

**Nanomedic, a. s.**

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Company Registration No. 27502881  
Tax Identification No. CZ27502881

<b>Registered number of employees:</b>	2
<b>Revenues (millions of CZK):</b>	1,09
<b>Registered capital of the company (millions of CZK):</b>	2
<b>The proportion of exports in total revenues (in %):</b>	0

**Authorized representative  
of the company:**

RNDr. Vladimír Velebný, CSc.  
Chairman of the Board  
e-mail: nanomedic@nanomedic.cz

**Cluster manager:**

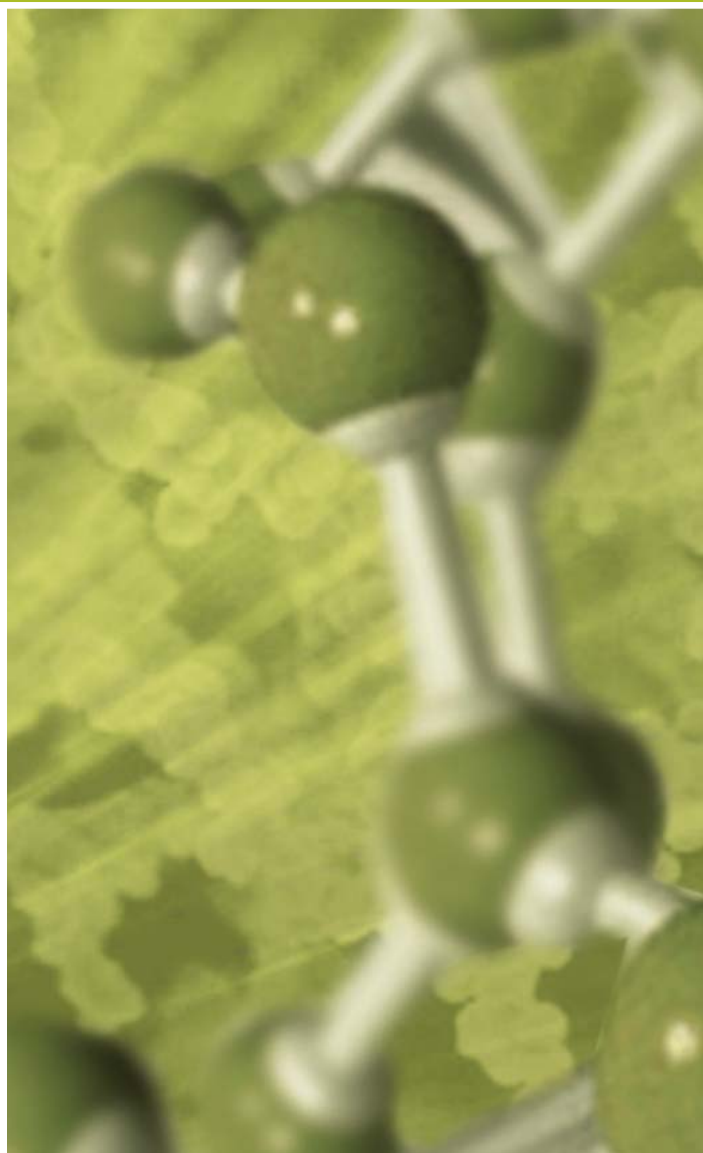
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**Cluster Nanomedic** is a group of companies, universities and research departments that aim to cooperate in research, development, manufacturing and the business realisation of products in the field of wound covers, tissue replacement, products for targeted drug delivery and products for gene therapy with the goal to achieve a strong position on the world market.

Cluster supports the formation of new study programmes and also contributes to the education of multidisciplinary specialists. Moreover, cluster stimulates the development and production of new machinery and devices and the formation of new standards and corresponding testing methods and procedures.

In the future, the cluster will attempt to create new space for grounding of the new small enterprises and spin-off companies and foundation of a research and technology park.

The cooperation on the research programmes in the frame of cluster is based on the bottom-up approach, where on the grounds of the initiative from the bottom up the multidisciplinary teams will be consisting of specialists from various fields and organisations joint in the cluster. Together they will tackle the research and developmental projects of the above mentioned specialisation. The emphasis is put on the fact that the given research task is to be tackled in a complex way. In case of the specific pharmaceutical, this concerns not only the finalisation of the actual development of the product, but also other operations necessary for the product introduction to the market (i.e. its registration or development and manufacturing of special machinery and devices for manufacturing of newly developed pharmaceuticals).



### Specialised scope of the Nanomedic cluster

1. Development of nano and microfibres
2. Development of wound covers
3. Development of products for tissue engineering
4. Development of carriers for targeted drug delivery
5. Development of products for gene therapy

**The aim** of the project was to search out and join the suitable partners from the industry and services into a cluster with respect to the cluster vision and the analysis results of the Czech and world background in the field of nanomedicine and to further development of optimal primary and secondary bounds between the cooperating subjects so that the group would be able to put through its innovation, product and technological outputs on the markets of the European Union and the whole world. The emphasis was put on the junction of the intellectual and financial potential for development of innovations with high added value and on the utilisation of the cooperation of experts from various fields and subjects to shorten the research, above all though on acceleration of its transmission to the time-consuming and economically demanding verification phase which is necessary for the presentation of new outputs.

### The mission of the project is:

- to enhance the ability of the enterprises to compete by creating conditions for their mutual cooperation, including above all the support of the innovative processes, maintaining the standards and obtaining certificates, utility designs and patents with concentration of the intellectual potential,
- to search and find ways of linking production, science, research and especially stimulate export,
- to obtain the state support and access to finances from the sources of the European Union, where the legal form of a cluster in advance guarantees the integration of the own capital of its members with the contribution from the public sources (national or unional), necessary for meeting the middle-term and long-term innovation goals,
- to monitor the world developmental trends in the field of biotechnology, nanomaterials, introduction of innovations,
- export promotion and marketing,
- to increase the specialised and professional competence of the employees by cooperating with universities and research-development institutions,
- counselling and other services provided for the members by the cluster initiative.

**The benefit** of the Nanomedic cluster is also the effectivisation of the mutual communication, faster access to information sources in the field of knowledge, education in the sphere of innovation enterprise and a necessity of cooperation for reinforcement of the export position of the Nanomedic group and the joint preparation of the cooperation-based innovation projects.

