ADDRESS OF WELCOME OF THE PRESIDENT OF THE THIRTEENTH INTERNATIONAL PHYSIOLOGICAL CONGRESS

By Professor WILLIAM H. HOWELL
THE JOHNS HOPKINS UNIVERSITY

May I express to you first the gratification and pride that we physiologists of the United States feel in welcoming the Thirteenth International Physiological Congress to our own country. It was only about fifty years ago, barely the space of a single lifetime, that physiology in this country began its career as an independent science with special facilities for instruction and research and for the training of its own group of workers.

Before that period individuals here and there had made notable contributions to the subject. Beaumont, Dalton, Flint, Weir Mitchell and Wood are names especially to be remembered. But the real birth of physiology with us began with the establishment of the laboratories of Bowditch at Boston, of Newell

1 Harvard University, August 19, 1929.

Martin at Baltimore and of Chittenden at New Haven. Into these laboratories were transplanted from Europe the spirit and methods of modern physiological research. Their directors were pupils of Ludwig and Bernard, Michael Foster and Kühne, and they grafted upon our medical courses the conception and practice of physiology as an experimental science along the lines laid down by the great masters of our modern era, Claude Bernard and Johannes Müller.

From these modest beginnings have sprung the splendid laboratories in experimental physiology and medicine which we now possess. Our workers are numbered by the hundreds and our contributions to the advancement of the subject increase constantly in importance. We look upon this meeting of the congress at Boston as a recognition that American physi-