

# "(Synthetic) Approaches to Lead Identification"

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In the light of the long drug development times and the high attrition rates it is imperative to be careful in the selection of new projects and efficient in the definition of new chemical lead structures. Historical and modern approaches in lead identification will be reviewed, including e.g. DNA-encoded library technology. A special emphasis will be on how synthetic medicinal chemistry can contribute applying the concept of "double virtual screening".