



## Biosensor Sciences and Technologies Research Center

\*The profile of the center's director:

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\*concise descriptive summary for the center:

The Biosensor Science and Technology Research Center (BSTRC) at Ardabil University of Medical Sciences obtained preliminary approval based on the resolution passed during the 279th meeting of the Council for the Development of Medical Sciences Universities, held on August 11, 2019. The center's mission is to establish a robust platform for conducting both fundamental and applied research in the field of biosensors. Key priorities include the design and fabrication of various types of smart biosensors using advanced nanomaterials, facilitating the integration of these technologies into societal applications, and promoting the widespread adoption of biosensor technology.

Comprising a team of experts in biosensor technology and related fields, the center focuses on advancing knowledge, developing new methods for early, rapid, and cost-effective diagnostics, and enabling targeted treatments. The Biosensor Science and Technology Research Center strives to generate scientific knowledge and research in the biosensor domain, transform cutting-edge science into practical technologies, and work towards the production and public dissemination of biosensors, with the ultimate goal of improving public health both nationally and internationally.