



Figure 1: Paleogeogeographic reconstruction of the Toarcian (183.7 to 174 Ma) indicates the Arabian Plate straddled the Equator along the southern margin of the Neo-Tethys Ocean (Scotese, 2023). Localities in the article: (1) Central Saudi Arabia, (2) Kuwait, (3) Wadi Sahtan in Oman. (4) Chacay Melehue in Argentina, (5) Hispanic Corridor, (6) Penniche in Portugal, and (7) Mochras borehole in UK.