1122-46-368 **Piotr M. Hajac*** (pmh@impan.pl), Ul. Sniadeckich 8, 00-656 Warsaw, Poland, and **Ludwik Dabrowski** (dabrow@sissa.it), Via Bonomea, 265, 34136 Trieste, Italy. *Noncommutative Borsuk-Ulam-type conjecture revisited.* Preliminary report.

Let H be the C*-algebra of a non-trivial compact quantum group acting freely on a unital C*-algebra A. Baum, Dabrowski and Hajac conjectured that there does not exist an equivariant *-homomorphism from A to the equivariant noncommutative join C*-algebra $A * H$. When A is the C*-algebra of functions on a sphere, and H is the C*-algebra of functions on $\mathbb{Z}/2\mathbb{Z}$ acting antipodally on the sphere, then the conjecture becomes the celebrated Borsuk-Ulam Theorem. Recently, Chirvasitu and Passer proved the conjecture when H is commutative. In a simple way, we extend this result to a far more general setting assuming only that H admits a character different from the counit. In particular, our result implies the non-contractibility of q-deformed compact Lie groups. (Received August 16, 2016)