Round table discussion:

"Artificial Intelligence in Medicinal Chemistry, what's next?"

Panelist:
Dr Nikolaus Stiefl (Novartis, Switzerland)

About the panelist: Nik is a trained pharmacist who followed his passion for data and early drug discovery already during his studies. After graduation he moved on to GlaxoWellcome to dig deeper into computational chemistry and followed this up with a PhD (University of Wuerzburg) and later a postdoc (EliLilly) in cheminformatics and chemometrics.

Nik joined NIBR in 2005 as part of GDC's CADD group where he worked in multiple small-molecule drug discovery projects, developed new scientific algorithms as well as software for the community.

Some exciting data science projects Nik worked on over the years:

- FOCUS - a global communication and modeling platform for applied and computational medicinal chemists
- Cheminformatics approaches for DNA-encoded libraries
- iGPS - integrated GDC, PKS and Safety dashboard for Discovery
- Algorithmic explorations of chemical reactions
- Generative chemistry to enable drug discovery project teams