

Aston Life Sciences is the proud leading company in Consulting, Recruitment and Executive Search for the Pharmaceutical, Biotechnology, Medical Devices and Diagnostics industry. Based in Switzerland we serve Eastern and Western Europe, North America and Russia. Life Sciences is our passion and we are committed to successfully support our clients in their quest to improve patient's health all around the world.

For one of our client based in Switzerland, we are looking for a:

## Senior Mechanical and Material Engineer

### Your role:

As a Senior Mechanical and Material Engineer, you will be responsible for identifying, characterizing and prototyping mechanical and material designs of innovative devices.

### Your tasks:

- Develop, test, and evaluate new mechanical, industrial, and material methods and ideas
- Create specifications, characterizations and guidelines for detailed design, technology transfer to manufacturing and product operations
- Act as a technical expert in the subject of suitability of mechanical designs and materials for specific usage
- Design or redesign mechanical and thermal devices using computer-aided design tools (CAD)
- Conduct experiments and research programs for mechanical and electromechanical systems, products, assembly methods and materials
- Create manufacturing process recommendation and characterizations for use in the design and development

### Your profile:

- Master degree in Mechanical Engineering/ Industrial Engineering/ Materials Science or relevant
- Mechanical design experience gained in consumer electronics industry
- Experience with manufacturing processes for plastic, metal and ceramic parts
- Knowledge of mechanics, thermodynamics, hydraulics, heat transfer and materials principles
- Background in thermal and mechanical stress simulation
- General knowledge about human factors engineering, design thinking etc.
- Fluency in English

**Starting date:** 7 January 2019

**Location:** French speaking part of Switzerland

**Level:** Experienced

**Domain of experience:** mechanical design, consumer electronics, materials

**Category:** Other

**Closing date:** 01 January 1970

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