

**Job responsibilities:**

- Synthesis and characterization of rhodium catalysts for hydroformylation (including structural elucidation and reactivity studies)
- Reactivity studies of rhodium complexes with and without surfactants
- Investigation of micelles under various conditions in connection with observed catalytic activity
- Preparation of scientific manuscripts and publications as well as collaboration in the preparation of scientific project proposals
- Performance of teaching duties.

Requirements:

- Completed university degree (master's, diploma) in chemistry
- Excellent knowledge of the synthesis of coordination compounds and organometallic compounds under inert conditions
- Experience in the application of spectroscopic methods (especially NMR spectroscopy)
- Very good written and spoken English
- Very good communication and teamwork skills as well as solution-oriented work are expressly desired
- Many continuing education opportunities and workshops on topics related to science and professional skills.