PURIFY Conclaves have carved a niche for itself as a very premium and distinctive business forum that brings to the fore technological advancements relating to chromatography purification and presents unparalleled networking in this sector. Business opportunities, knowledge and the premium approach continue to be the drivers of the success of PURIFY Conclaves!

As I reviewed the accolades received, they touched many points - great crowd, quality speakers, exquisite venue, elaborate arrangements, thoughtful hospitality and the warmth of another order. I was overwhelmed by the heartfelt responses. We also take note of areas of improvement, one especially being of not keeping the tablespaces within the conference room for convenience of discussions / hearing. Enormous industry response coupled with paucity of a large banquet space in 5-star hotels in Ahmedabad compelled us to take this step. However, point is well noted.

As stated in the opening talk, there is a huge opportunity for solution providers in this industry as a lot of market research reports highlight great years ahead with significant growth. India, as expected, stands out as one of the strongest markets. So, I will urge each one of you to maximise the opportunities presented by PURIFY Conclaves. Book your sponsorship, tablespace and delegate spots today...as most certainly the next edition to be held on 1st November, or close, in Hyderabad, will quite surely be a full house sooner than earlier. PURIFY Conclaves are an event not to be missed and today an integral part of most calendars of decision makers in Chromatography Purification.

PURIFY'23, the 4th edition will charter another journey that will enthrall every attendee...also with a lot of goodies to be won. The event will witness a number of firsts! Watch out for a few surprises...until then...stay pure and continue to PURIFY with chromatography...it's not the last choice, it's the right choice!

Manish Chawla
Managing Partner
Custage Marketing Solutions LLP

Acclaimed Advisory Board

The core competency of the esteemed advisory board ensured the most relevant content that benefitted attendees. Their deliberations have constantly served as a guiding light to build an event that is today benchmarked as the highest impact conclave witnessed by this industry.



Katkam Srinivas

Sr. Vice President, Sales & Marketing - API MSN Group of Companies, Hyderabad

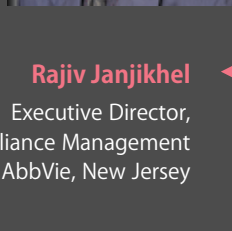
M. Damodharan

Chief Quality Officer
& Head, Sai Life Sciences Ltd.,
Hyderabad



Muralidharan Chandrakesan

Associate Vice President
Auropeptide Ltd.,
Hyderabad



Rajiv Janjikhel

Executive Director,
Alliance Management
AbbVie, New Jersey



Somesh Sharma

Sr. Vice President - Discovery & Development Solutions; Aragen Life Sciences, Hyderabad

Y. S. Lakshmi Narasimham

Sr. General Manager - Analytical,
Novel Drug Discovery and
Development, Lupin Ltd.
(Research Park), Pune



Manish Chawla

Managing Partner,
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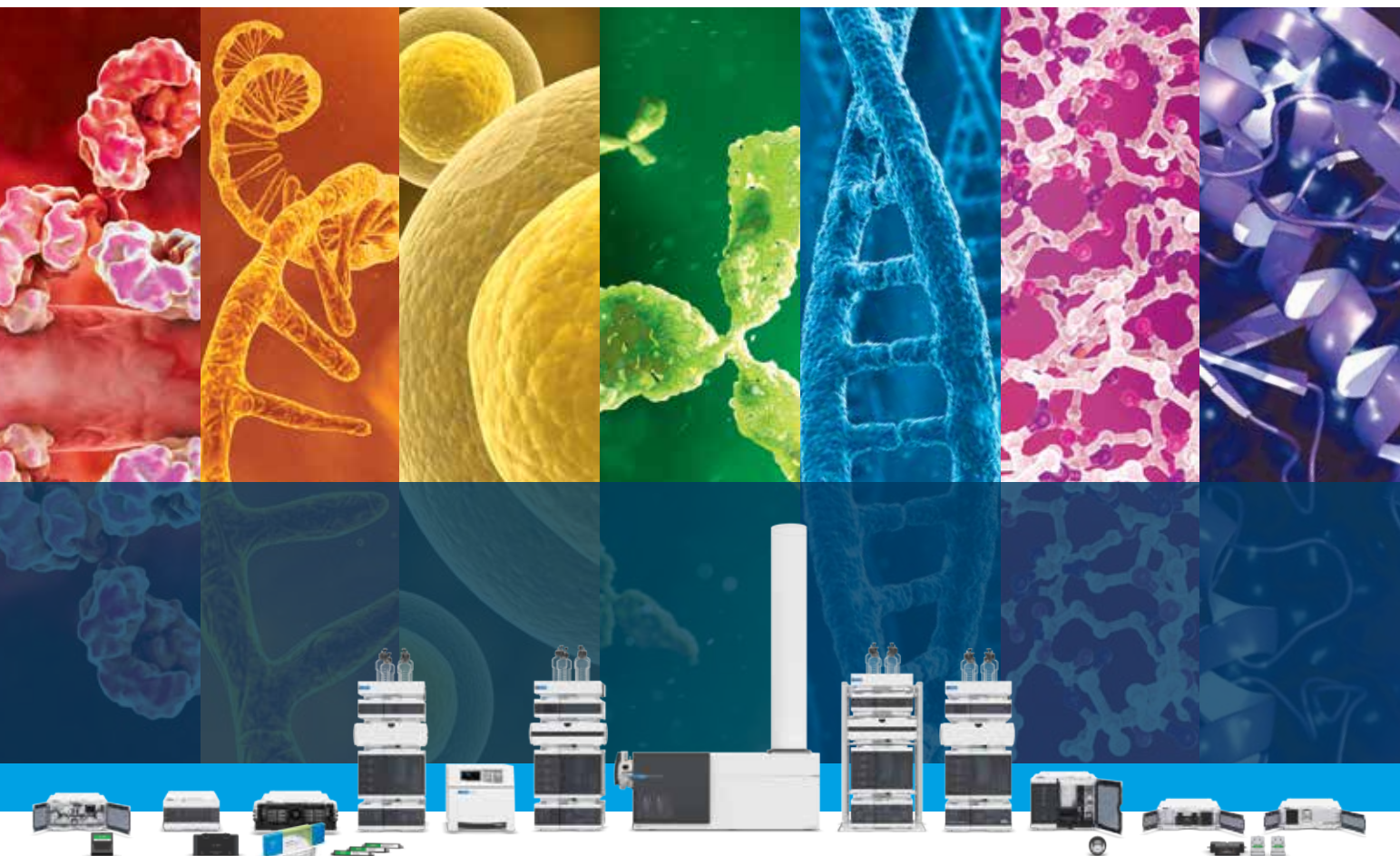
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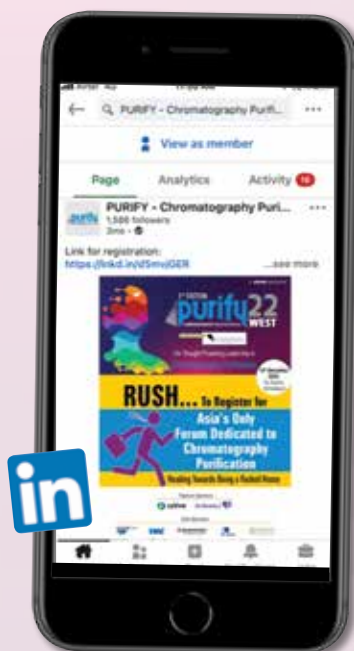
Vivid Campaigns and *Programme*



Vivid Campaigns

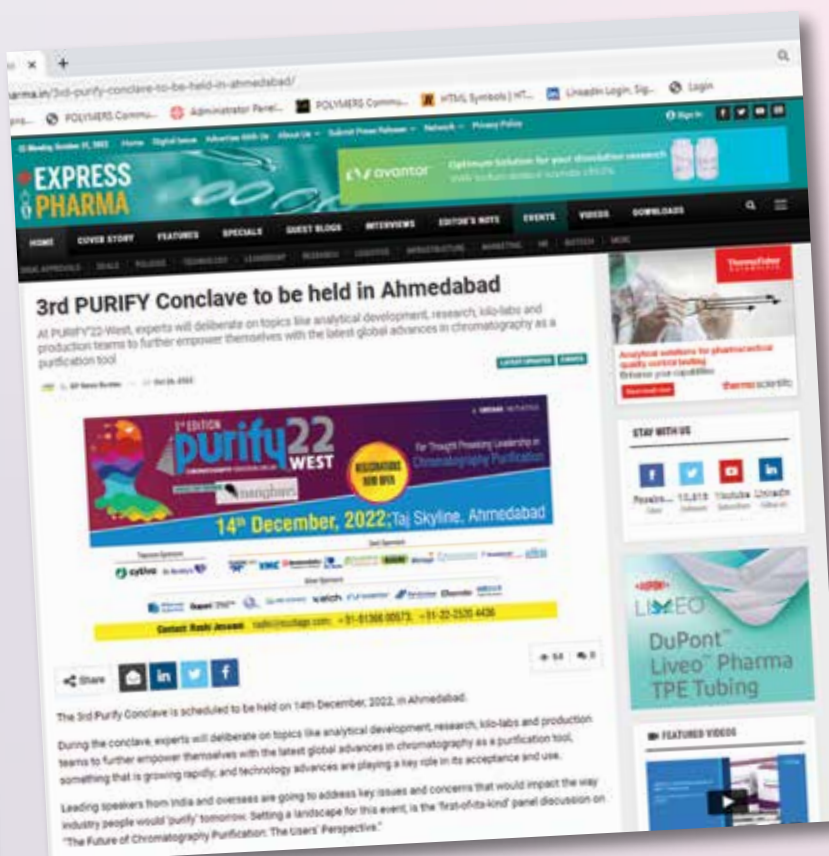
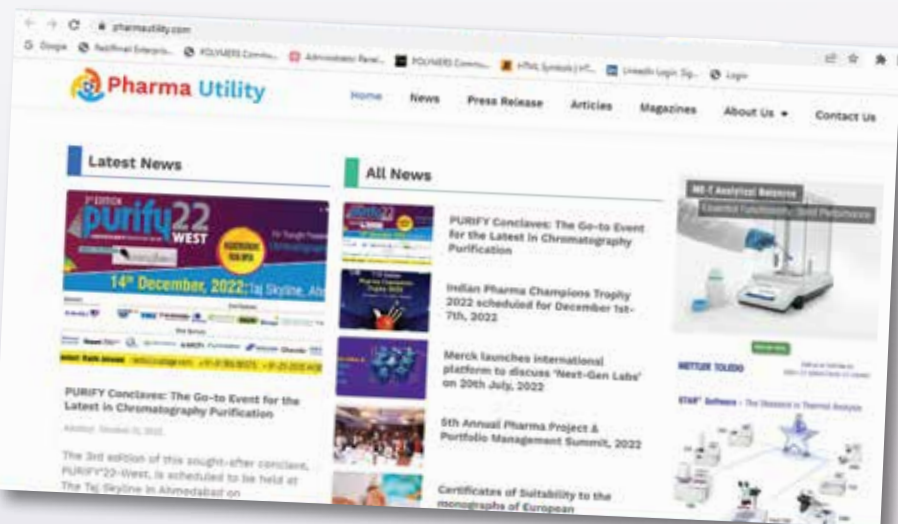
As Rome wasn't built in a day, so was the success of PURIFY'22 WEST. It's been 100+ campaigns that were thoughtfully conceived and diligently implemented. A myriad of platforms were used to put the best foot forward to approach all stakeholders in the business of 'Chromatography Purification'. The result was evident – the big success of PURIFY'22 WEST!







For Thought Provoking Leadership in
Chromatography Purification





Programme

Never before a programme with such diversity of talks, coupled with depth of knowledge. Speakers from PAN India adorned PURIFY'22 WEST.

