Primary Liver Cancer - Disease Burden

- Primary liver cancer is the sixth most commonly diagnosed cancer
- The third leading cause of cancer death worldwide in 2020
- 906,000 new cases and 830,000 deaths/year

Europe 2020
- ~87,000 new cases
- Average age-standardized annual incidence rate of 5.2 per 100,000 person years
- ~78,000 persons died in Europe as a consequence of liver cancer in 2020

Primary Liver Cancer is on the Rise!

Liver cancer is currently one of the few cancers with increasing incidence and mortality

70% increase for liver cancer-related mortality in the EU from 1990 to 2019\textsuperscript{1,2}

\textsuperscript{1}Group GBoDS. 1990-2019 \textit{Lancet} 2020;396:1204;
\textsuperscript{2}Group GBoDS. Global Burden of Disease Results Tool; http://ghdx.healthdata.org/gbd-results-tool.
Effective Primary Prevention of Liver Cancer by Preventing Liver Disease and its Progression

Most liver cancer is caused by viral hepatitis:\(^3\)

- **HBV**: 54%
- **HCV**: 31%
- **Alcohol, fatty liver and other**: 15%

There are substantial regional variations. Fatty liver disease will be increasingly important as it becomes more common.\(^4\)

Primary prevention of Liver Cancer – The Evidence

Risk of Liver Cancer decreases after cure of hepatitis C (n=1372)\(^3\)