

Chemistry

St. Louis Production Campus, Scientific Research Division, Sigma-Aldrich

Education: PhD Degree in Biochemistry, Chemistry, or equivalent experience in lipid synthesis and isolation and/or purification techniques.

Responsibilities: Primary responsibilities include synthesis or extraction, isolation and purification of lipids from natural sources ranging from bench top to industrial scale. Participate in a project team setting and provide technical input to team decisions. Maintain clear records of experimental and manufacturing work. Communicate results of assignments to supervision. Independently design and conduct experiments.

Experience: 5+ years experience in lipid isolation and purification. Experience in silica, alumina, and reversed phase chromatography techniques required. Experience in lipid synthesis and purification techniques desired. Experience working in an industrial setting is a plus. Candidates require strong verbal and written communication skills. A proven record of process problem solving and troubleshooting required.

Biochemistry/Chemistry

St Louis Production Campus, Scientific Research Division, Sigma Aldrich

Education: BS/BA/MS in Biochemistry, Chemistry, Biology or other related science

Responsibilities: Primary responsibilities include extraction, isolation and purification of proteins, enzymes and nucleotides from natural sources or synthesize and purification of carbohydrates, peptides and polymers. Additional responsibilities include planning, organizing, setup, and manufacture of products following established protocols. Batch size varies from bench top to industrial scale. Participate in a project team setting and provide technical input to team decisions. Maintain clear records of experimental and manufacturing work. Communicate results of assignments to supervision.

Experience: Undergraduate research or Co-op experience desirable. Candidates must have the ability to work in a team setting, show good problem solving skills, and have excellent written and oral communication skills. Minimum GPA 2.7