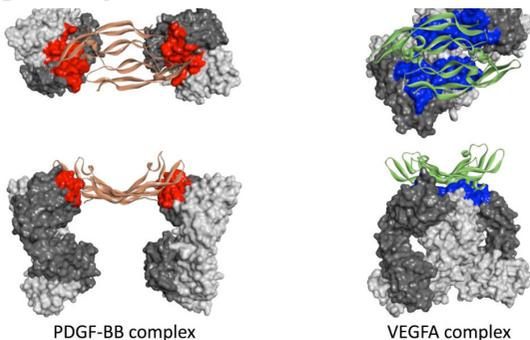


Engineering antibodies with dual target capture



Pharmaceutical company Roche has developed 'dual targeting' Fab molecules containing two spatially independent binding sites for targeting distinct antigens. The new antibodies hold promise for drug design countering macular degeneration and diabetic oedema. [Read the full story](#)

Gearing up for challenging proteins at MicroMAX



A group of researchers from Sweden and Germany provide proof of concept for implementing serial crystallography at BioMAX beamline and the upcoming beamline MicroMAX. Both offer intriguing possibilities to study membrane proteins, key targets for pharmaceutical drugs. [Read the full story](#)

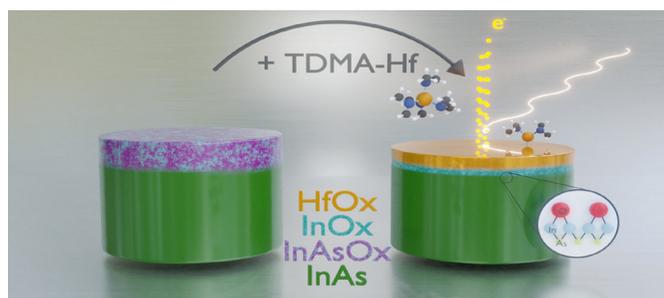
The researchers who look into the tiniest part of a cell



Utilizing BioMAX beamline, a team at Matrix Biology lab in Lund has solved the crystalline structure of DS-epi1, a human enzyme which controls chemical reactions in cells related to DS biosynthesis. The findings offer possibilities for molecular design of active site inhibitors and medications against various cancers and blood clotting diseases. [Read the full story](#)



Molecular-scale look at oxide formation for high-performance electronics



Lund University researchers and colleagues have investigated the industrially important atomic layer deposition procedure for deposition of hafnium oxide on indium arsenide. The research could play a significant role in the future development of low-power and high-speed electronics. [Read the full story](#)

Floating droplets aid studies of challenging protein solutions



Researchers from Denmark and Sweden have shown the acoustic levitation method can successfully enable studies on high concentrations of proteins in solution—important results for the pharma, food and chemical industries. [Read the full story](#)

MAX IV 33rd User Meeting

Save the date! The MAX IV 33rd User Meeting will take place 25-27 October 2021. Check the [User Meeting web page](#) for details, including updates and registration information.