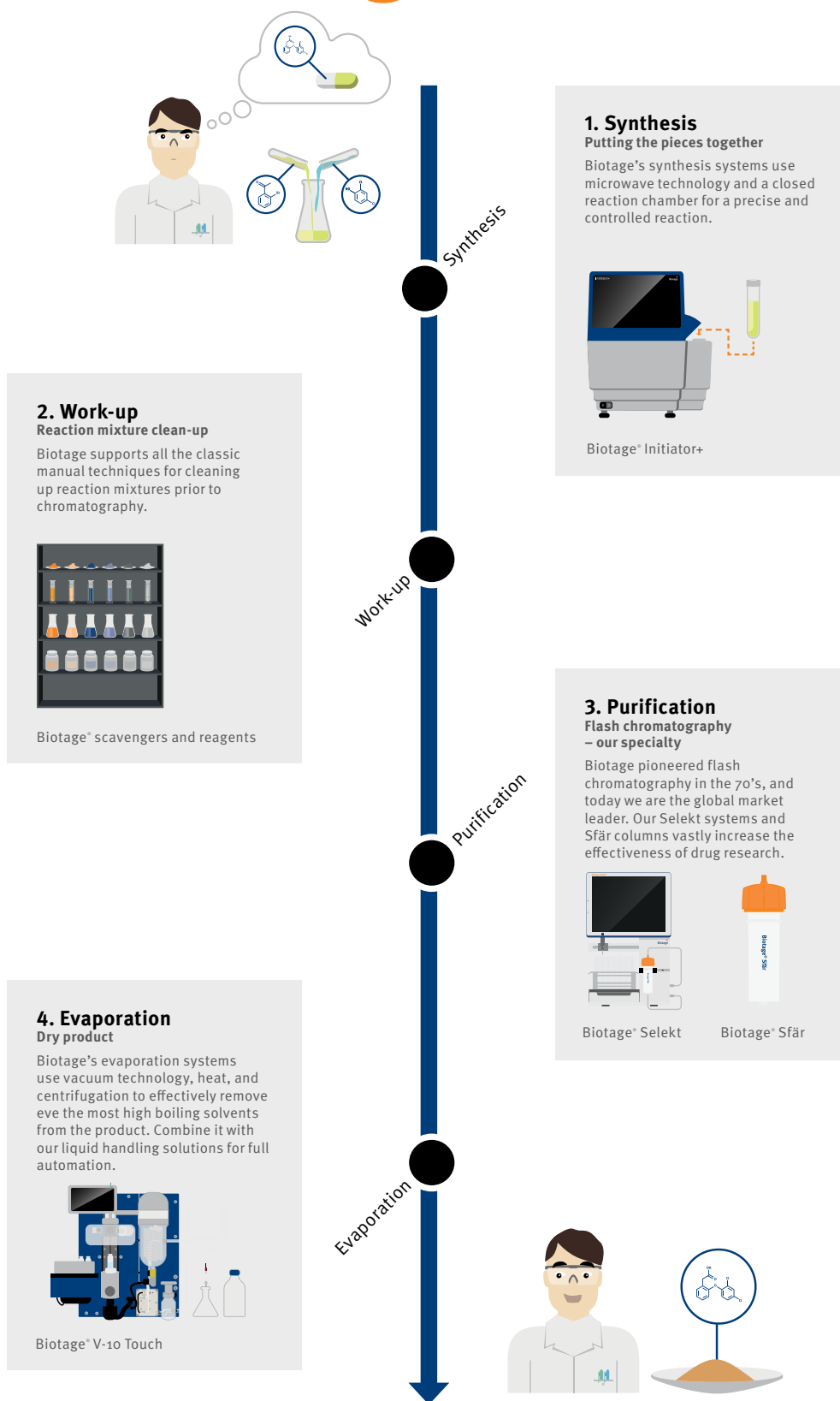


Timing	Presentation	Speaker
9:15 am - 9:30 am	Inauguration and Welcome Address	Advisory Board & Manish Chawla
9:30 am - 9:50 am	Inaugural Address: Increased Availability of Insulin a Must to Meet Escalating Prevalence of Diabetes	Katarina Alenäs , Senior VP Chromatography, Nanologica AB, Sweden
9:50 am - 10:10 am	Improve Purification Efficiency & Reduce Your Purification Footprint: Scouting, Collection and Re-analysis in a Single System	Nirmal Thakkar , LSAG EMEA Sales, Agilent Technologies India Pvt. Ltd.
10:10 am - 10:30 am	You Need COMPASS - Find Your Chromatography Direction Prior to Process Development	Imre Sallay , PhD, Manager, Technical Sales-Business Development, Chromatography Sales Dept., Osaka Soda Co., Ltd., Japan
10:30 am - 10:50 am	Embracing Large Scale Chromatography Purification - Unlocking the Barriers	Rajeev Rehani , Executive Vice President & Head - API R&D, Dr. Reddy's Laboratories Ltd.
10:50 am - 11:10 am	Large Scale SMB - An Insight with Case Studies	Asha A. Oroskar , President & CEO, Orochem, Technologies Inc., USA
11:10 am - 11:30 am	All Carbon Stationary Phase Material for Small and Large Molecule Sample Preparation and Purification	Balaji Sitharaman , PhD, President, Millennial Scientific, USA
11:30 am - 11:50 am	Networking Tea / Coffee Break	
11:50 am - 12:10 pm	Demystifying the Chiral and Achiral Purification Techniques Using Flash, Prep and SFC	G. Srinivasa Rao , PhD, Director-Lab Projects, YMC India
12:10 pm - 12:30 pm	Chiral Separations: Milligram to Metric Tonne Scale	Dharmesh S. Bhatt , Regional Manager S&M, Daicel Chiral Technologies India
12:30 pm - 12:50 pm	Choosing the Right Chromatography Purification Technique for Your Separation	Siva Prasad Patnam , Group CEO, Analytical Technologies Ltd.
12:50 pm - 1:10 pm	Rapid Isolation of Phytoconstituents – Flash Chromatography Purification Made Easy	Dileep Chandra Sreerama , Product Specialist, (Purification Chromatography), BUCHI India Pvt. Ltd.
1:10 pm - 1:30 pm	Benefits of Polymeric Resin in Downstream Purification	Nithyanandham Mailvaganam , Senior Application Manager, Avantor Performance Materials India Pvt. Ltd.
1:30 pm - 1:50 pm	Process Challenges During Purification of Biologics	Rustom Mody , Sr. Vice President and Head R&D (Biologics), Sun Pharmaceutical Industries Ltd.
1:50 pm - 2:40 pm	Networking Lunch Break	



Timing	Presentation	Speaker
2:40 pm - 3:00 pm	Flow-through Column Technology for Pilot and Process Scale Synthesis of Peptides and Oligonucleotides	Lars Holmberg , CEO, PeptiSystems AB, Sweden
3:00 pm - 3:20 pm	Alternate Strategies for Peptide Purification	Jayati Banerjee , Lead - Peptide Workflow, Biotage India Private Limited
3:20 pm - 3:40 pm	Peptide Purifications Using Consistent Buffer Conditions in Both Ion-Exchange and Reverse Phase Chromatography	Ravi Rayanade , Technical Consultant – Business Development, S-Amit Group
3:40 pm - 4:00 pm	Predictive Approach for Resin Life Cycle	Sethu Madhavan S. , Vice President, Global Manufacturing Operations, Insulin Business Unit, Biocon Ltd.
4:00 pm - 4:30 pm	Panel Discussion - Future of Chromatography Purification: A Users' Perspective	Muralidharan Chandrakesan , Associate Vice President, Auropeptide Ltd.; M. Damodharan , Chief Quality Officer & Head, Sai Life Sciences Ltd.; Somesh Sharma , Sr. Vice President - Discovery & Development Solutions; Aragen Life Sciences
4:30 pm - 5:00 pm	Networking Tea / Coffee Break	
5:00 pm - 5:20 pm	Purification of Natural Compounds Using Sephadex LH-20	Dinesh Krishnan , General Manager – Downstream, Cytiva
5:20 pm - 5:40 pm	Innovations in SFE and SFC	Brice Sarraill , Managing Director & CTO, SFE Process, France
5:40 pm - 6:10 pm	Panel Discussion - Advances in Use of Chromatography in Natural Product Purification	Jyotish Srivastava , HOD-Chemical Science in Drug Discovery & Development Division, Patanjali Research Institute; Rahul Singh , Head - Corporate Analytical Design Excellence, Emami Limited; Vandita Srivastava , PhD, Member, Board of Directors & Research Advisor, QCS Herbals
6:10 pm - 6:30 pm	Achieve High Throughput Purification Using Automated Solutions	Navin Devadiga , PhD, Assistant Manager - Drug Discovery Solutions, Shimadzu Analytical (India) Pvt. Ltd.
6:30 pm - 6:50 pm	Emerging Trends in Software Focussed Purification - Flash to SFC	Joshua Lovell , Product Manager, Teledyne ISCO, USA
6:50 pm onwards	Lucky Draw and Networking Mocktails & Dinner	

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600ml/min	15 MPA (2175 Psi)	±0.5%	✓	✓
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Inaugural Address: Increased Availability of Insulin a Must to Meet Escalating Prevalence of Diabetes

Insulin has been used for treating diabetes for 100 years. The rising incidence of diabetes globally is driving an increased demand for insulin and other diabetes drugs, such as GLP-1 receptor agonists. In the India-Pakistan-Bangladesh region alone 120 million people are diabetics, a number expected to almost double by 2045.

Production of insulin is expensive which has created a high pressure on Biopharma companies to reduce production costs. Chromatography will play a vital role in enabling production of affordable insulin to a larger number of patients, in India and in the rest of the world.

Nanologica is a Swedish nanotech company focussing on nanoporous silica for almost 20 years. Our mission is to make insulin and other peptide drugs cheaper to produce, by introducing more cost-effective processes during production. Our new generation silica-based chromatography material NLAB Saga® has been especially developed to withstand the conditions used in industrial scale purification of insulin, GLPs and other peptides.

We believe joined forces are needed to increase the availability of insulin – from Government Initiatives and support actions, to WHO promotion of local manufacturing capacity and R&D centres in under-served regions, to business partners contributing to lowering manufacturing costs. Together we can save lives.



Katarina Alenäs,
Senior VP Chromatography,
Nanologica AB, Sweden

Improve Purification Efficiency & Reduce Your Purification Footprint: Scouting, Collection and Re-analysis in a Single System

The talk “Improve Purification Efficiency & Reduce Your Purification Footprint: Scouting, Collection, and Reanalysis in a Single System” covers about the challenges the various industries are facing with respect to Purification system and the Solutions available with Agilent. It also covers about how an analyst workflow can be simplified ultimately resulting in increasing efficiency of the Lab. It also focuses on how various solutions can be useful to reduce your lab footprint as lab space is a big challenge for most of the companies. It also talks about the solution where a single system can be used for Method scouting, preparative and analytical purpose. It addresses the challenges across industries like Pharmaceuticals, Drug Discovery, Bio-Pharmaceuticals, Chemical and Energy, Food and Pesticides, Academia, etc. It addresses challenges like Automation, High throughput, Specificity, Purified Compounds Analysis, Speed and Scalability, Future proof and upgradability and Flexibility. Overall, it covers the Solution approach to improve the purification efficiency and productivity of the Lab.



Nirmal Thakkar
LSAG EMEAI Sales,
Agilent Technologies India Pvt. Ltd.

You Need COMPASS - Find Your Chromatography Direction Prior to Process Development

Peptide based API purification projects are reaching the highest numbers, the workload on purification process development people is increasing. To do a decent job developers are supposed to find the best stationary phase for the new specific purification job, but the number of projects is increasing, the number of candidate phases (columns to screen) is increasing and time is getting shorter.

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The COMPASS concept will be explained and a great number of examples will shed light of the beauty of employing different separation principles to achieve your goal.

Don't miss our COMPASS to help you out of the jungle!



