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(54) Title: SALIVARY BIOMARKERS OF BRAIN INJURY

(57) Abstract: Methods of diagnosing, monitoring, treating, and predicting the course of traumatic brain injury (TBI), including mild traumatic brain injury (mTBI), include determining a level of at least one RNA biomarker (e.g., miRNA) in a saliva sample from a subject. Also described are sensor elements, detection systems, compositions, and kits for diagnosing, monitoring, treating, and predicting the course of TBI.