Their research suggested that at the extreme temperatures and pressures found in earth's core, Xenon can bond with both iron and nickel. "We do hope future high-pressure experiments can be carried out to confirm our predictions." Ma was quoted as saying in media reports.

Comment by the presenter: The first observation by this presenter and his colleagues of spectra attributed to $BeXe^+$ molecular ion in the laboratory was possible by passing Xenon gas at relatively higher pressures over beryllium chloride powder in a discharge tube. (Reference already given)

Offer: There are some diatomic molecules / molecular ions that are possible to be produced and identified in the laboratory experiments with beryllium as one of the atoms. This presenter is willing to correspond with anyone who is interested in proceeding with the expected research work, with a detailed experimental plan.

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Citation & Honour: Dr.G.Herzberg, Nobel laureate through a commendation letter (written in 1978) about the discoveries

(*see below*).