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Ms Samantha Leggett
Newnham College
Sigdwick Avenue
Cambridge CB3 9DF

7th Feb, 2019

Our ref: **C14/5137**

Dear Samantha

The following radiocarbon measurement has been made on a sample from this project.

OxA	Sample	Material (species)	δ^{13}C	Date
Newnham College, 52 11'59.10"N 0 6'22.20"E, UK				
OxA-38080	NEWN_146	bone (human)	-19.37	1306 ± 24

The date is uncalibrated in radiocarbon years BP (Before Present - AD 1950) using the half life of 5568 years. Isotopic fractionation has been corrected for using the measured δ^{13}C values measured on the AMS. The quoted δ^{13}C values are measured independently on a stable isotope mass spectrometer (to ±0.3 per mil relative to VPDB). For details of the chemical pretreatment, target preparation and AMS measurement see Bronk Ramsey et al., 2004, *Radiocarbon* **46** (1) 17-24, and Brock et al., 2010, *Radiocarbon* **52** (1): 103-112. The attached calibration plot, showing the calendar age ranges, has been generated using the Oxcal computer program (v4.3) of C. Bronk Ramsey, using the 'IntCal13' dataset (*Radiocarbon* **55** (4), 2013).

As you may know we publish all dates measured at Oxford in a datelist which appears in the journal *Archaeometry*. When you have had the chance to consider the implications of the result I wonder if you would be kind enough to send your brief comments to me.

Yours sincerely

Emma Henderson