



EUROPEAN SOCIETY OF HUMAN GENETICS

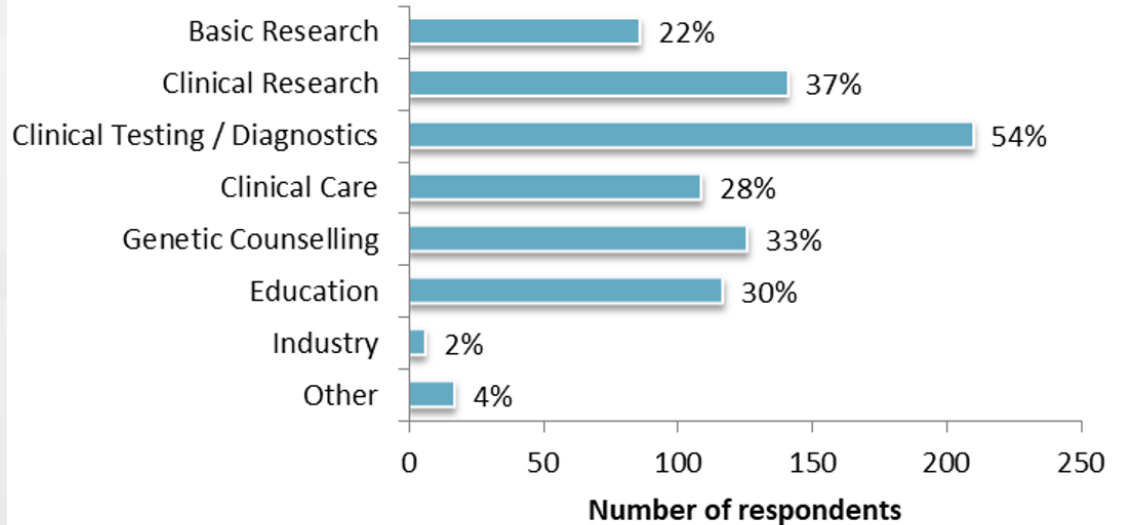
Leading Genomics into Tomorrow: ESHG's 5-Year Strategic Framework

- ESHG board survey (identification of topics)
- Refinement of topics (SC)
- ESHG + National Human Genetics societies survey
- Final Prioritisation (SC)
- SC survey (scoring/commenting)
- SC Consensus meeting

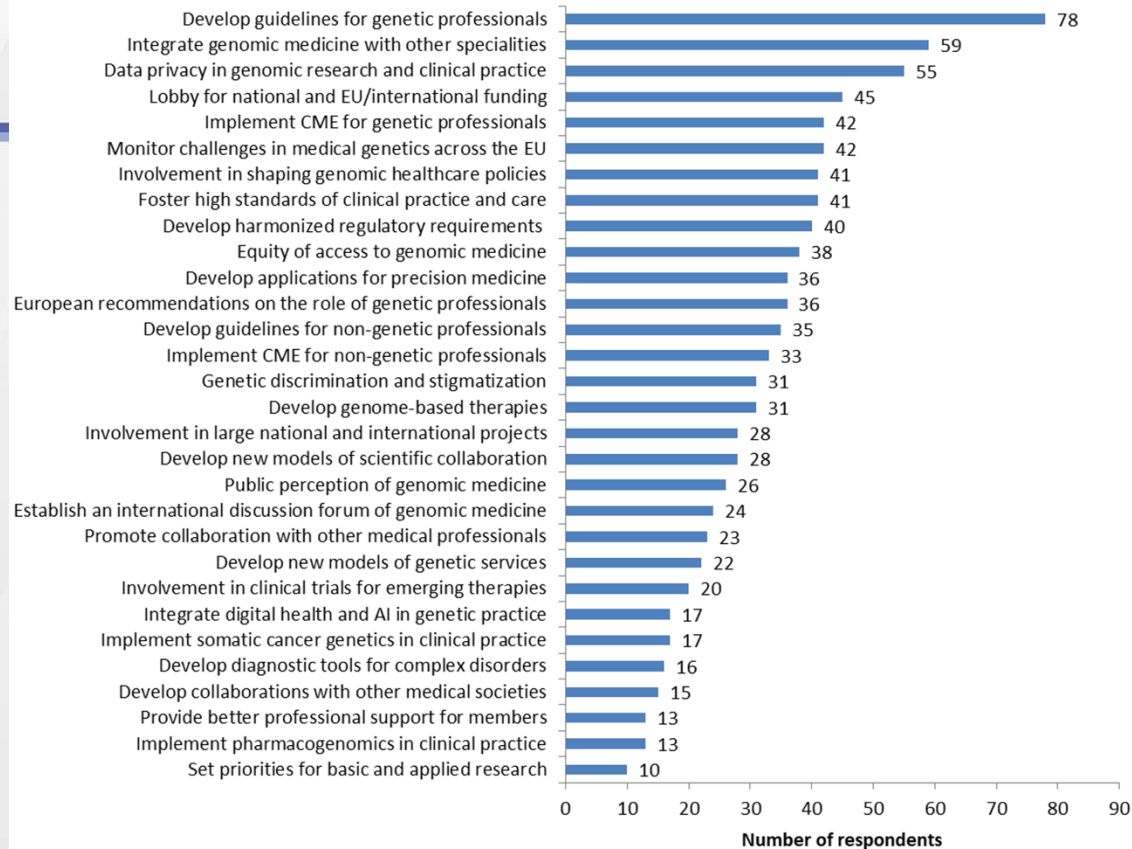
ESHG + National Human Genetics societies survey