Imre Sallay, PhD
Manager, Technical Sales-Business
Development, Chromatography Sales Dept.,
Osaka Soda Co. Ltd., Japan

Embracing Large Scale Chromatography Purification - Unlocking the Barriers

The commercialization of large scale chromatography purification has been gained momentum not only in the biopharmaceutical area but also in manufacturing of complex API's such as peptides, polysaccharides & semisynthetics from natural/animal sources. The demands for such products are growing and large scale chromatography process creates a competitive edge in the global pharmaceutical markets.

Large scale chromatography purification process facing various barriers such as scalability risks, costs, reproducibility issues, strict regulatory requirements etc. Here the author presenting his insights by embracing these technologies to stay top on the competition. The author elaborates the salient features of large scale chromatography technologies and the significance of process design parameters whose variability at scale can be minimized.

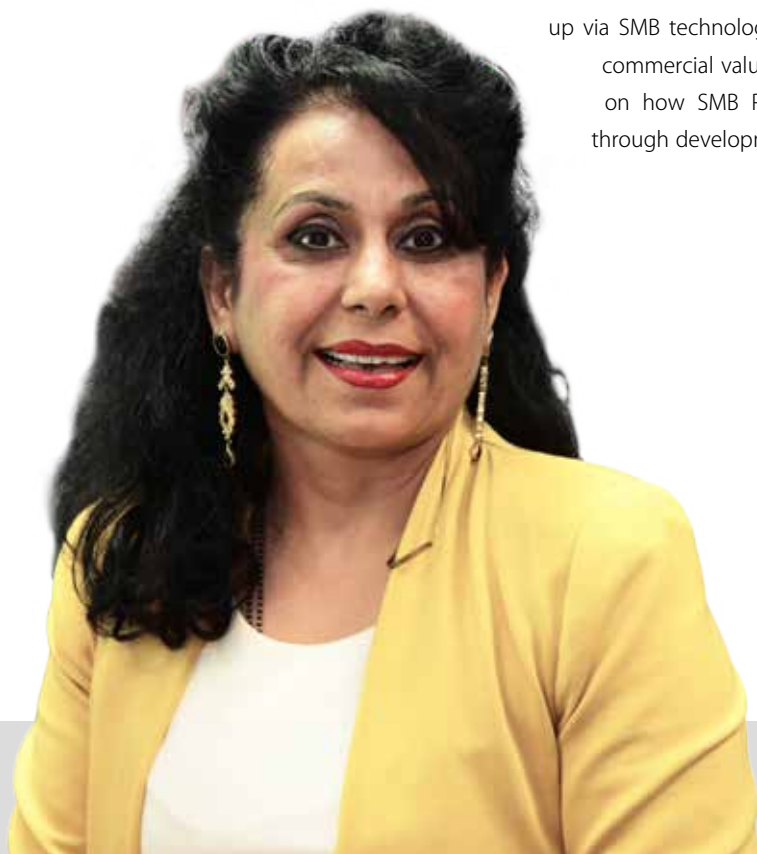


Karthik Ramasamy

Associate Vice President – Chromatographic
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Dr. Reddy's Laboratories Ltd.

Large Scale SMB - An Insight with Case Studies

Simulated Moving Bed Chromatography (SMB) was invented at UOP in the late 1950s to address the Lead Phase Down of Gasoline. Separation of Normal Paraffins from Iso Paraffins was achieved on a very large scale because of SMB. Since 1950s hundreds of SMB processes have been commercially implemented for Petrochemicals, Industrial Chemicals, Food, Pharmaceuticals and Natural products. SMB Processes fundamentally are chromatography processes engineered to achieve highest degree of Purity, Yield, and Process Intensity. Orochem Technologies Inc., based in USA is the world leader in development and commercialization of SMB Processes around the world. Orochem serves the Nutraceutical and Pharmaceutical Industry to invent new SMB processes for purification of molecules on a commercial scale. Various chromatography techniques such as Normal Phase, Reverse Phase, HILIC Phase, Ion Exchange and Molecular Sieves which are normally used for analytical purposes are scaled up via SMB technology for production scale for unique molecules for their commercial value. This presentation will outline with specific examples on how SMB Processes are developed at Orochem from Research through development to large scale commercial installations.



Asha A. Oroskar

President & CEO, Orochem
Technologies Inc., USA

All Carbon Stationary Phase Material for Small and Large Molecule Sample Preparation and Purification

Synthetic graphitic carbon and bonded silica stationary phase materials are the earliest studied media for reverse-phase liquid chromatography. This presentation highlights our recent efforts to develop novel carbon-based stationary phase media using natural graphite as the starting material. First, an overview and unique capabilities of carbon-based stationary phase material will be discussed. Further, its differentiation over the current state-of-art chromatography media for small and large molecule sample preparation and purification will be elucidated.



Balaji Sitharaman, PhD
President, Millennial Scientific, USA

Demystifying the Chiral and Achiral Purification Techniques Using Flash, Prep and SFC

YMC India was established in 2008 with a vision to create a brand value by delivering the BEST quality product, services & support to customers. Liquid Chromatography is being area of forte to YMC with our world class products reached pinnacle. In 2019, YMC India LAB started offering analytical and purification services (mg- multi Kgs scale), isomeric and complex impurities synthesis, chiral application lab to develop chiral methods by setting up first class facility in Hyderabad compliance of ISO 9001:2015 and GMP certifications. Experienced scientists from Industries have been appointed and highly sophisticated state of the art lab equipped with brand new key Analytical HPLCs, Preparative HPLCs, DAC Prep systems, SFC analytical and prep, flash systems and UHPLC MS etc. In the coming months, we will strengthen our facility, team gradually to cater huge challenging demands of our Indian and global customers by following good laboratory practices.

In Purify conclave, I will be sharing the case studies of our lab activities and my experiences in identifying the right purification technique to isolate critical chiral and Achiral compounds using Flash, DAC or SFC preparative systems.



G. Srinivasa Rao, PhD
Director-Lab Projects, YMC India

Chiral Separations: Milligram to Metric Tonne Scale

The art of enantioseparation has seen a most dramatic development and progress over the last three decades, maturing from a specialty field of a few experts to an area of major scientific and economic interest. Chiral Chromatography offers quick way of separating enantiomers from racemic mixtures compared to asymmetric synthesis. Selection of the chiral stationary phase (CSP) is an important consideration in separating enantiomers while using High-Performance Liquid chromatography (HPLC), Supercritical Fluid Chromatography (SFC), and Simulated Moving Bed (SMB) Chromatography. Daicel's Immobilized CSPs has opened huge opportunities with regard to selectivity and solvent compatibility for chiral separations using LC, SFC and SMB. Chiral separation of samples with poor solubility was well addressed with the help of immobilized chiral columns. Typically, prep HPLC and prep SFC techniques are commonly employed in quick separation of few milli gram to Kg scale to support drug discovery and development activities. Batch chromatography system consisting of Process scale LC with DAC columns are capable of separating the racemates in the range of multi-Kg to multi hundred Kg scale, whereas SMB is an efficient tool for commercial production of chiral drugs in multi hundred Kg to metric ton scale. In summary, chiral chromatography is integral part of drug discovery to commercial production of chiral drugs.



Dharmesh S. Bhatt
Regional Manager S&M,
Daicel Chiral Technologies India

Choosing the Right Chromatography Purification Technique for Your Separation

- PRINCIPLES OF LIQUID CHROMATOGRAPHY
- Chromatography types
- Classification Of LC
- CHROMATOGRAPHY Techniques
- Analytical Lab Scale LCMS & LCMSMS
- Analytical Lab Scale Chromatography
- Semi-preparative high performance liquid chromatography system
- Pilot Scale PREP HPLC/GPC with ELSD & DAD
- PREP and production HPLC
- DAC Column
- Production HPLC System
- FPLC (Fast protein liquid chromatography) or (Fast performance liquid chromatography)
- DAC Columns
- TYPES OF LIQUID CHROMATOGRAPHY
- Low- and Pressure Liquid Chromatography
 - Low-performance liquid chromatography
 - Liquid Chromatography Mass Spectrometry (LCMS/MS)
 - BIO LC for Clinical Diagnostics
 - SMB Lab Scale CHROMATOGRAPHY
 - SMB Pilot CHROMATOGRAPHY
 - SMB Production CHROMATOGRAPHY
 - HSCCC(HIGH SPEED COUNTER CURRENT CHROMATOGRAPHY)
 - FFF system (Field Flow Fractionation)
 - Thin layer chromatography (TLC)
 - Ion Chromatography System
 - Gas Chromatography
 - Portable Chromatography Remote



Siva Prasad Patnam

Group CEO,
Analytical Technologies Ltd.

Rapid Isolation of Phytoconstituents – Flash Chromatography Purification Made Easy

One modern technique for isolating chemical components is flash chromatography. About 10,000 distinct chemicals have already been identified from the accessible plant species, and 119 of them are now being employed in modern pharmacotherapy. This indicates that natural-source medications outperform synthetic ones by a factor of more than 1 in 1000.

Due to the lack of commercially available reference substances, the necessity for rapid isolation, or technique development and scale-up of phytoconstituents, is extremely pressing in Natural products.

Commonly the plant extracts will contain 100's of phytoconstituents with very low concentrations and most of them are UV active some like alkaloids, saponins are non-UV active, to isolate the complex Phyto mixture it need Universal type detector setup that is PDA (200-800 nm) and ELS Detector to isolate both, and scale-up should with repeatability is very important.

The process of creating a new medicine is difficult, expensive, and time-consuming. To solve the solubility problems that arise during the isolation of phytoconstituents in large volumes, Advance Flash Chromatography is highly necessary in today's isolation techniques. Therefore, the large volume of sample must be loaded in both solid and liquid forms. A universal detector setup with PDA, ELSD, and Mass is also required, as well as high back pressure pumps with excellent gradient accuracy.



Dileep Chandra Sreerama
Product Specialist (Purification
Chromatography), BUCHI India Pvt. Ltd.

Benefits of Polymeric Resin in Downstream Purification

The topic focuses towards down-stream separation process and varied challenges customer face while working in downstream process.

It covers myths & facts around backpressure generation that relates to particle sizes. Evidential case study establishes the facts like column packing guidance. Different types of polymeric resins and case study on Bakerbond PolyQuat for downstream purification of Monoclonal Anti-body, Recombinant Protein, PEGylated protein provides the criticality and significance of polymer resins. Bakerbond Polymeric resins functions as a weak anion exchange resin with improved selectivity for superior separation in process chromatography applications.



Nithyanandham Mailvaganam

Senior Application Manager,
Avantor Performance Materials India Pvt. Ltd.

Process Challenges During Purification of Biologics

Mammalian cell culture process can pose challenges if some of the residual host cell proteins having enzymatic activity are co-purified with the product. Trace amount of endogenous host cell enzymes can lead to the formation of undesirable product-related impurities which are often difficult to remove. Enzymes that can affect the quality of the recombinant products include proteases, glycosidases, sialidases and lipases. In view of these challenges, it is necessary to develop a risk-based processes that reduces the generation of product-variants. Presentation focuses on some case studies that describes protection against enzymatic action on the target protein.



