



RESEARCH ASSOCIATE BIONIC REINFORCED TRANSLUCENT WOOD

ID: RABRTW201611

OUR COMPANY :

Woodoo redesigns wood. Woodoo has developed a pioneer engineered wood material, based on the structural modification of wood at both cellular and molecular levels. Translucent and performative, our material is sustainably designed to overcome wood intrinsic limitations.

Wood revolution is just bursting. Launched in 2015, Woodoo results from 5 years of intensive research performed within some of the most prestigious institutions worldwide. Our patented technology has been awarded several innovation prizes, shedding light on the startup's ambitions to foster sustainable building technologies and advanced materials, with a targeted impact on multiple sectors, most particularly in the building and design industries.

Towards a new nature. Our multidisciplinary team is committed to produce smart, responsible and future-proof innovations, taking part in the emerging bio-economy and the 4th industrial revolution.

YOUR PROFILE :

Your work is leading edge. Woodoo is looking for a talented Research Associate with experienced skills in one or more of the following fields:

- **Process engineering.**
- **Lignocellulosic bio-refinery.**
- **Green chemical synthesis.**
- **Bio-based polymer physical-chemistry.**
- **Wood or any relevant lignocellulosic derivative chemical functionalization.**
- **Bio-based nanostructured composite.**

You earned a **Ph.D.** or have a **M.Sc.** with relevant academic or industrial experiences.

You are creative and an expert in your field, with a pioneering spirit.

You wish to focus on application in a fast-paced working environment, to work hands-on to prototype directly with clients. You communicate with passion and accuracy on each project you manage.

YOUR TASKS :

Working closely with our Chief Science Officer, you will investigate your own research area and you will propel Woodoo forward on multifarious projects. Your main tasks will involve:

- **Generating, analyzing, synthetizing** and **discussing** your research data and results.
- **Optimizing** the process towards its scaling-up and industrialization, considering the sustainable merchandizing of the product at a competitive price.
- **Leveraging** new research opportunities and fields of interest.
- **Setting-up** protocols.
- **Realizing** reports for internal and external needs.
- **Protecting** your findings and **broadening** Woodoo's IP portfolio.

JOB FEATURES :

Deadline: 2017/02/07.

Contract: Full time / Fixed-term contract of 12 months leading to open-ended contract.

Starting: When available, no later than 2017/03/07.

Location: Bordeaux (Aquitaine, 6 months) then Troyes (Champagne, 6 months) with national mobility.

CONTACT :

If you feel like joining our endeavors, please send your resume along with your cover letter to jobs@woodoo.fr. For faster internal processing, please name your documents as the following: **Forename Surname_CV or CL**. Feel free to add any miscellaneous document that can support your application.

Be sure that we will review your application and get back to you within a reasonable timing.