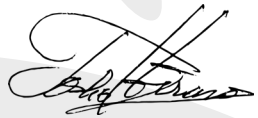
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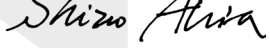


Toshio Hirano, M.D., Ph.D.

President
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This is to certify that

Arlene R. Takesy-Mallarme



Shizuo Akira, M.D., Ph.D.

Professor
Director of WPI Immunology Frontier Research Center
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successfully completed and received a passing grade in

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