Rustom Mody

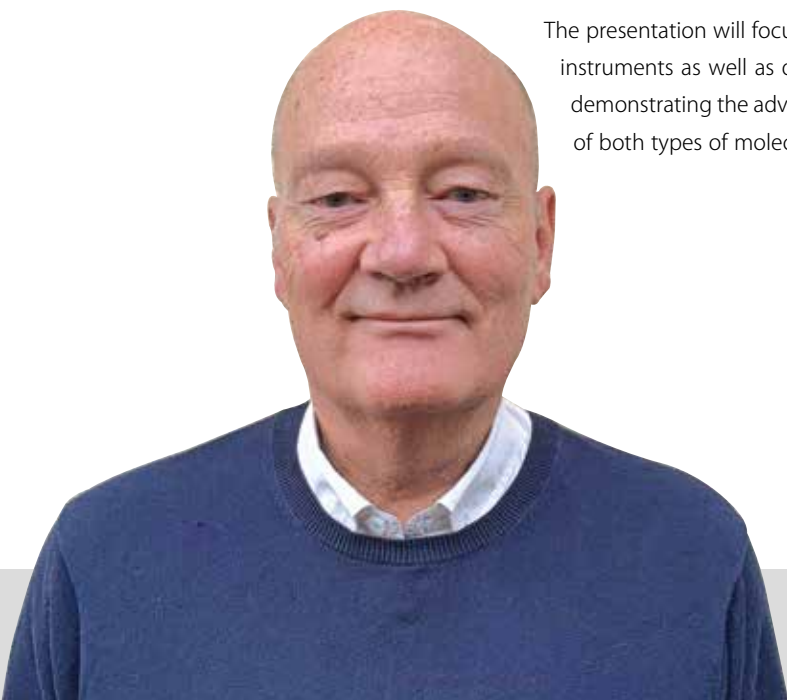
Sr. Vice President and Head R&D
(Biologics), Sun Pharmaceutical
Industries Ltd.

Flow-through Column Technology for Pilot and Process Scale Synthesis of Peptides and Oligonucleotides

A new generation instruments based on flow-through column technology has been developed for process development and manufacturing of both peptides and oligonucleotides. Moving from batch reactor to flow-through column technology will transform the way peptides are produced, similarly as for oligonucleotides more than 20 years ago. Packing the resin in a column instead of a stirred reactor lead to several advantages:

1. In-line monitoring lead to exact process control by process analysis and detailed feedback.
2. Resin tightly packed in a column lead to reduced reaction volume, higher concentration of reagents at reactive centers on resin, faster reactions, higher product purity, and reduced amounts of solvents needed.
3. Easy and smooth scale-up: parameters optimized at small scale provide easy and smooth scale-up to commercial manufacturing.
4. Short lead time provided by an automated instrument for synthesis at large scale will lead to 5-10 times higher throughput.

The presentation will focus on the design and capability of the new fully automated instruments as well as data generated for different peptides and oligonucleotides demonstrating the advantages with flow through column technology for synthesis of both types of molecules.



Lars Holmberg
CEO, PeptiSystems AB, Sweden

Alternate Strategies for Peptide Purification

Preparative Reversed phase HPLC is the traditional, established and most sought after technique for routine purification of crude synthetic peptides. However, chemists can encounter major purification challenges with this technique, such as low loading amounts, long purification time, high solvent usage, and low recovery amounts with the requirement of multiple injections to enhance recovery. In addition, crude peptide may contain impurities with similar retention time as that of the parent peptide making it even more challenging to purify. Clearly, peptide purification remains the major bottleneck in the peptide synthesis workflow. In this presentation, how High Performance Flash Column Chromatography (HPFC) system with reverse phase specialized Biotage® Sfär Bio C18/C4 columns can play an alternate role to overcome this major purification bottleneck in peptide workflow will be discussed in detail, citing relevant examples and case study.



Jayati Banerjee

Lead - Peptide Workflow,
Biotage India Private Limited

Peptide Purifications Using Consistent Buffer Conditions in Both Ion-Exchange and Reverse Phase Chromatography

Reversed phase chromatography (RPC) is the preferred choice for peptide purifications and it usually generates high purity and corresponding good yields. However, a challenge is posed due its exposure to high impurities leading to early fouling of the expensive RPC resin. Additionally, due to the delicate silica backbone of the RPC resin, it has low tolerance to harsh cleaning conditions, further compounding the challenge. Introduction of an orthogonal step containing an ion-exchange resin (IEX) – upstream of RPC helps tackle this challenge. We present two case studies demonstrating the use of IEX & RPC as two orthogonal steps, wherein using IEX before RPC using same consistent buffer conditions as RPC, helps eliminate majority of the impurities and thus mitigating the risk of RPC resin fouling on one hand and resulting in ultimate higher purities and yields on other.



Ravi Rayanade

Technical Consultant – Business
Development, S-Amit Group

Purification of Natural Compounds Using Sephadex LH-20

Sephadex™ LH-20 is a multimodal medium designed for molecular sizing & partition coefficient between the stationary and mobile phases. It has some unique characteristics to purify small molecules, flavonoids, pesticides, fragrances and many more plant extracts like phenolic substances. Due to the chemical and physical robustness of the resin, a robust and consistent process can be developed. Preparative gel chromatography separations on Sephadex LH-20 with pure organic solvents as eluents holds considerable future promise, particularly in view of the many separation problems encountered in the area of Natural products.”



Mihir Ranjan Sahoo

Lead Application Specialist,
Cytiva; Hyclone Life Sciences
Solutions Pvt. Ltd.

Innovations in SFE and SFC

SFE Process is a creator of innovative solutions, passionate about supercritical fluid technology.

Our customer's process lies at the core of our solutions and animates our team in its drive to develop innovative solutions by using the great fluid that is ScCO_2 , which offers possibilities of opening up to a more virtuous world.

Our team is made up of experts in design, process, automation and mechanical engineering.

The proposed solutions are suitable for research, from laboratory scale to production and industrial scale.

Innovation is part of the company's DNA. Our goal is to challenge what is already out there in terms of solution and equipment and thus approach the field of supercritical fluids with a new eye and bring our innovation such as the use of water in co-solvent in extraction equipments in order to extract peptides and polyphenols.

Our team's motivation is to democratise the SCCO_2 technology to make it accessible to the greatest number. For this, we surround ourselves with professionals in the field specialized in the development of SFC methods, the choice of media, etc... In order to offer our clients the best service.

The SFC was therefore a natural choice for SFE Process. It helps accompany the customers even further, while maintaining this desire to bring expertise and innovation to the service of development.

SFE Process is working to take SFC to a higher level by further exploring, for example, the potential of SFC free solvent. This makes SFE Process the perfect partner for complete solutions on both SFE and SFC, making it possible to purify small and large molecules, from the laboratory to industrial deployment. Thanks to our expertise on extraction equipment in the pharmaceutical field, we will be able to accompany the customer in his GMP qualification of the SFC, in their industry.



Brice Sarraill

Managing Director & CTO, SFE Process,
France

Achieve High Throughput Purification Using Automated Solutions

Laboratory workflow advancements are having a significant impact on the quality of work performed in laboratories around the world. Automating laboratory tasks improves the overall efficiency of experimental processes by allowing for higher throughput of experiments. Automation can be used anywhere from a single step of an experimental process, all the way through to the entire workflow. Shimadzu provides end-to-end automated solutions, be it for routine analysis or for the development of new methods or to the automated scaleup of methods to Prep scale.

To help enhance productivity in compound purification and isolation, Shimadzu primarily offers two automation solutions, ASAPrep (Automated Scale-up from Analytical to Preparative) & UFPLC (Ultra-Fast Preparative and Purification Liquid Chromatograph). ASAPrep is a unique solution to automate and optimize the purification process. It is designed to deliver the highest purity and recovery of a collected preparative fraction. The Prominence UFPLC provides a comprehensive automated solution for preparative separations, fraction purification and compound powderization, contributing greatly to improved efficiency in complex samples such as organic synthesis reaction mixtures and natural products. Compared to conventional workflows, the Prominence UFPLC single automated workflow delivers ultrahigh purity compounds in about 90 minutes rather than powder with poor weight purity in eight hours or more.

The success of laboratories lies in optimized workflows and now's the time to focus on your research and leave the manual steps to Shimadzu's automated solutions.



Navin Devadiga, PhD
 Assistant Manager - Drug Discovery Solutions,
 Shimadzu Analytical (India) Pvt. Ltd.

Emerging Trends in Software Focussed Purification - Flash to SFC

“PeakTrak: From Flash Chromatography to SFC – Software Focused on Purification”

At the core of an efficient and successful organic synthesis is a purification performed by the chemist doing the synthesis, decreasing reliance on other groups and faster turnaround time. PeakTrak® software at the heart of all of our preparative chromatography instruments creates a streamlined and straightforward user interface centered on purification enabling chemists to perform their own separations, quickly and efficiently. This talk will discuss how PeakTrak's tools focused on preparative purification outcomes in flash chromatography has been applied to enable synthetic chemists to perform their own preparative HPLC and SFC separations in the same practical and effortless approach.



Joshua Lovell

Product Manager, Teledyne ISCO, USA



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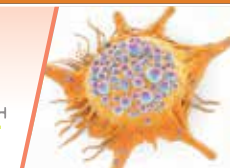


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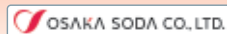
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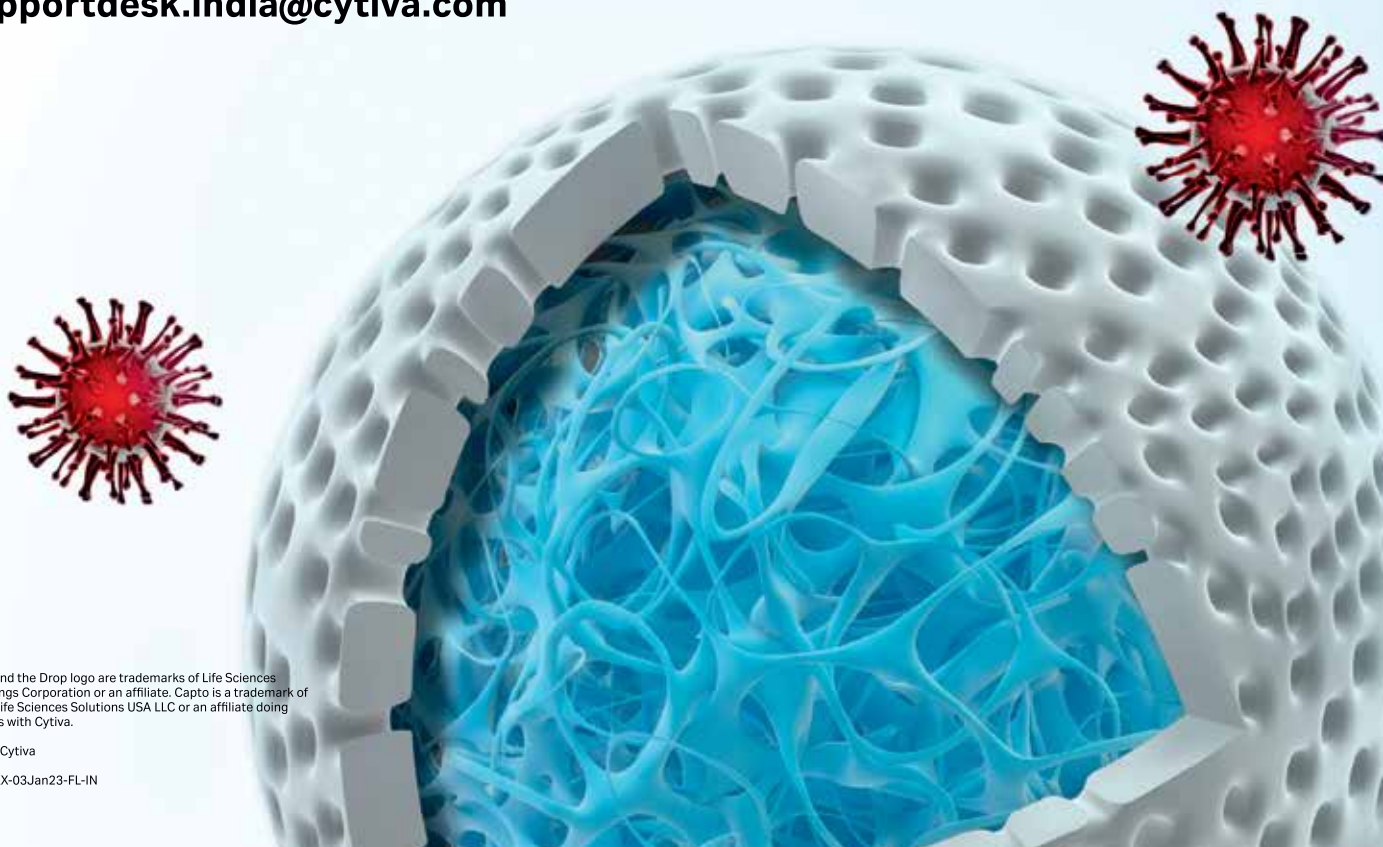
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CHIRALPAK® IB N-5 / IB N-3

