



**Figure 1. Antarctic notothenioid fish are endemic of Antarctic waters.** To correctly apply conservation measures, we must investigate how they could react to the already observed global climate changes. (a) Lab-equipment ready for (b) sampling several tissues from notothenioid individuals for genetics during a polar cruise in Weddell Sea (Antarctica). (c) The sun is shining above the cold waters of the Weddell Sea. Photo credit Chiara Papetti