What's New:

PREP 2018 31st Symposium on Preparative & Process Chromatography

Baltimore, MD July 8-11, 2018 - Hyatt Hotel Inner Harbor

Dear PREP 2018 Participants,

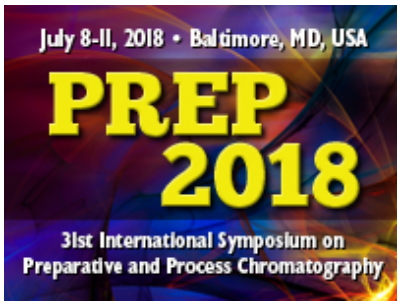
JNC America Inc, manufacturer and global supplier of Cellufine chromatography media, is excited for this year's symposium with a great scientific program and supplier exhibits. We cordially invite you to the following events we will be hosting throughout the symposium to visit our booth in the Exhibitor Hall.

When Purity is Paramount…Cellufine™ Media Delivers

JNC

Cellufine™

Chromatography Media



Oral Presentation

Development of a Novel Cellulose Based rProtein A Capture Resin: Discussion of Critical Success Factors Identified for a New Bead Structure Design Combined with an Advanced Base Stable Affinity rProtein A ligand.

Malcolm G Pluskal [3], Natsuki Okaniwa[1], Eri Narita[1], Naoki Yamanaka[1], Masami Shiina[2], Yoshihiro Matsumoto[1] and Shigeyuki Aoyama[1]

A new product development approach will be described for the affinity capture of Mab's from cell culture materials employing a novel base stable rProtein A ligand with up to six available Fc binding sites. Data will be presented to illustrate the efficient utilization of all available Fc binding sites on this immobilized affinity ligand.

Poster Session: Monday @ 5:30PM Exhibit Hall

Development of novel cellulose based rProtein A capture resins for improved workflow effective Mab purification.

Natsuki Okaniwa[1], Eri Narita[1], Naoki Yamanaka[1], Masami Shiina[2], Yoshihiro Matsumoto[1]
Malcolm G. Pluskal [3] and Shigeyuki Aoyama[1]

[1]JNC Corporation, R&D, Yokohama, [2]Manufacturing Research, Minamata, Japan and
[3] JNC America, Cellufine Application Lab, Littleton, MA

A new product development approach will be described for the affinity capture of Mab's from cell culture materials employing a novel base stable rProtein A ligand with up to six available Fc binding sites. The resin is based on a stable cellulose bead structure with excellent flow properties combined with the affinity ligand immobilized at multiple sites to yield a robust next generation Mab capture resin with a high level of binding capacity.

Poster Session: TBD

Evaluation of Dextran Sulfate as a Chromatography Ligand on the surface of Cellufine™ cellulose beads.

Kohji Nobuta [1], Jyunya Toba[1], Akihiro Uchida[1], Malcolm G. Pluskal [2] and Shigeyuki Aoyama[1]

[1]JNC Corporation, R&D, Yokohama, Japan and [2]JNC America, Cellufine Application Lab, Littleton, MA

Dextran sulfate is a synthetic derivative of the natural polysaccharide dextran and is reported to have similar bioactivity as heparin. This molecule is also well known to show unique chromatographic properties such as; a) heparin like pseudo affinity as well as b) cation exchange interactions. JNC has developed new chromatography resins, Cellufine MAX DexS-HbP and MAX DexS-VirS incorporating two different molecular weight (MWt.) dextran sulfate polymers.

Booth Exhibition

Conference Exhibit Hall Dates: **July 8th Sunday to July 10th Tuesday**

Sunday July 8th 6:00 PM – 7:30 PM
Monday July 9th 10:15 AM – 7:30 PM
Tuesday July 10th 9:00 AM – 3:30PM

Cellufine ™ chromatography media for purification of various bio molecules

Looking forward to seeing you there;

Booth Staff:

Shigeyuki Aoyama, Cellufine Global Product Director

Seiji Shinoda, Senior Vice President

Malcolm Pluskal Director Technical Services / Marketing

A. Mark Trotter, Director Sales & Marketing