

Vision statement – The Personalised Medicine Network at Aarhus University

Definition of personalised medicine

Personalised medicine is based on the principle that individuals are different. With personalised medicine, prevention, diagnosis, and treatment are adapted to the individual patient's genetic and biological profile, environment, and lifestyle. The objective is to diagnose, treat and monitor a range of diseases more effectively and with least intervention and fewest possible side effects – ranging from cancer, cardiovascular and immune-related diseases to diabetes and psychiatric disorders.

Objectives of the Personalised Medicine Network

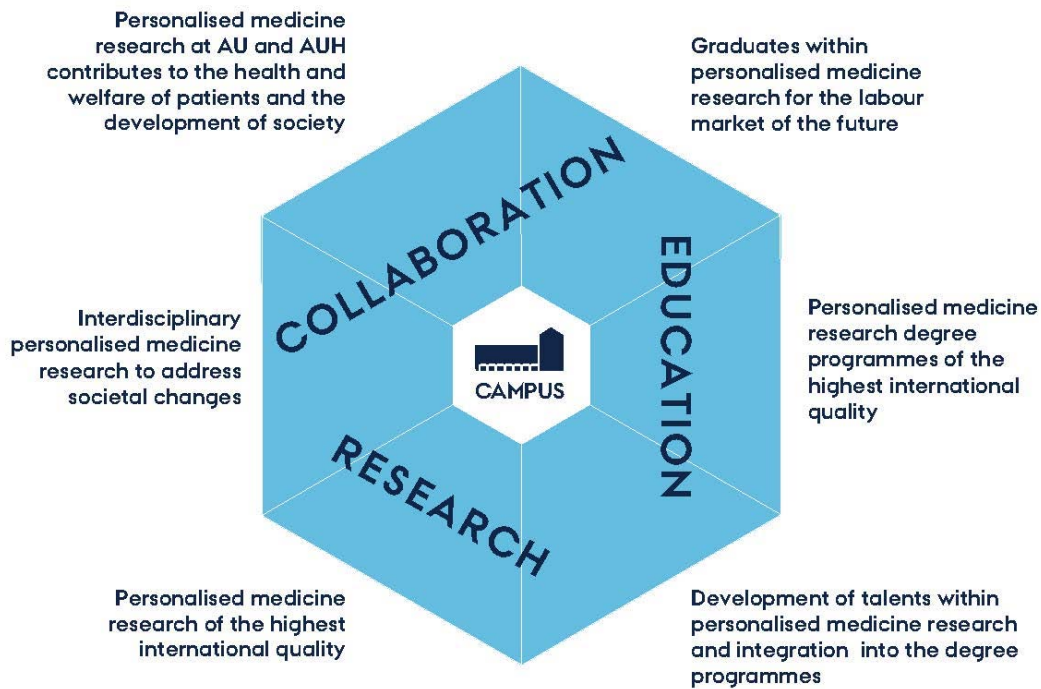
The Personalised Medicine Network encompasses a diverse collection of researchers at junior, middle, and senior career levels with a common aim to progress personalised medicine. Through coordinating activities, with Aarhus University as the central institution, the Personalised Medicine Network aims to work strategically and systematically to promote interdisciplinary research and education within personalised medicine. This involves facilitating integration of data and expertise as well as bringing together and fostering collaboration among bioinformaticians, basic and clinical researchers as well as public health researchers. The network covers a diverse range of research disciplines including, among others, genetics, molecular biology, bioinformatics, supercomputing, engineering, epidemiology, pharmacology, gene and RNA therapeutics, cell therapy, data protection, patients' rights, and ethics. Although we are based in Denmark, the network has a worldwide perspective. Therefore, we wish to improve the equality of medicine globally, and reduce the correlation between economic status and quality of treatment.

Network's strategy

In the Personalised Medicine Network, we will work to realise our objectives through core tasks:

- Promotion and facilitation of interdisciplinary collaborative research in personalised medicine at the highest international level
- Integration and support of university degree programs in personalised medicine
- Development of research talents in personalised medicine
- Dissemination of research findings to the clinic and promotion of clinical implementation strategies

- Development of novel research infrastructure and exploitation of existing unique resources to accelerate advances in personalised medicine
- Collaboration and coordination with national and international personalised medicine initiatives



Network's action plan

The Personalised Medicine Network work to realise this strategy through several network activities. Below you will find examples of current action points:

- Organization of conference(s) on personalised medicine
- Organisation of seminar series and workshops within personalised medicine
- Organization of focus groups that bring together researchers with an interest in a particular technique or scientific theme, *e.g.*, OMICS Focus Group and CRISPRscan Focus Group
- Advertisement of meetings and activities related to personalised medicine through a regular newsletter
- Publication of biannual newsletters