386 participants
52 countries

Current activity in genetics



Highest priority



Strategy



- Vision
- Mission
- 5 Pillars
- 12 Goals

Vision & Mission

Vision

To lead the integration of genomic science into health systems, empowering individuals and communities by advancing precision healthcare and improving population health outcomes.

Mission

To be the leading international hub for translating genomic science into health impacts by fostering quality in research, clinical standards, health policies, and comprehensive education.

1. Integration of genome medicine in medical practice



Goal 1. Creating Clinical Pathways for Genomic Integration

By developing and implementing comprehensive **clinical guidelines**
.....to provide healthcare providers with the **tools, decision-support, and specialist input**
necessary to apply genomic information effectively, ultimately improving patient care and
achieving better and equitable health outcomes

Goal 2. Service provision

By **defining the roles of genetic health professionals** integrates cutting-edge scientific
advances and technologies, streamlines genetic service delivery, and **embeds genetics at**
every level of care—including primary care, to build a robust, multidisciplinary, and efficient
system.

1. Integration of genome medicine in medical practice

Goal 3. Clinical Trials & Advanced Therapies

....active role in both the organisation and participation in clinical trial design.....

We strive to accelerate the development of therapies, including gene-based treatments.....

Goal 4. Developing New Modes of Interaction between Health Systems and Commercial Providers of Genetic Services

....new modes of interaction between health systems and commercial providers of genetic servicesThis goal emphasizes collaboration, quality assurance, legal and ethical compliance, patient education, and continuous evaluation

2. Influencing health policies

Goal 5. Security, awareness & fair access

.....we will contribute to developing standards for **secure genetic data management**, foster public awarenesspromote equitable access to genomic services across Europe. **integrating genomic information into electronic health records** and initiatives to reduce testing, interpretation, and follow-up care barriers.....

Goal 6. International Genomic Forum

.....an annual International Genomic Forum, we aim to create a **global platform for collaboration, discussion, and networking among key stakeholders**.address current challenges, drive future innovations, and shape policies that support the integration of genomics into healthcare.

2. Influencing health policies

Goal 7. Public awareness, engagement & dialogue with patient perspectives

By enhancing public awareness, engagement, and dialoguefoster a well-informed societyincorporate patient perspectives to help demystify genomics, address public and patient-specific concerns, and promote informed decision-making..

3. Genomics for prevention

Goal 8. Public Health Genomics in Disease Prevention and Management

By fosteringsuch as **population-based genomic screening, carrier and prenatal screening, risk assessment and stratification, and genomic surveillance****public health initiatives** are driven by robust genomic data supported by high-standard quality assessment programmes,to make healthcare more proactive, preventive, and precise.....

Goal 9. Personalised treatment

.....responsible integration of personalized treatments into preventive healthcare through genomics,more effective and targeted medical interventions....

4. Research

Goal 10. Develop the Research Strategy

.....foster pioneering studies in genomic medicine that are collaborative, inclusive, and translational. **interdisciplinary research** across clinical, basic, and data sciences; supporting the **generation and responsible sharing** of high-quality, standardized genomic and health data; facilitating equitable access to such resources across Europe.

5. Education

Goal 11. Deliver high-quality, multidisciplinary education for relevant healthcare professionals

.....promoting continuous learning, utilizing digital and online platforms, and ensuring proper credentialing....

Goal 12. Education programs for citizens and other relevant stakeholders

.....education programs for citizens and other relevant stakeholders, including politicians, integration of genomic medicine into healthcare policy and practice.

Strategic Committee members



EUROPEAN SOCIETY OF HUMAN GENETICS



Lina Basel



Valerie Cormier-Daire



Francesca Forzano



Gert Matthijs



Gunnar Houge



Peter Krawitz



Rebecka Ann Pestoff



Borut Peterlin



Inga Prokopenkov



Birute Tumiene