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V ÚTERÝ 26. LISTOPADU 2019 VE 13:00 H.

**V ZASEDACÍ MÍSTNOSTI ÚACH
(F III, 1. PATRO) V ŘEŽI**

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**SELECTIVE ION-BINDING PROPERTIES OF RHODAMINE-
TRANSITION METAL BICHROMOPHORIC HYBRIDS AND
NOVEL RHODAMINE DERIVATIVES**

Přijďte se dozvědět víc

Hosté jsou srdečně vítáni

Selective Ion-Binding Properties of Rhodamine-Transition Metal Bichromophoric Hybrids and Novel Rhodamine Derivatives

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In this seminar, some bichromophoric sensory assemblies, from the combination of a rhodamine sensing derivative and luminescent transition metal complexes, including iridium(III), rhenium(I) and platinum(II) systems, will be presented. Modulation of energy transfer, aggregation-deaggregation processes, cell imaging and photo-dynamic therapy (PDT), were explored for such rhodamine-transition metal hybrids. Other novel classes of rhodamine derivatives containing two spiro lactam groups with five fused six-membered rings, and some rhodamine derivatives for the selective sensing of lanthanide(III) ions will also be discussed.