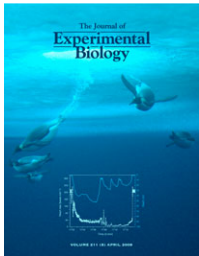


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Cover: By deploying digital ECG recorders on emperor penguins (*Aptenodytes forsteri*) diving beneath the isolated dive holes of Penguin Ranch (McMurdo Sound, Antarctica), Meir and colleagues demonstrated that a true bradycardia (heart rate significantly less than heart rate at rest) occurred routinely, reaching extremely low levels at the end of long dives (see article by J. U. Meir et al., pp. 1169–1179). The classic Scholander–Irving dive response in these emperor penguins contrasts with the absence of true bradycardia in diving ducks, cormorants and other penguin species. Photo credit: Katherine Ponganis.

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