

IC-HPLC & GPC/SEC Analytical Chemist

RESPONSIBILITIES – MISSION

The primary mission of the Ion Exchange – High Pressure Liquid Chromatography and Gel Permeation Chromatography / Size Exclusion Chromatography Analytical Chemist is to develop, validate and run ARC's IC-HPLC and GPC/SEC instrumentation.

The secondary mission of the IC-HPLC & GPC/SEC Analytical Chemist is to develop and validate a variety of additional assays and fully characterize the physicochemical structure of numerous polysaccharides obtained from natural sources.

You

- Are an entrepreneur in a scientist's body
- Have a fearless personality and the desire to change the world
- Perform remarkably or fail big, rather than perform adequately
- Figure out how to fix it instead of who's to blame
- Prefer to wear jeans

WHO OR WHAT IS ARC MEDICAL DEVICES?

ARC Medical is developing and commercializing novel, first-in-class solutions to prevent post-surgical adhesions - which if not prevented cause pain & suffering, organ dysfunction, infertility, and death; and for which there is a dire unmet medical need.

Our products are non-viscous, liquid, polysaccharide-based medical devices. We've recently built a manufacturing facility & QA laboratory; and are implementing our quality management system now. We anticipate obtaining first approvals, to be immediately followed by post-market trials, in the near-term.

WE

- Work to positively transform the health of millions of surgery patients
- Care more about your creativity, intelligence and values than your experience
- Are building a start-up: a normal work week is minimum 60 hours
- Are implementing efficient systems in the midst of scale-up chaos
- Aren't afraid to make mistakes

RESPONSIBILITIES & REQUIREMENTS

- Develop, validate and run a robust IC-HPLC assay that accurately determines the sugar composition of various polysaccharides obtained from numerous natural sources
- Develop, validate and run a robust GPC/SEC assay that accurately determines the sugar composition of various polysaccharides obtained from numerous natural sources

- Develop, validate and run additional analytical assays that accurately characterize the physicochemical properties of polysaccharides, including ICP, UV-Vis, IR, NMR, and related characterization techniques
- Characterize in detail the physicochemical structure of various polysaccharides extracted from natural sources

EXPERIENCE

- In-depth experience developing, trouble-shooting, validating, running and writing analytical reports for IC-HPLC assays for polysaccharides
- In-depth experience developing, trouble-shooting, validating, running and writing analytical reports for GPC/SEC assays for polysaccharides
- Additional assays for the physicochemical characterization of polysaccharides
 - ICP
 - UV-Vis
 - IR
 - NMR
 - Etc.
- Working with contract research organizations
- Working in teams to successfully meet aggressive timelines

WHY WORK AT ARC MEDICAL?

- People: we have a superstar team that's smart, creative, driven and fun to work with (also a bit goofy)
- Cash: a mediocre to average salary reflective of experience
- Stock Options: extremely generous stock options (no cash bonuses – this is a great position for someone who wants to use their leadership and hands-on skills to build a company towards a large exit – and if/when we succeed, have a big stock hit)
- Perks: considerable health & dental coverage
- Fun: 1) we hire the right people for the right job so that our folks do what they love doing while helping get our products to patients; and 2) occasionally we have Friday Beer O'clock; and we recently had our first 'celebration day' to commemorate achieving an aggressive milestone – the day included go-kart racing, mini-golf, beer brewing and a BBQ

EQUAL OPPORTUNITY EMPLOYER

We are an equal opportunity employer and evaluate applicants without regard to race, colour, national origin, religion, gender, age, marital status, disability, veteran status, sexual orientation, gender identity, or any other characteristic protected by law.

TRAVEL REQUIREMENTS

We anticipate that 10 to 25% of the time for this position will include international travel.

LOCATION

We are in Richmond, BC, Canada – right beside Vancouver. From our facilities to downtown Vancouver is about a 30-minute drive; and to the Vancouver airport is about a 10-minute drive.

HOW TO APPLY

Tell us in eight sentences or less why you're interested in ARC and how your past accomplishments show what unique contributions you can make to our Team, including how you will rapidly develop, troubleshoot, validate and run an appropriate IC-HPLC and GPC/SEC assays for the characterization of numerous polysaccharides obtained from various natural sources; and will do the same for other techniques required to completely characterize natural polysaccharides. Email your cover letter and CV, preferably in pdf, to jobs@arcmeddev.com and include the name of this position in the subject heading.

Due to the anticipated volume of responses, we will contact only those candidates who most closely match our requirements.