CHIRALPAK® IC / IC-3 / IC-U

CHIRALPAK® ID / ID-3 / ID-U

CHIRALPAK® IE / IE-3

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CHIRALPAK® IH / IH-3 / IH-U

CHIRALPAK® IJ / IJ-3

CHIRALPAK® IK / IK-3 

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Protein Type

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CHIRALPAK® CBH

CHIRALPAK® HSA

Coated Type

CHIRALPAK® AD/AD-H/AD-3 AD-R/AD-RH/AD-3R

CHIRALPAK® AS/AS-H/AS-3 AS-R/AS-RH/AS-3R

CHIRALPAK® AY-H/AY-3 AY-R/AY-RH/AY-3R

CHIRALPAK® AZ-H/AZ-3 AZ-R/AZ-RH/AZ-3R

CHIRALCEL® OD/OD-H/OD-3 OD-R/OD-RH/OD-3R

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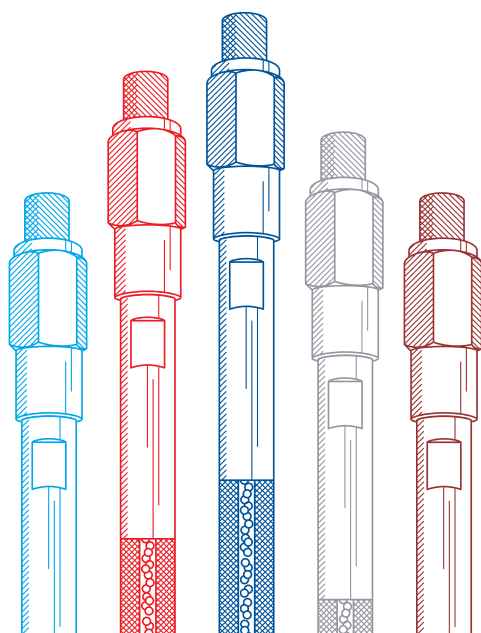
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Anion-exchange type

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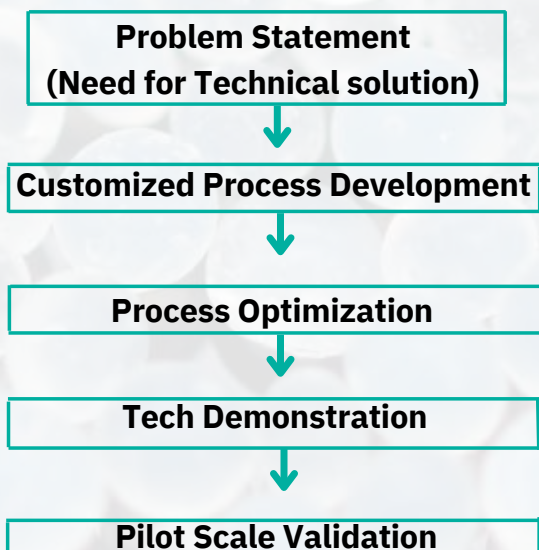
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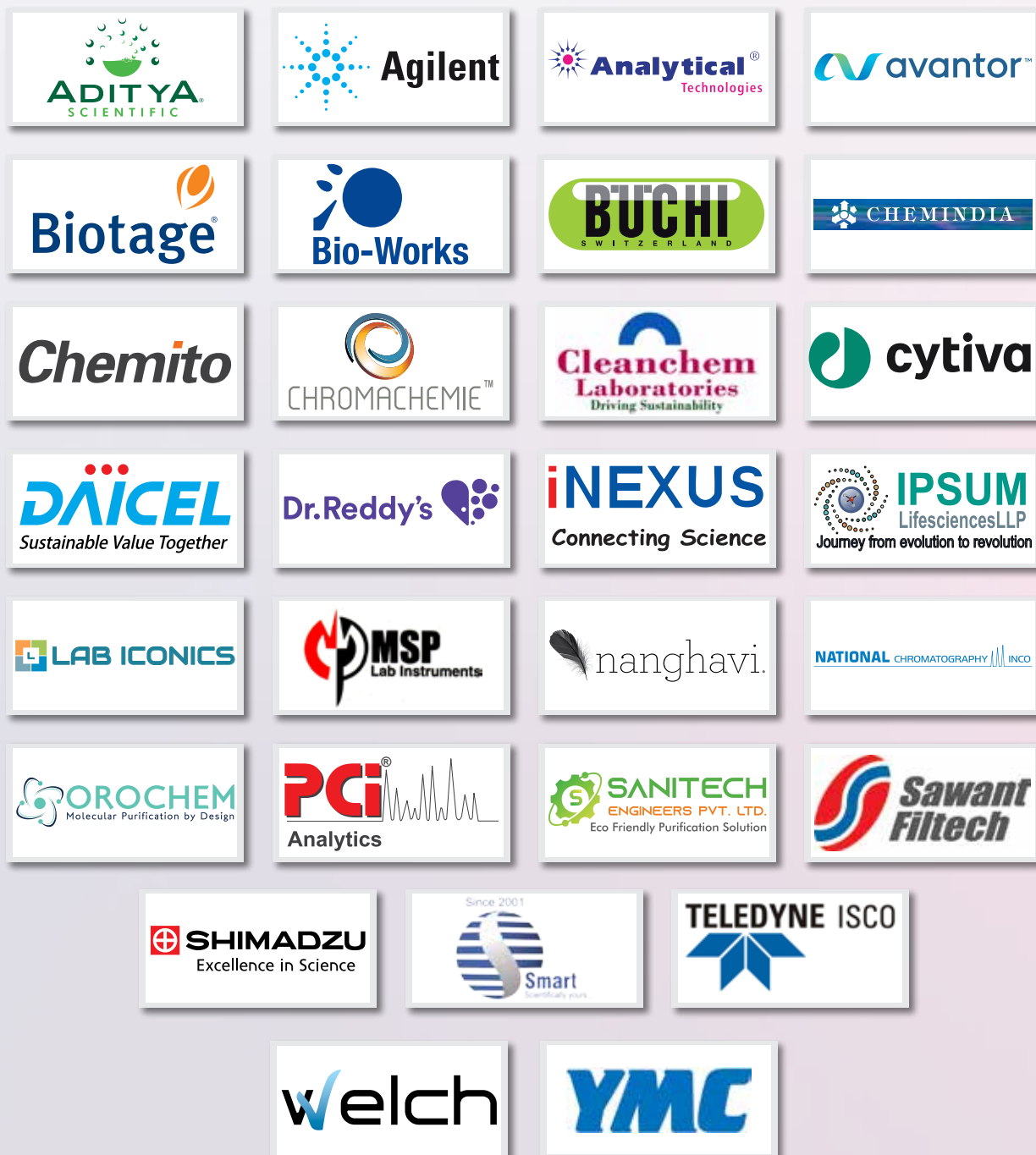








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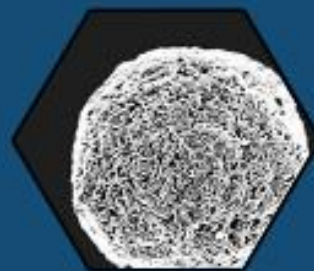
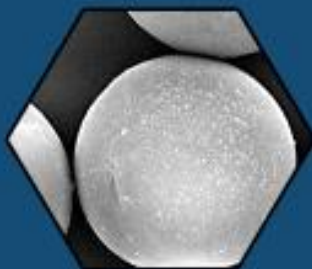
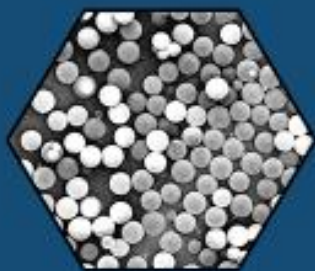
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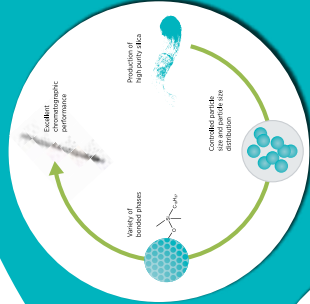
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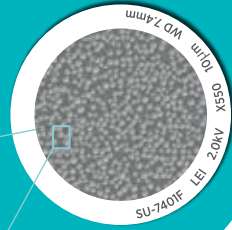
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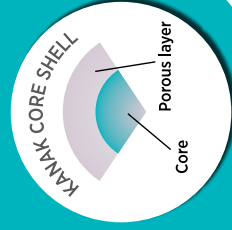
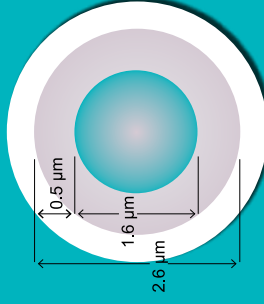
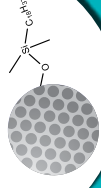
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- N_{0.5} (toluene) typically 110 000 plates/m
- USP tailing (toluene) < 1.1
- Reduced plate height (h) ≤ 2.0

Chromatographic
resin stable between
pH 1-9 (C18) and pH 1-8
(C4 and C8)



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Feedbacks and More...





PURIFY'22 WEST provided us with a good opportunity for learning new aspects of chromatography that would help us to grow.

Abhijeet Ghogare
Research Incharge - R&D
Aarti Research and Technology Centre

“

The topic of large scale chromatography presented by Dr. Karthik Ramasamy at PURIFY'22 WEST was interesting.

Rajendra Sonawane
Manager, AMI Lifesciences Pvt. Ltd.

”

Learnt a lot about new technical updates, about new purification media and instruments at PURIFY'22 WEST.

Nilesh Patil
General Manager, Apicore
Pharmaceuticals Pvt. Ltd.

”
The networking opportunities are very good. Thanks to Team Purify'22.

Harshawardhan Agarkar
Regional Manager, Sales, Advion
Interchim Scientific (P) Ltd.

“

“ We liked the overall branding and arrangements at PURIFY'22 WEST.


Chirag Khambhati
Agilent Technologies
India Pvt. Ltd.

”

”
PURIFY'22 WEST provided us with good information on current trends in purification accompanied with networking opportunities.

Anand Vijay Mantri
Senior Manager, Ami Lifesciences Pvt. Ltd.

“



PURIFY'22 WEST presented more focus on peptide purification challenges.

Ramesh Pawar

Sr. Manager, ARD, Apicore Pharmaceuticals Pvt. Ltd.

PURIFY'22 WEST offered good networking opportunities and a chance to meet old acquaintances.

Raghunath Rao Putta

Regional Sales Manager, Chromatography, Avantor Performance Materials India Pvt. Ltd.

PURIFY'22 WEST provided a good insight into new technologies and networking opportunities.

Amit Phatale

Associate Scientific, Manager II, Biocon Limited

The topics of purification science presented at PURIFY'22 WEST were interesting.

Abhijit Roy

Strategy & Marketing Manager, Avantor Performance Materials India Pvt. Ltd.



For Thought Provoking Leadership in
Chromatography Purification

“

At PURIFY'22 WEST, presenters shared their experience on the challenges faced by them and showed the road map ahead.

Rakesh Kumar
Senior Manager, Biocon Limited

”

“

It was great to see industry leaders on one platform at PURIFY'22 WEST.

Ankur Agarwal
Country Head, Biolab Chemicals India Pvt. Ltd.

”

“

The pre-event communication by PURIFY'22 WEST team was fantastic.

Rakesh Shekhawat
VP, Analytical and Formulation Development, Biosciences Corp

“

The panel discussions at PURIFY'22 WEST were interesting.

Nimisha Pandey
Country Manager, Biotage India Pvt. Ltd.

