Pathology
-the next 10 years!

*Modernise or die!*

Lisbet Sviland
Head, Department of Pathology
Bergen
The coming years will be a time of remarkable opportunity with the potential for anatomical pathology to have a crucial impact both on clinical care and translational/molecular research."
from
pathologists cockpit
to
The future of pathology challenges and opportunities

- the changing role of the pathologist
- diagnosis
- prognosis
- assessment of clinical implication
- choice of treatment
- assistance in clinical decision making
- educating/ guiding clinicians
- target identification/ assessment of treatment response
The future of pathology

• demand for "personalised medicine"
  – increasingly detailed reports
  – immunohistochemistry, molecular pathology

• increasing focus on:
  – turn round time
  – efficiency
Research

- clinical
- translational
- basic scientific
New technology

- laboratory instrumentation
- IT
- diagnostic tools
Automation

embedding

processing
Virtual microscopy
From glass slides to bits and bytes.
Digital pathology is revolutionising education, tissue research and diagnostic practice

Globalisation
- competition
- opportunities
- building expertise
- support others
Pathology in the future
Challenges

- Pathologists must be involved and engaged in new technology
- Important to work together with industry
- Ownership

- Morphology remains the gold standard against which all newer techniques have to be validated and assessed
Pathology in the future
Challenges

• Inadequate funding structures for laboratories
• Often competing for "residual" finance
• Perceived as being peripheral to general hospital activity

• Our budget advocacy skills need significant sharpening
Pathology in the future
Challenges

• Service demands are increasing year on year
• Little strategic investments in pathology departments by health planners
• Insufficient time for strategic thinking
• Emphasis largely on turn-round time and productivity
• Most of us complain about increasing workloads but do not present the analysis in order to overcome this difficulty
The future
Pathology in the future
Challenges

• How do we make our subject the most interesting and sought after speciality?
  – How do we recruit pathologists?
Perception of pathology

• General public (and many health workers) do not understand what pathology is, what pathologists do and the relevance of pathology to modern medicine

• In the university sector pathology related subjects are under pressure to maintain the core curriculum
Ikke bare
DE DØDES INSTITUTT


Norges største: Instituttet har målbarhetsåret som en av topp 10 i landet.

Avbildet: Prof. Tore Nygård, leder for forskingsgruppen ved Haukeland universitetssykehus.

OPPGAVE KREFT: instituttet har ansvar for å medvirke til å redusere kreftinnføringen i Norge. De har i tillegg også forskningsverk (FORSKNING). Dette gjør at de kan ta et aktivt innslag i vår samfunnsvei.

FORSKNING: En del av UiB

En del av UiB
Pathology Challenges

• Why is pathology usually hidden in some obscure part of the administration?
• Where is our interaction with the clinicians and clinical directors?

• Awareness campaign - DNP
• Get into positions of influence and power