



## JOB DESCRIPTION - REMINOVA LTD

**Title:** MATERIALS SCIENTIST

**Reporting to:** CTO

**Based:** Edinburgh

**Job Role:** Reminova has an opportunity for an ambitious individual to join our mission of transforming dentistry. You will bring your skills and technical expertise to one of Scotland's leading healthcare start-up companies and work within our expanding technical team as well as closely with a management team that includes dental professionals, entrepreneurs and seasoned start-up management.

You will have a proven track record in industry of delivering scientific or engineering developments using materials science. This could be in any industry but has enabled you to gain an in-depth knowledge of the nature and behavior of materials and their impact upon processes or products. You will understand how to analyze and characterize structure and composition with various microscopic, spectroscopic and physical techniques, and relate structure and behaviour to final product properties or process performance. You will have a scientific curiosity and a thirst for knowledge to go with your practical hands-on lab. experience. You will be experienced and confident in planning and executing laboratory or cleanroom development work for yourself and others to undertake, and have developed excellent reporting and presentational skills to communicate your work to non-expert audiences.

Ideally, you will have shown you can manage people and/or technical projects, and understand the industrial requirements to work in a team, deliver on time and report results clearly. You will have had experience in statistical experimental design, developing test methodology and validation.

Reminova is currently developing a first treatment product and peripherals for use in a dental surgery that painlessly reverses and repairs early and middle stage enamel caries, providing dentists with an alternative to drill-n-fill, and a new paradigm in preventative tooth health management. The product development combines elements of electrochemistry, chemistry, biochemistry, electronics and design for manufacturing for use in a regulated clinical setting. Understanding changes in material structure is a critical feature of what we do and we work with leading experts in the field.

As well as your contribution to the technical team and lab based development work, you may be involved in wider company developments as we work with partners and customers towards this first product launch and goal. Your career can develop from here in different directions as you become more aware of, and involved in technical-commercial interface.

There will be some travel occasionally in this role and you may have to spend periods at locations around the UK and potentially internationally to work with our partners.

### **Knowledge, Skills and Experience:**

The successful candidate will be able to demonstrate the following knowledge, skills and experiences;

- Strong technology development experience in materials science and characterisation, which has led to new products or processes
- Industry work experience applying science practically in a technical or development role



- Applying statistical methods to experimental design and validation
- A proactive, self-starting ability, creative and a problem solving track record
- Responsibility for delivering technical projects by yourself and as a team
- Understanding of developing within ISO, and regulated environments
- Ability to work with different technical-engineering disciplines
- Good interpersonal and communication skills
- Degree or PhD qualified in a relevant technical discipline

**Key Responsibilities:**

- Carry out materials based development work, lab experiments and projects
- Understand and exploit a range of analytical and characterisation techniques along with statistical methods to accelerate performance optimisation.
- Develop repeatable lab. tests for assessing performance
- Develop underpinning knowledge for the development of dental treatments to achieve specific product performance targets
- Work within the team to develop materials for use in remineralisation and to develop a treatment for treating caries (tooth decay)
- Train other team members - employees, sub-contractors, suppliers, University collaborators to ensure a high degree of technical understanding is developed across the wider team
- Technical reporting and ensuring a team approach to meeting deadlines

**Other Responsibilities:**

- Manage work and time of less experienced team members
- Coordinate your activities with collaborators
- Present and report your work
- Generate and capture intellectual property to expand the Company's IP base