Relations between Reshetikhin--Turaev and re-normalized link invariants

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Costantino--Geer--Patureau-Mirand proved relations between the Reshetikhin--Turaev link invariants and the re-normalized link invariants for knots. Their theorem says that residues of the re-normalized link invariants are given by the Reshetikhin--Turaev link invariants. However the residues vanish in the case of links, so we can not obtain any relations from the residues. The main goal of this talk is to prove that the Reshetikhin--Turaev link invariants appear in higher order terms of the re-normalized link invariants for links which are plumbed.