

Project founded by the Call 1898/2016 - POR FESR 2014-2020 Friuli Venezia Giulia - Axis 2 Activity 2.3.a.1 – Founded by POR FESR 2014-2020 as for LR 14/2015, art. 1 - Prat. n. 26094 (MIC)

NEW R&I SERVICES for Biomedical and Biotechnologies sectors (Smarth Health)

The acquisition of Research contracts are the core of Serichim 's activities. It follows the scheduling of the customers outsourced investment budgets: customers decide the allocation of next year outsourcing budget during the fourth quarter of each year. These seasonal characteristics have a negative impact on the planning and efficient use of Serichim resources, so that sometimes it is not possible to satisfy all requests in the required time losing some orders while, in other periods of the year, there is a partial under-utilization of the resources available.

To overcome these typical problems of the sector of activity, Serichim has taken two actions:

- a) to enhance the analytical instrumentation in order to acquire more research projects
- b) to enhance the activities of Custom synthesis productions to achieve a more continuous and efficient use of available resources..

Recently Serichim is increasing its efforts in order to be able to operate in the preparation of samples of pharmaceutical substances for human clinical trials. This entails, besides the implementation of the operating procedures according to the rules of Good Manufacturing Practices (GMP), also the characterization of the final product by means of validated analytical instrumentation. The validation procedures, which are performed by Authorized Authorities, require the availability of updated equipment. The new device has the characteristics to be able to pass validation tests, and is therefore an indispensable instrument to activate this new strategic line of operation in the Smart Health sector.

The new acquired HPLC chromatograph has been installed and successfully tested in the Serichim analytical department.

The validation tests were carried out internally, waiting to commission the official ones to the Authorized Body, verifying successfully the compliance of the new appliance with the most exacting regulations in force.

Its characteristics of precision, accuracy and repeatability have been verified by means of standard analytical procedures.

The new instrumentation has, to date, enabled the completion of some projects concerning the development of methods of synthesis of advanced intermediates for the preparation of contrast agents for RMI .Without the new HPLC, Serichim would be forced to let these test be made by qualified external laboratories.



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OPPORTUNITÀ PER UNA CRESCITA SOSTENIBILE

