

Senior Research Scientist – Silica Derivatization / Surface Modification

Southern California

Responsible for the development, enhancement and investigation of new and/or existing chromatographic separation products and technology. Responsible for researching, developing and controlling sorbents, in particular their surface modification in order to convey particular properties useful in separation science. This includes the development of new HPLC, SPE and other separation science consumables.

Primary Responsibilities

- Conceive, design and develop novel, efficient, marketable and scalable consumable technologies for the separation sciences
- Develop novel chemistry, coatings, sorbents, and processes that meet corporate needs by applying state-of-the-art surface modification and investigative techniques
- Effectively conduct research in surface modification, surface analysis and in understanding their implications in chromatographic separations
- Actively monitor new developments in the field of surface modifications useful to separation science
- Develop and recommend new processes and synthesis strategies / technology to achieve improved product quality and performance
- Support technical and manufacturing personnel in the transfer, optimization, scale-up, and troubleshooting of new production methods and SOPs
- Supervise, manage and assign work to research associates and technicians as required for research programs

Candidate Qualifications:

- Degree in Organic Chemistry, Material Science, or a related field
- Must have 2+ years industry experience (**analytical or electronics industry preferred**)
- At least 3 years of experience in Derivatization of silica
- Requires analytical thinking and presenting ideas
- Sound judgment and reasoning - responsible for crucial company IP

Compensation:

- 150k+ for excellent candidates!
- Potential for sign-on bonus
- Health insurance

APPLY NOW!

If this role is of interest to you, and your background is suitable, please email your resume in WORD format to eberner@VRS-US.com

For further details or related opportunities contact VRS Recruitment:

info@VRS-US.com

www.VRS-US.com

Due to the volume of responses, only qualified candidates will be contacted.

Feel free to forward this message to other qualified colleagues looking for similar opportunities.

Thank you, & Be Well!

-Evan Bernier, Ph.D. (U.S. Business Development Manager)

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Keywords: separation products, separation technology, sorbents, stationary phases, column chromatography, column packing, surface modification, HPLC, SPE, consumable technologies, separation science, silica surface modification, chromatographic performance, analytical methods, coatings, surface analysis, manufacturing, instrument vendor, Synthesis silica, Derivatization of silica, semi-con, semi-conductors, silicon wafers, surface chemistry