”

”



PURIFY'22 WEST provided a platform to know about companies tackling chromatography problems and solutions to overcome them.

Manish Thakur
Business Development Manager,
Buchi India Pvt. Ltd.

“

PURIFY'22 WEST presents a good platform to meet, network and exhibit all the products related to purification.

Malladi Srinivas
Chief Scientific Officer, Chromachemie Laboratory Pvt. Ltd.

”

“

PURIFY'22 WEST is a knowledge forum focussed on chromatography purification packed with informative lecture slots and also offering excellent networking opportunities.

Kapil Joshi
Senior Manager, Sales & Technical Support,
Chemito Technologies Pvt. Ltd.

”

It was great to network with vendors and got to know about the advancements in the field of chromatography at PURIFY'22 WEST.

Akhilesh Bhardwaj
Asst. Manager, Cipla Limited

”

“ At PURIFY’22 WEST, the panel discussion on - advances in use of chromatography in natural product purification was interesting.

Kishor Mankar
Senior Manager, Sales & Technical Support,
Chemito Technologies Pvt. Ltd.

“ The presentation at PURIFY’22 WEST by Imre Sallay was very interesting.

Parag Kurle
Sr. Manager, Cipla Limited

At PURIFY’22 WEST, got a few important contacts during the networking session.

Richa Chawada
BD & Project Managements,
Cleanchem Laboratories LLP

“ The panel discussions on introduction of automation and digitalisation of purification process in the industry at PURIFY’22 WEST was of interest to me.

Anand Dhiman
GM-R&D, Concord Biotech

“ The complete subject of chromatography was covered at PURIFY’22 WEST.

M. M. Merchant
GM-ADL, Concord Biotech

Beyond Business

Every attendee’s chest swelled as it was pride that we shared at PURIFY’22 West! The spirit of India! An invaluable marvel that would add an unprecedented dimension to wherever it is placed. Jai Hind!



“

PURIFY'22 WEST provided good information about where the market is heading and what needs to be done to be on track.

Ankit Sunil Kawale
Dr. Reddys Laboratories Ltd.

”

“

I was impressed by the information and knowledge shared by the speakers and sponsors at PURIFY'22 WEST.

Satish Kailas Kyatam
Executive, Gufic Biosciences Pvt. Ltd.

”

“

It was the first time PURIFY was covering the West region.

Anand Khatavkar
Director, Sales & Marketing, Daicel Chiral Technologies (India) Pvt. Ltd.

”

“

All the sessions at PURIFY'22 WEST were good and provided an opportunity to understand new concepts including panel discussions. Workshop with live demo in conference is highly appreciated.

N. M. Sekhar
Dr. Reddys Laboratories Ltd.

”

“

All the arrangements at PURIFY'22 WEST were good which had diverse participants; also the food and beverage arrangements was nice.

N. Hari
Technical Director, Inexus Biotech Pvt. Ltd.

”

LUCKY DRAW WINNERS!

It's not about luck favouring the brave, it's finally about attending the PURIFY conclaves! It's exciting right till the end! Best brands in its category are chosen 'dil se' to be handed over to the 'lucky ones' at the event in a manner that the industry lauds!



Richa Chawada, BD & Project Managements, Cleanchem Laboratories LLP (left), wins the Mega Prize, presented by Jyoti Chawla (right).



Abhishek Shembekar, Business Manager, Spincotech Pvt. Ltd. (left) receives his prize from Ruth Cacek, Global Sales Head, Teledyne ISCO (right).



Tommy Hilfiger
Trolley Bag



Portronics
Smart Fitness Wristband

“ Gained knowledge about column recycling for HPLC columns and about Compass software at PURIFY’22 WEST. ”

Yashpal
Scientist, IOL Chemicals & Pharmaceuticals Ltd.

“ I was particularly impressed by the presentation Dr. G. Srinivasa Rao YMC India at PURIFY’22 WEST. ”

T. S. Santhhanagopal
Managing Director, Inexus Biotech Pvt. Ltd.

“ Overall content at the PURIFY’22 WEST seminar was knowledge giving and quite helpful for networking. ”

Anup Kumar Pandey
Sr. Research Scientist, Analytical Research (API), Jubilant Pharmova Limited

“ The topics at PURIFY’22 WEST were good and informative. Diversity of chromatography could be coupled with other analytical footprints. ”

K. Y. Kiran Kumar
Analytical Expert, Dr. Reddys Laboratories Ltd.

“ The event PURIFY’22 WEST was excellent. Request you to conduct more, as it is useful to update our knowledge. ”

Appala Raju Jonnada
Dr. Reddys Laboratories Ltd.

PURIFY’22 WEST was about sharing knowledge and provided an opportunity for networking with others in the industry.

Bidyut Biswas
Group Leader, Chemical Research (API), Jubilant Pharmova Limited



Shiva Shyam, Sr. Sales Manager, Equipment Sales YMC India Pvt. Ltd. (right) is joyous on receiving his prize, presented by Asha Oroskar, President & CEO, Orochem Technologies Inc., USA (left).



Parag Kurle, Sr. Manager, Cipla Limited (left) is all smiles when he wins his prize, presented by Katarina Alenäs, Senior VP Chromatography Nanologica AB, Sweden (right).



Priyanka Vijay Kankate, Project Executive, Millennial Materials and Devices India Pvt. Ltd. (left), a proud winner; the prize is presented by Nimisha Pandey, Country Manager, Biotage India Pvt. Ltd. (right).





“

All the purification experts came together on one platform and gave such great presentations with useful slides during PURIFY'22 WEST.

Nagaraju Godithala

Dr. Reddys Laboratories Ltd.

”

It was interesting to witness technical as well as practical co-relations on the same platform at PURIFY'22 WEST. The panel discussion on the future of chromatography purification - a users perspective was interesting.

Vikas Damu Rathod

Group Leader, IOL Chemicals & Pharmaceuticals Ltd.

“

PURIFY'22 WEST provided a good platform to share knowledge about new techniques related to purification and isolation. It also provided a very good networking opportunity.

Susmita Pandey

Group Leader, Chemical Research (API),
Jubilant Pharmova Limited

”

“

At the PURIFY'22 WEST event, we could meet potential customers and industry leaders.

Raveendranath Govindaraj

Director, Lab Iconics Technologies LLP

”



Khanna Peena

The coupons were the designers' delight, while the food was a part of the Chef's luxury collections! Mouth-watering in every way...

“

At PURIFY'22 WEST, I was impressed with the talks of Dr. Karthik Ramasamy and Imre Sallay.

Majji Vasu

Dr. Reddys Laboratories Ltd.

”

“

PURIFY'22 WEST had an interesting and in-depth discussion on insulin. From the discussion, we could get a detailed idea about insulin production, to produce more with less cost, which is the need of the future.

Atish Eknath Aher

Sr.Technician, Millennial Materials And Devices India Pvt. Ltd.

”

“

The panel discussion and the presentation by Dr. Rustom Mody at PURIFY'22 WEST was interesting.

Tarun Gupta

Director, Kashiv Biosciences

”

A badge that signifies knowledge, business and being a part of the elitist group of the most discerning 'purification chromatographer'!

“

The topic regarding automation was particularly interesting.

A. Ramesh Babu

Purification, MSN Laboratories Pvt. Ltd.

”

“

The speakers at PURIFY'22 WEST were excellent.

Bharath Krishna K.

Manager, Sales And Marketing, N2P2 Inc.

”

“

It was overall a good experience in attending the PURIFY'22 WEST conclave.

K. Srikanth Reddy

Purification, MSN Laboratories Pvt. Ltd.

”

“

PURIFY'22 WEST provided good networking opportunities.

Jaykumar Sadariya

Senior Research Associate - II,
o2h Discovery Pvt. Ltd.

”

“

PURIFY'22 WEST provided a great opportunity to get knowledge on new technologies.

Panchada R. V. S. Narayana

Dr. Reddys Laboratories Ltd.

”

PURIFY'22 WEST had thought provoking discussions and explanations by Somesh Ji and Damu Ji. The active participation of silica media and purification systems vendors was also appreciable.

M. Venkat Reddy

R&D, MSN Laboratories Pvt. Ltd.

“

PURIFY'22 WEST is a very good platform for B2B interaction.

Manoj Gupta

Sales Manager, Nanghavi
Chromatography

”

“

The panel discussion at PURIFY'22 WEST was interesting.

Karthik Ramasamy

Delivery Manager, Dr. Reddys
Laboratories Ltd.

”



“

PURIFY'22 WEST has once again proven to be the best platform for interacting, networking and learning about new techniques. Truly worth attending.

Prashant Shetkar
CEO, N2 P2 Inc.

”

“

The best part of the PURIFY'22 WEST event was it gave us networking opportunities.

Hirjibhai Dharmshibhai Chauhan
Manager, Synzeal Research Private Limited

”

Good knowledge sharing on some new approaches in purification of compound were presented at PURIFY'22 WEST.

Hiren H. Darji
Team Leader,
Synzeal Research Pvt. Ltd.

“

Panel discussion at PURIFY'22 WEST between experts was interesting.

Sudhir Bavikar
Tech Lead, Dr. Reddys Laboratories Ltd.

”

“

Interesting presentation by Imre Sallay related to you need compass - find your chromatography direction prior to process development at PURIFY'22 WEST.

Jayshree Makwana
Senior Research Associate, Analytical - II,
O2h Discovery Pvt. Ltd.

”

“

I liked the topic on how to achieve high throughput purification using automated solution presented at PURIFY'22 WEST.

Harshad Chauhan
Senior Research Associate, Piramal

”

“

The hospitality at PURIFY'22 WEST was impressive.

Murali Krishnan P.
Marketing Manager, National Chromatography Inco

”

“

I liked the presentation on chiral separations miligram to metric tonne scale at PURIFY'22 WEST.

Nimisha Hapani

Research Associate, Analytical - II,
O2h Discovery Pvt. Ltd.

”

“

PURIFY'22 WEST was a well-organised event.

Yogesh Jadhav

Executive, Polypeptide
Laboratories Pvt. Ltd.

”

“

All the contents that were shared at PURIFY'22 WEST were informative.

Devyani Patel

Research Scientist,
Piramal

”

“

The overall arrangement at PURIFY'22 WEST was good.

Dipak Brahmbhat

Assistant Manager Sales, PCI Analytics Pvt. Ltd.

”

“

All the content at PURIFY'22 WEST was well edited and organised impressively.

Anil Raut

Praj Industries Ltd

”

“

Attending the PURIFY'22 WEST event, my objectives were met. It gave us good networking opportunities.

Bakul Joshi

Team Leader, Synzeal Research Pvt. Ltd.

”

“

Many new and advanced purification technologies shared under one roof at PURIFY'22 WEST.

Ganpatdan Charan

Principal Scientist, Zydus Lifesciences Limited

”

“

Topics selected for the PURIFY'22 WEST conference were very good.

Hiren Kumar Patel

Associate Research Scientist,
Zydus Lifesciences Limited

”

“

The presentations were good and the event provided good network opportunities.

Amitkumar Sharma

Assistant Manager, Biologics, Torrent Pharma

”

“

All presentations were good. I liked the Dileep Chandra Sreerama's lecture and the discussion after lunch break.

Yaxesh T. Dhimmar
Senior Scientist, UPL Ltd.

”

“

Profound speakers delivered lectures on advanced purification technologies that kept the audience engaged at PURIFY'22 WEST.

Uma Maheshwar
Director, Sai Life Sciences Limited

”

“

PURIFY'22 WEST had technical knowledge sharing and improved awareness on the subject.

Nilesh Thumar
Sr.Manager, API C&P,
RAKS Pharma Pvt. Ltd.

”

“

The programme schedule at PURIFY'22 WEST was very well planned. Presentations, tea break and lunch everything was on time.

Darshan Singh
Regional Sales Manager West,
Sanitech Engineers Pvt. Ltd.

”

“

Newly developed technologies or processes used globally were discussed in the forum at PURIFY'22 WEST.

