

Tuesday 09:00 - 09:30

**Efficiency gains through innovation in medicines development:
how can science contribute?**

*Prof. Jaap Verweij, Emeritus professor of Medical Oncology; on behalf of
the Netherlands Royal Academy of Arts and Sciences (KNAW)*



Despite major scientific advances in past decades, the pathway from initial target identification to a safe, effective and accessible new medicine, remains long, expensive and full of obstacles. This is becoming more pressing as innovative advanced therapy medicinal products, based on genes, tissues or cells, present new challenges and opportunities.

The Netherlands Royal Academy of Arts and Sciences (KNAW) installed an advisory committee that inventoried opportunities from science that could increase efficiency in drug discovery research, development and access, without loss of quality or safety. The report of the committee will be launched on October 5th.

Developing novel screening tools to identify interesting potential drugs and to predict clinical activity, designing novel methodologies of clinical assessment including use of large registries, and designing research based and supported Health Technology tools, are among the key issues identified. But most importantly, stimulating public-private partnerships and inter-academic collaborations seems key.

The process that the committee followed, will be outlined.