

## Full-time Chemist

### About BrightComSol GmbH

BrightComSol is a nanotechnology spin-off from Universität für Bodenkultur Wien based in Vienna, Austria. It was founded in March 2020 By Dr. Behzad Shirmardi and Prof. Dr. Erik Reimhult. We produce the next generation of X-ray scintillators by synthesizing and processing a new class of light-emitting nanomaterials (perovskite quantum dots) in polymer composites. Our customers are producers of X-ray scanners and detectors.

### Your Profile

- Valid work permit in Austria
- Master or Ph.D. degree in chemistry, materials science, or related topics
- Expertise in the synthesis of colloidal nanomaterials (e.g., quantum dots)
- Committed to becoming a “long-term” member of our team
- Able to multitask
- Can work independently
- Previous work experience with (perovskite) quantum dots is a big plus
- Excellent spoken and written English communication skills
- Excellent spoken and written German communication skills is a big plus
- Previous work experience (in startups or industry) is a big plus

### Your Tasks:

- Synthesis and characterization of perovskite quantum dots/composite
- Scale-up
- Characterizing the performance of scintillators (light output, resolution, etc.)
- Performing viability tests for scintillators
- Development of new scintillator composites (R&D)
- Documentation and reporting

### Workplace and starting date:

- Vienna, Austria
- 15<sup>th</sup> of January 2022

### We offer:



- Full-time position, 35000 €/year in the first year (gross, 14 salaries/year)
- Permanent position
- Young and dynamic startup environment
- Increasing your skills and competence as the company grows
- Flexible working hours
- Training period
- Yearly ticket for the public transport system in Vienna

#### Employment process:

- Submit your application (CV) → 1st interview → background check → 2nd interview → Join BrightComSol

#### More information about BrightComSol GmbH

[www.brightcomsol.com](http://www.brightcomsol.com)

#### Contact information:

[info@brightcomsol.com](mailto:info@brightcomsol.com)