

Supporting the Transformation of Breton Companies in the Fields of Health, Well-being, and Cosmetics

Institute: Ecole Nationale Supérieure de Chimie de Rennes

Head of the Institute: Audrey SORIC

Region: Bretagne

Name of the Project: TRANSCOSM

Key-Words: Transition, Biobased chemistry, biotechnology, formulation, cosmetics

Duration of the project: 5 years

Research department: Institut des Sciences Chimiques de Rennes (RNSR : 200612270R)

Amount of funding: 664 000€

Annual salary : 43 416€ gross salary

Teaching and research activities

The École Nationale Supérieure de Chimie de Rennes (<https://www.ensc-rennes.fr/>) is a key player in the training of chemical engineers, as well as a member of the Gay Lussac Federation. The ENSCR is part of the University of Rennes, and its research laboratories are integrated into the Rennes Institute of Chemical Science (UMR 6226) covering areas such as health, materials, and the environment. ENSCR includes around 100 staff members and more than 500 students in training. ENSCR is offering a position for a Junior Professor Chair to strengthen interactions between its training programs, research activities, and the regional socio-economic community.

Teaching and Responsibilities:

ENSCR is undergoing a profound transformation of its engineering training program, notably through the implementation of the Competency-Based Approach, the introduction environmental transitions at the heart of its program and plans to open its degree to apprenticeship by 2027. In this context, and within a teaching service requirement of 64 HETD, the recruited person will be expected to develop innovative and/or apprentice-dedicated pedagogical approaches, particularly in the following areas: Organic Materials, Biotechnology, Sustainable Production. He/she will also participate in project implementation related to the deployment of the competency-based approach. While most courses are delivered in French, some teachings must be conducted in English. Progressive involvement in educational and collective responsibilities is also expected.

Research activity:

The future chair will be actively involved in the research activities conducted within the Organic Chemistry and Interfaces (CORINT) team at ISCR. The CORINT team, hosted at ENSCR (<https://iscr.univ-rennes.fr/fr/organic-chemistry-interfaces-corint>), is a laboratory gathering 14 permanent researchers in addition to PhD students, postdocs... . Their research axes notably focus on the valorisation of bioresources through the development of innovative, efficient, and robust synthetic routes to access high value-added molecules for applications in health,

materials, and cosmetics. In this context, the recruited person will reinforce these major topics by proposing a research project focused on developing original or breakthrough pathways to products of interest in the fields of health, materials, or cosmetics. Transformations of bio-based materials towards products of interest will rely on responsible chemistry and the development of biotechnological tools. The proposed project must take environmental challenges into account and align with the context of ecological transition. The recruited person must establish a strong link with the socio-economic world, particularly with the ambition of supporting the transformation of Brittany companies in the health, well-being, and cosmetics sectors. The future chair will benefit from the scientific and financial support of the CORINT team, and a high-quality working environment combining technical platforms dedicated to synthesis, analysis, biocatalysis, and physical chemistry. Additionally, the recruited person will benefit from a specific financial support dedicated to their research topics.

Required Candidate Profile

The requirements for the post call for varied and solid experience in research and teaching, publishing and teaching in English, and engaging in interaction and dialogue with other disciplines – including scientific and socio-economic fields – on topics relating to the transition, involving activities in bio-based chemistry, biotechnology, formulation and cosmetics.

The successful candidate will lead national and/or international research projects involving various partners. He or she will organise scientific events and contribute to the institution's strategic research priorities. Initiatives may be carried out in partnership with stakeholders in the field. Experience of participating in this type of project (ANR, Interreg, etc.) is an advantage.

The candidate will be involved in developing engineering degree programmes as part of ENSCR's strategic projects (educational reforms and the development of degree programmes through the expansion of work-study schemes, internationalisation, interdisciplinary approaches, etc.). She/He will also be keen to develop partnerships with businesses and promote technological innovation.

Application procedures

Applications are open from 21 July 2026 at 10.00 (Paris time) until 21 August at 16.00 (Paris time).

The application process is entirely online. Applications must be submitted via the Odyssee platform by 4.00 pm (Paris time) on Friday 21 August. The CPJ application form, which can be downloaded from the following link: https://www.galaxie.enseignementsup-recherche.gouv.fr/ensup/cand_CPJ.htm, must be uploaded to the 'Title and works' section of the document upload page when submitting your application.

Contact

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