Bhoopendra Kushwah
Research Investigator, Analytical Research & Development
Syngene International Ltd.

”

“

PURIFY'22 WEST conference had many talks in a single day.

K. Nagesh Kumar
Associate Director, Application Lab,
YMC India Pvt. Ltd.

”

“

PURIFY'22 WEST provided an opportunity for interactions with different vendors under one roof.

Nitin Patil
ASS. Principal Technologist, Praj Industries Ltd

”

It was like a single point of contact for end-users to get to know more about advances in technology in chromatography at PURIFY'22 WEST.

Kamalapuram Sumatha
Senior Associate Scientist, Analytical Research &
Development, Syngene International Ltd.

“ A great venue where eminent speakers conducted technology sharing. Networking over food gave users a chance to create business opportunities at PURIFY'22 WEST.

Parin Shah

Head Application-Lab, Sanitech Engineers Pvt. Ltd.

“ I was impressed by the focused objective on chromatography for API, natural products, peptides etc. at PURIFY'22 WEST.

Sandeep B. Kale

Chief Executive Officer,
Sanovaskale Technologies Pvt. Ltd.

“ I particularly liked the talk on large scale chromatography purification - unlocking the barriers by Dr. Reddy's that was presented at PURIFY'22 WEST.

Adinarayana Puttagunta

Head Of Sales & Services, Sartorius Stedim Pvt. Ltd.

“ A good number of participants attended the PURIFY'22 WEST event.

Dhaval Umrawala

Senior Manager, Sun Pharmaceutical Industries Limited

“ The panel discussion was good and Informative. The YMC presentation and the Agilent talk was good and informative.

Mohamed Asiff

Senior Principal Scientist -
Department Of Discovery &
Synthetics Syngene BBRC

At PURIFY'22 WEST, the panel discussion on purification techniques for natural product applications was very interesting.

Shripad B. Joshi

All India Manager,
Septech Marketing LIP

“ The PURIFY'22 WEST event provided an opportunity for networking with the industry experts.

Harish Kumar

Principal Scientist, FMBT R&D,
Zydus Lifesciences Limited

“ The panel discussion at PURIFY'22 WEST was interesting.

Sushil Deulgaonkar

Senior Manager, UPL Ltd.

“ It was good to connect with a wide range of people from R&D to process, and find end-to-end solutions. The knowledge sharing and connecting with manufacturers was fruitful.

Lokesh Babu Jarugu

Senior Principal Investigator, Syngene BBRC



“

At PURIFY'22 WEST, learnt many things about chromatography through different presentations given by different company officials. I personally liked the panel discussion.

Murugesan Shyam Sundar

Senior Associate Scientist - Discovery Analytical Sciences
Syngene BBRC

”

“

Chromatography technical presentations at PURIFY'22 WEST were of good quality and content.

Nagarajan Rajasekar

Products & Sales Specialist, Silicycle Inc.

”

“

At PURIFY'22 WEST, it was great to get all the peers at one place for chromatography and get some great knowledge about recent advances.

Sharan Suresh Volluri

Area Sales Manager, Sartorius Stedim Pvt. Ltd.

”

“

The technical presentations at PURIFY'22 WEST were interesting.

C. S. Godbole

Partner, Septech Marketing LLP

”

“

PURIFY'22 WEST was a good event where the user could meet the experts and vendors.

Rameshkumar Chandrasekaran

Senior Principal Scientist, EXP2-S2DAS,
Syngene International Ltd.

”



It was great discussing with vendors under one roof at PURIFY'22 WEST.

Subhrakanti Saha

Team Leader, Analytical, Syngenta
Biosciences Pvt. Ltd.

“

PURIFY'22 WEST event provided a good knowledge update.

Vikrant Jagtap

Manager, MCD, Torrent Research Centre

”

“

Impressed with the talk by Dr. Karthik Ramasamy at PURIFY'22 WEST.

Shiva Shyam

Sr. Sales Manager,
Equipment Sales,
YMC India Pvt. Ltd.

”

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NGLC 32



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CSC 250MS

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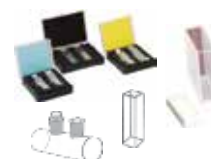
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Contact us for inquiries and more information:

- ✉ **Lars Holmberg, CEO PeptiSystems**
lars.holmberg@peptisystems.com
- ✉ **Amit Mehta, CEO S-Amit, Distributor**
PeptiSystems distributor in India
amehta@s-amit.com
- ✉ **Ravi Rayanade, Technical – Consultant**
S-Amit & co.
ravi.rayanade@s-amit.com



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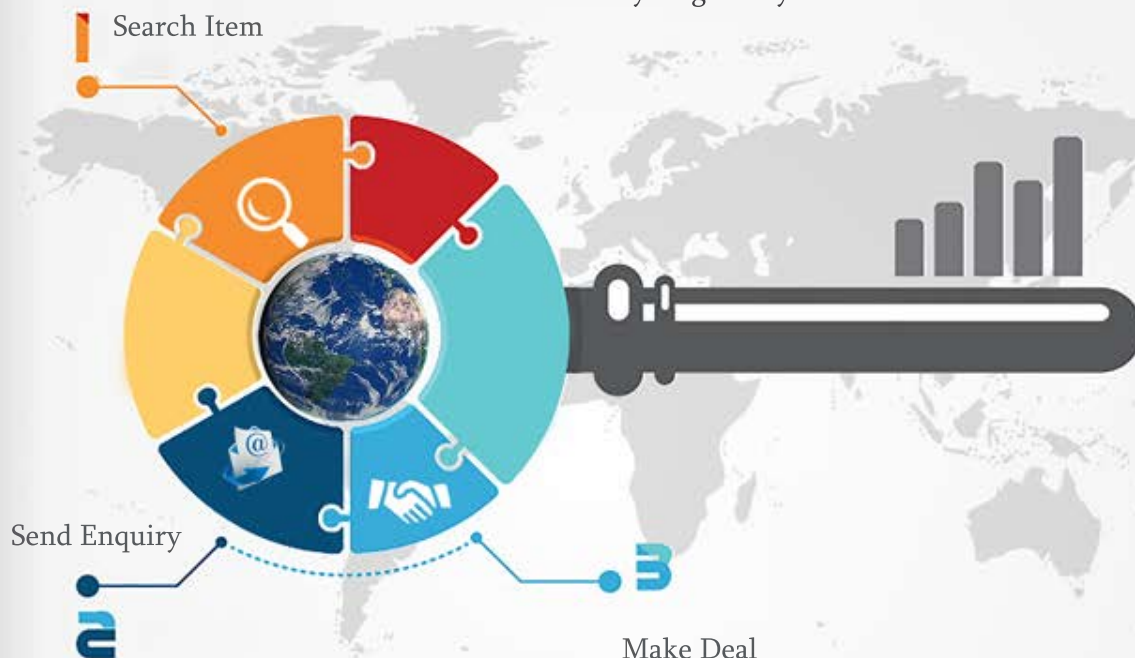
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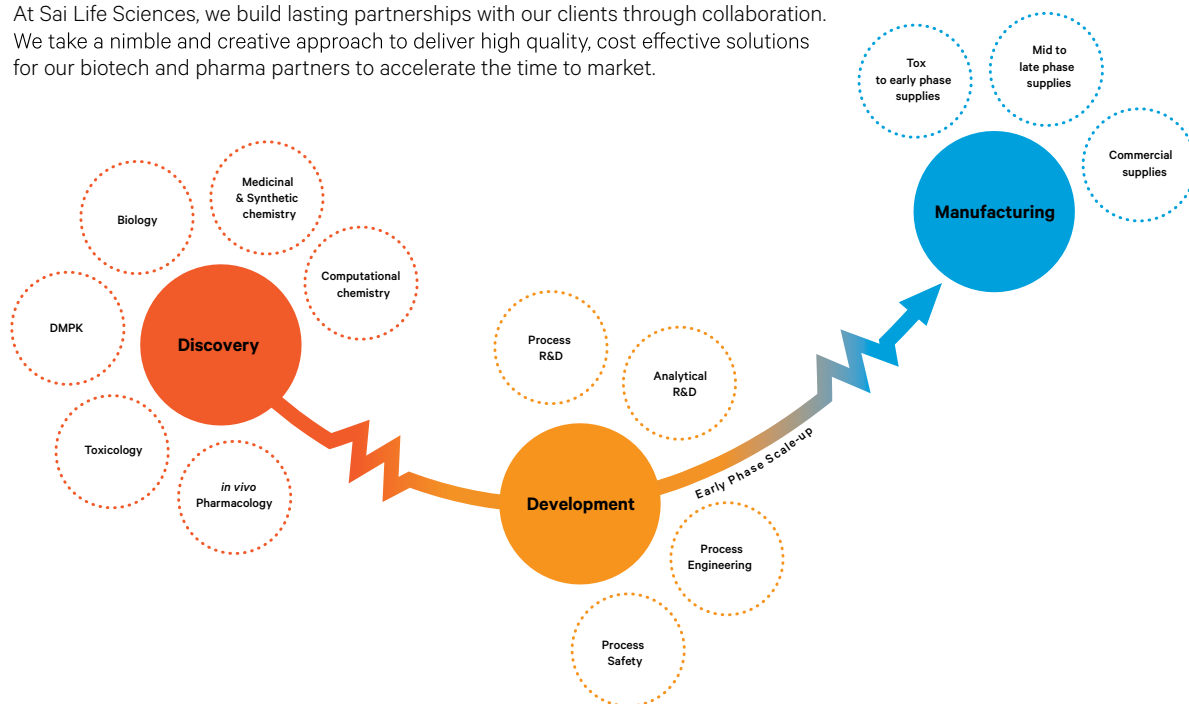


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- SPR Fragment Screening
- High Content Based Assays
- MSD Platform based assays
- ICH M7 Profiling
- Peptide Synthesis



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Complex chemical synthesis from development to commercialization

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- Comprehensive analytical capabilities
- Fully equipped process safety lab
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- Advanced technology platforms
- Automatic data capture, Containment



Manufacturing

- 450 KL Capacity
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- Chromatography at commercial scale
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amehta@s-amit.com

Ravi Rayanade, Technical – Consultant S-Amit & co.

ravi.rayanade@s-amit.com

Visual Tour

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Days Before to Day Before!

It was built brick by brick; some days challenging...some nights fun...weeks of chaos, yet together we were always on the run! We tried to keep in mind the minutest of details...we, however, did slip at places only to reaffirm that we would get up better and build another one brick by brick again!

