

# Chemistry A European Journal

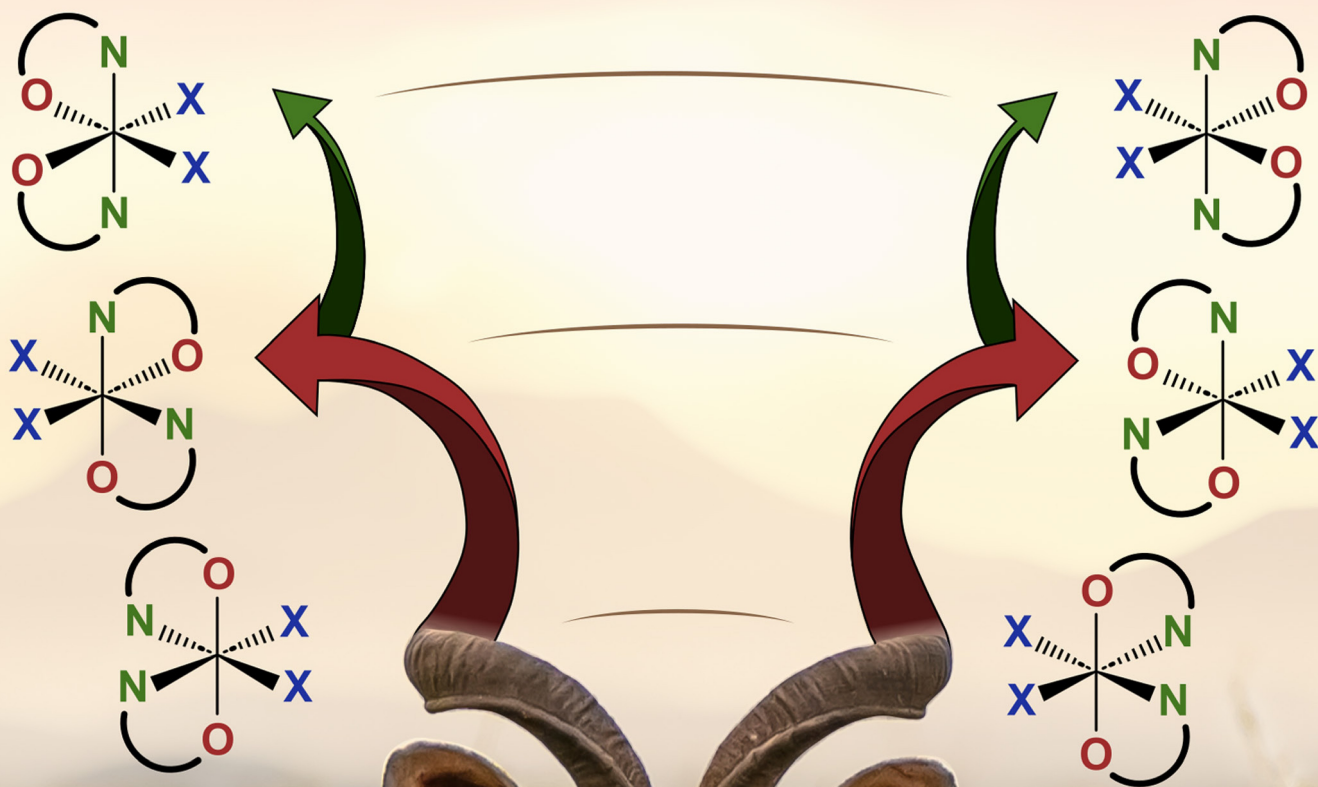
 **Chemistry  
Europe**

European Chemical  
Societies Publishing

**Front Cover:**

*K. Lammertsma and co-workers*

Chiral-at-Metal Racemization Unraveled for  $\text{MX}_2(\text{a-chel})_2$  by Means of a Computational Analysis of  $\text{MoO}_2(\text{acnac})_2$



# CHIRAL-AT-METAL RACEMIZATION

## COVER

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**Chiral-at-metal racemization** has been unraveled for  $\text{MoO}_2(\text{acnac})_2$  by using density functional theory. Nine energy minima, 13 transition structures, and all intrinsic reaction coordinates were identified. The kudu's antlers show the three sets enantiomers for *cis*- $\text{MoO}_2(\text{acnac})_2$ . Each antler reflects their chiral isomerization by DML twists. The horizontal lines connecting the antlers reflect chiral-at-metal racemization for each enantiomer by CH twists. More information can be found in the Research Article by K. Lammertsma and co-workers (DOI: 10.1002/chem.202302516). Design by Paul F. Lammertsma.



*Dr. G. Dhimba, Prof. Dr. A. Muller,  
Prof. Dr. K. Lammertsma\**

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**Chiral-at-Metal Racemization  
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 $\text{MoO}_2(\text{acnac})_2$**