

<b>Context</b>	<p>A SATT (there are 13 on the French mainland) is a Technology Transfer Office.</p> <p>Our mission :</p> <p>To protect and develop inventions resulting from the work of public researchers in the region, turning their inventions into innovations placed on the market.</p> <p>To accelerate the process from declaration of the invention to transfer of the technology, product, process, service, software, etc. to a third party... and sometimes even to a new company, when the researcher in question becomes an entrepreneur!</p> <p>AST or SATT Aquitaine Science Transfert invests in biotechnology project named DOMINOES (Design Of new enzyMes for the biosynthesis of Innovative amiNO acids and peptidES) and recruits a maturation engineer to achieve an innovative prototype to present to pharmaceutical industries end of 2021.</p>
<b>Title position</b>	Maturation Engineer
<b>Employment nature</b>	<p>Contract : Fixed term contract (CDD) – full time</p> <p>Status : executive (cadre)</p> <p>Work time : 35h/week</p> <p>Start : as soon as possible</p>
<b>Qualification level</b>	Ph.D. in molecular biology, in microbiology, or in synthetic biology or equivalent experiences
<b>Location position</b>	La Rochelle University at LIENSs Laboratory, France
<b>Principal Mission</b>	<p>Maturation Engineer will be under the responsibility of Project Manager SATT and will assist her in the execution of maturation project and operationally the Scientific manager or researcher.</p> <p>This project is focused on the development of a production of an innovative antibiotic based on a nonribosomal peptide structure. Approaches relying on genetic engineering will be used in order to re-engineered enzymes able to elaborate the peptides of interest. Bacterial prototypes will be used to bioproduce the innovative antibiotic. The bioproduction pathway that will be re-engineered has been fully described by the host team. A previous patent has already been deposited on the gene cluster targeted.</p>

## R&D Engineer specialized in molecular biology

	The objective is to develop a biotechnology that will be further licensed to a pharmaceutical company.	
<b>Main activities</b>	<p>Genetic engineering:</p> <ul style="list-style-type: none"> <li>▪ Vector design and construction</li> <li>▪ Heterologous expression</li> </ul> <p>Bioproduction:</p> <ul style="list-style-type: none"> <li>▪ Microbial cultures</li> </ul> <p>Biochemistry:</p> <ul style="list-style-type: none"> <li>▪ Management of subcontracted analysis</li> </ul> <p>Communication:</p> <ul style="list-style-type: none"> <li>▪ Management of research reports and meetings</li> </ul>	
<b>Relationship</b>	Internally	Externally
	Project Manager Patent Engineer Scientific manager Technicians	Analyse's providers
<b>Skills</b>	<p>General skills :</p> <ul style="list-style-type: none"> <li>▪ Ph.D. in molecular biology, in microbiology, or in synthetic biology or equivalent experiences</li> <li>▪ Strong oral and written communication skills</li> <li>▪ Knowledge of french language will be an asset but not mandatory</li> <li>▪ Ability to work both independently and as the member of a team</li> </ul>	
	<p>Technical Skills :</p> <ul style="list-style-type: none"> <li>▪ Strong skills in site-directed mutagenesis, gene knockout, gene cluster manipulation, heterologous expression and protein engineering</li> <li>▪ Past work experience in the field of nonribosomal peptide synthetases would be an asset</li> </ul>	
	<p>Personal Skills :</p> <ul style="list-style-type: none"> <li>▪ Reactivity</li> </ul>	

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	<ul style="list-style-type: none"> <li>▪ Determination</li> <li>▪ Problem solving</li> <li>▪ Rigor</li> </ul>
<b>Remuneration</b>	Depending of experience
<b>Application</b>	<p>Please address your application (CV + cover letter), with reference position: <b>IM_DOMINOES_202011060110</b></p> <p>By mail : <a href="mailto:recrutement@ast-innovations.com">recrutement@ast-innovations.com</a></p> <p>By letter : Aquitaine Science Transfert – D.R.H. Bâtiment A31 - 3<sup>ème</sup> étage 351 Cours de la Libération 33405 TALENCE Cedex</p>

: Siège social  
: Bâtiment A31, 3<sup>ème</sup> étage  
: 351 cours de la Libération  
: 33405 TALENCE Cedex  
: Tél. : 05 33 51 43 00

: Établissement secondaire  
: Avenue de l'Université - BP 81121  
: 64011 PAU Cedex  
: Tél. : 05 40 17 52 92

[www.ast-innovations.com](http://www.ast-innovations.com)

SATT Aquitaine SAS au capital de 1 000 000 d'euros - RCS Bordeaux 753 027 663 - TVA FR46 753 027 663