14th Dec.,
2022
01:25 am



14th Dec.,
2022
04:10 am

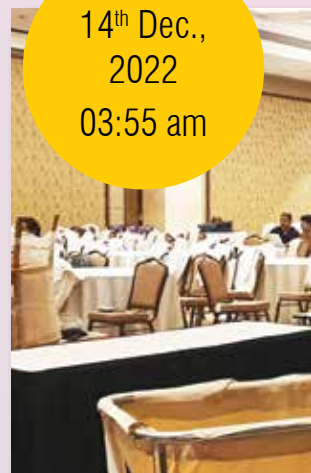


12th Dec,
2022
10:40 am



14th Dec.,
2022
12:50 am

14th Dec.,
2022
03:55 am





14th Dec.,
2022
05:45 am

14th Dec.,
2022
02:20 am



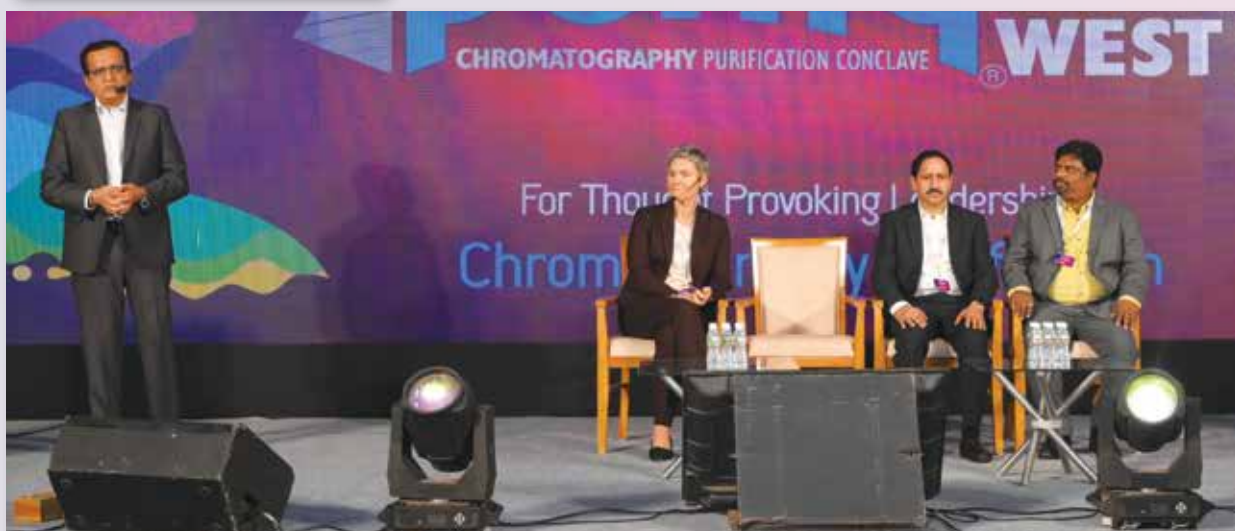
13th Dec.,
2022
11:40 pm



The 'Team' who did it again!

Crowning Glory

The hour dawned (that we worked for 2 years this time)...unveiling of PURIFY'22 WEST was an emotional moment for us...Covid had tested us enough...but this was the biggest moment of truth for all our efforts...thank you, Dear Industry, for your overwhelming response in every single way!







Katarina Alenäs
Senior VP Chromatography,
Nanologica AB, Sweden



Nirmal Thakkar
LSAG EMEA Sales, Agilent Technologies
India Pvt. Ltd.



Imre Sallay, PhD
Manager, Technical Sales-Business
Development, Chromatography Sales
Dept., Osaka Soda Co., Ltd., Japan



G. Srinivasa Rao
PhD, Director-Lab Projects, YMC India



Dharmesh S. Bhatt
Regional Manager S&M, Daicel Chiral
Technologies India



Siva Prasad Patnam
Group CEO, Analytical Technologies Ltd.



Lars Holmberg
CEO, PeptiSystems AB, Sweden



Mihir Ranjan Sahoo
Lead Application Specialist,
Cytiva; Hyclone Life Sciences
Solutions Pvt. Ltd.

Constellation of Stars

The celestial speakers, as they spoke, took the event to another orbit. It turned out to be akin to the 'Big Bang Theory' that vividly provided a 360 degree perspective to the planet called 'Chromatography Purification'. The speakers made sure that there was no dark matter... everything highlighted was lucidly explained.



Karthik Ramasamy

Associate Vice President – Chromatographic Separation Technology, API, Dr. Reddy's Laboratories Ltd.



Asha A. Oroskar

President & CEO, Orochem, Technologies Inc., USA



Balaji Sitharaman, PhD

President, Millennial Scientific, USA



Dileep Chandra Sreerama

Product Specialist, (Purification Chromatography), BUCHI India Pvt. Ltd.



Nithyanandham Mailvaganam

Senior Application Manager, Avantor Performance Materials India Pvt. Ltd.



Rustom Mody

Sr. Vice President and Head R&D (Biologics), Sun Pharmaceutical Industries Ltd.



Jayati Banerjee

Lead - Peptide Workflow, Biotage India Private Limited



Ravi Rayanade

Technical Consultant – Business Development, S-Amit Group



Sethu Madhavan S.

Vice President, Global Manufacturing Operations, Insulin Business Unit, Biocon Ltd.



Brice Sarraill

Managing Director & CTO, SFE Process, France



Navin Devadiga, PhD

Assistant Manager - Drug Discovery Solutions, Shimadzu Analytical (India) Pvt. Ltd.



Joshua Lovell

Product Manager, Teledyne ISCO, USA

Panel Discussion Future of Chromatography Purification: A Users' Perspective



M. Damodharan
Chief Quality Officer & Head,
Sai Life Sciences Ltd.



Somesh Sharma
Sr. Vice President - Discovery & Development Solutions;
Aragen Life Sciences





Jyotish Srivastava,
HOD - Chemical Science in
Drug Discovery & Development Division,
Patanjali Research Institute



Rahul Singh,
Head - Corporate Analytical Design Excellence,
Emami Limited

Panel Discussion **Advances in Use of Chromatography in Natural Product Purification**



Vandita Srivastava, PhD
Member, Board of Directors &
Research Advisor, QCS Herbals



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Knowledge, The Fibre of Success

PURIFY'22 WEST came with something for everybody. The audience stayed right till the very end! The right speakers, the right topics, the right schedules, the timeliness of execution, all contributed to the rapt attention as knowledge was seamlessly flowing through the day for unparalleled enrichment.







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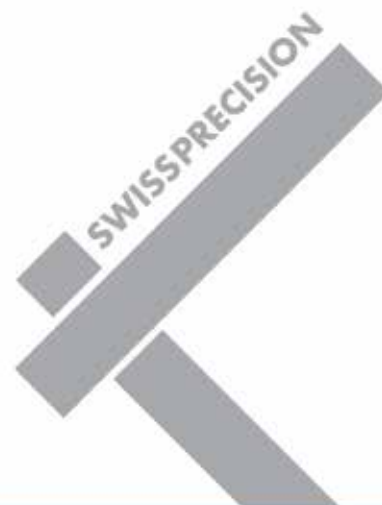
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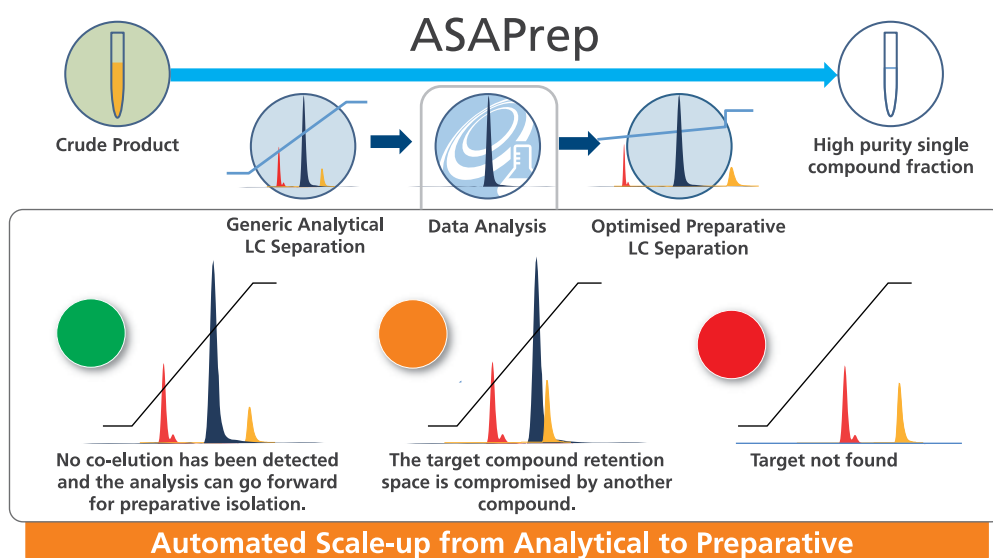
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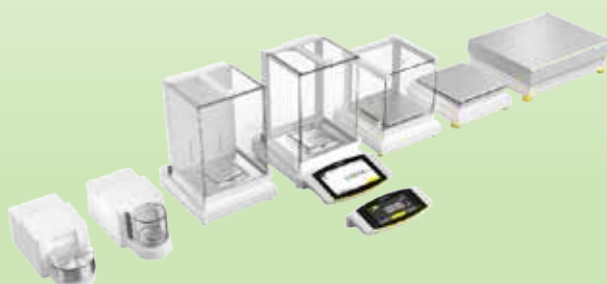
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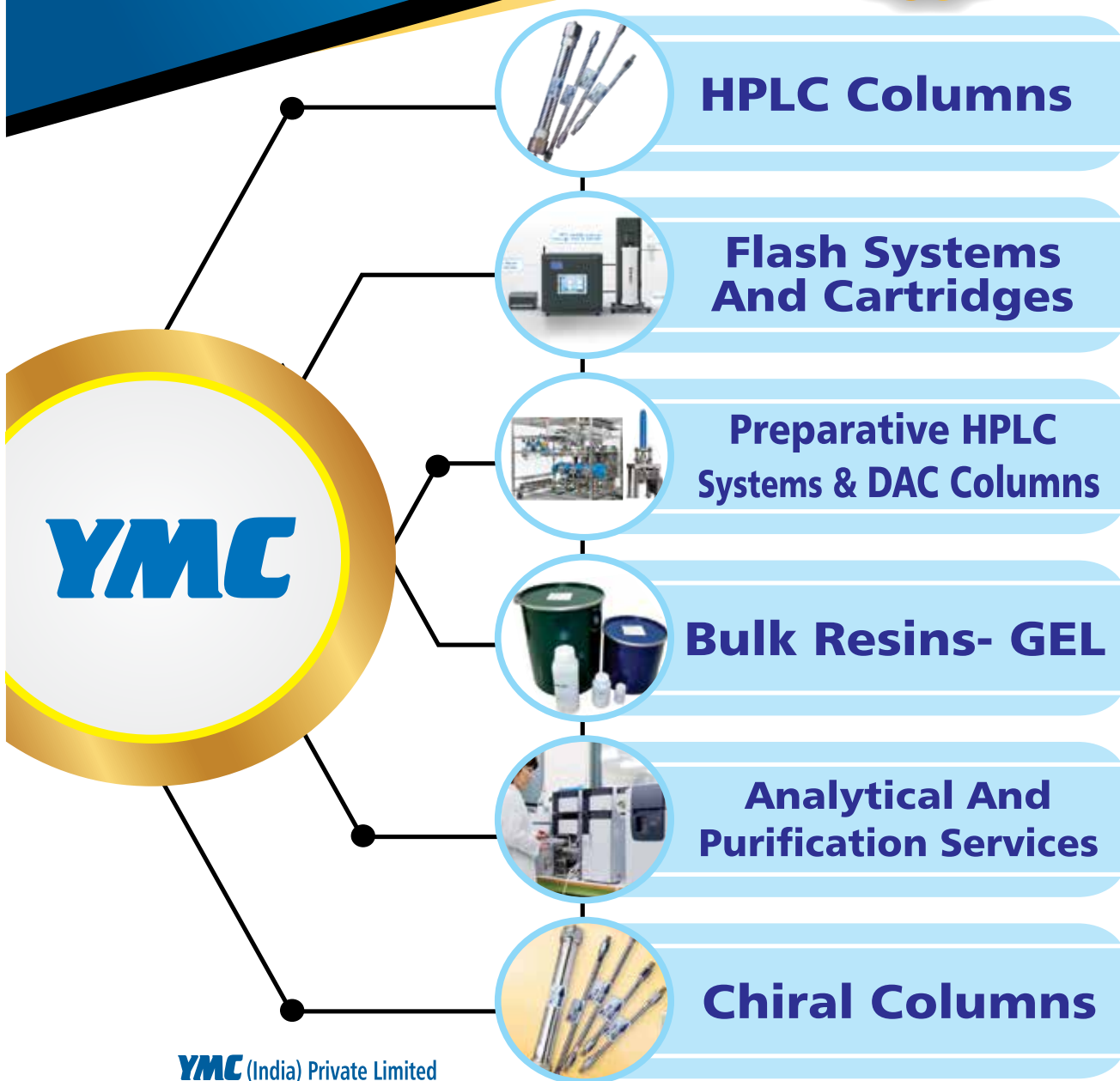
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