

# Qyxexmsr Q]H<< P6:9T

by Wxizir T2 Xvisr, MD0 T1H



Steven P. Treon, M.D., Ph.D.

*Dr. Steven Treon discusses the recent discovery of a mutation present in a large majority of WM patients in his research team's study and its future implications for the diagnosis and treatment of our disease. The IWMF is proud to have provided partial funding for this groundbreaking research.*

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Y cnfgpvtq o øu"Ocetq inqdwnkpg o kc"cv"vjg" Fcpc/"Hctdgt"Ecpegt"Kpukvwvg"cpf"  
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Uqekgv {"qh" Jg o cvnqi {"\*CUJ + "qp" Fgego dgt"34."4233." fguetkdgf" c" o wvcvkqp."  
qeewttkpi"kp"ppg"ukp ing" FPC" o qngewng"qww"qh"vjg"tg"dknkqp" FPC" o qngewngu"  
y jkej" o cmg"wr"vjg" i gpgvke"eqfg"qh" c" egm."cu"vjg"ngc fki" ewnr tkv"kp"  
Y cnfgpvtq o øu"cpf" c"vcti gv"htq"pg y" fki pquvke"vguvu"cpf"ftw i" fgxgnqr o gpv"  
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Y j qng"i g p q o g"u g s w g p e k p i \* Y I U + " k u " c " r q y g t h w n " p g y " v g e j p q n q i { " v j c v " g p c d n g u " v j g " t g c f k p i " q h " g c e j " q h " v j g "  
5 " d k n n k q p " F P C " o q n g e w n g u " v j c v " o c m g " w r " v j g " 4 5 " r c k t g f " e j t q o q u q o g u " v j c v " c t g " h q w p f " k p " v j g " p w e n g w u " q h " c "  
j w o c p " e g n n 0 " V j k u " k p e n w f g u " v j g " F P C " o q n g e w n g u " v j c v " o c m g " w r " i g p g u " v j c v " e q f g " h q t " r t q v g k p u " v j c v " t g i w n c v g "  
j q y " c " e g n n " h w p e k q p u . " c u " y g n n " c u " v j g " F P C " o q n g e w n g u " v j c v " u v t k p i " v q i g v j g t " i g p g u . " y j k e j " k p e n w f g " t g i k q p u "  
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Vq" r g t h q t o " y j q n g " i g p q o g " u g s w g p e k p i . " o c n k i p c p v " e g n n u " \* n { o r j q r n c u o c e { v k e " e g n n u + " k p " v j g " d q p g " o c t t q y u "  
q h " r c v k g p v u " y k v j " Y c n f g p u v t q o 0 u " o c e t q i n q d w n k p g o k c " y g t g " k u q n c v g f 0 " F P C " y c u " v j g p " k u q n c v g f " h t q o " v j g "  
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y g t g " u w d l g e v g f " v q " u g s w g p e k p i 0 " V j g " t g u w n v k p i " u o c m n " F P C " u g s w g p e g " t g c f q w v u " y g t g " c n k i p g f " y k v j " v j g " c k f " q h "  
u w r g t e q o r w w g t u " v q " c " 0 t g h g t g p e g " i g p q o g 0 " o c f g " r q u k d n g " d { " v j g " J w o c p " I g p q o g " R t q l g e v 0 " U k p e g "  
j w p f t g f u " q h " v j q w u c p f u " q h " f k h h g t g p e g u " k p " F P C " o q n g e w n g u " \* r q n { o q t r j k u o u + " e c p " g z k u v " h t q o " q p g " r g t u q p " v q "  
c p q v j g t . " v j g " r c v k g p v 0 u " q y p " Y O " e g n n " F P C " t g c f q w v u " y g t g " e q o r c t g f " c i c k p u v " v j g k t " q y p " p q t o c n " e g n n 0 " V j k u "  
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v j g p " c n k i p g f " c i c k p u v " 0 Y O " e g n n " F P C 0 0 " R c k t g f " c p c n { u k u " h q t " 3 2 " Y O " r c v k g p v u " t g x g c n g f " v j c v " v j g " O [ F : : "  
N 4 8 7 R " o w w c v k q p " y c u " r t g u g p v " k p " c n n " 3 2 " r c v k g p v u 0 " V j g " u c o g " o w w c v k q p " y c u " v j g p " h q w p f " k p " w p r c k t g f " Y O " e g n n "  
F P C " h t q o " 3 9 " q h " 4 2 " q v j g t " Y O " r c v k g p v u " y j q " c n u q " w p f g t y g p v " y j q n g " i g p q o g " u g s w g p e k p i 0 " V j g " r t g u g p e g "  
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v j g " O C R M " c p f " P H / m D " r c v j y c { u . " d q v j " q h " y j k e j " c t g " m p q y p " v q " r n c { " k o r q t v c p v " t q n g u " k p " v j g " i t q y v j " c p f "  
u w t x k x c n " q h " Y c n f g p u v t q o 0 u " e g n n u 0

CD5, CD10, and CD23. Multiple myeloma, on the other hand, is typically CD20 negative and expresses CD138 and 138 with cytoplasmic immunoglobulin. Technically-adept immunopathology laboratories will routinely do these types of marker studies to help distinguish Waldenström's from other forms of bone marrow cancer.

*Dr. Gertz is Professor of Medicine, Chair of the Department of Internal Medicine, and Chair Emeritus of the Division of Hematology at Mayo Clinic in Rochester, MN. Dr. Gertz received his medical degree cum laude from Loyola Medical School in Maywood, Illinois. During a 3-year medical residency at Rush Presbyterian St. Luke's Hospital in Chicago, he was twice voted Resident of the Year. Subsequently completing his training in hematology and oncology at Mayo Clinic, he then continued in a research position at the Thorndike Laboratory at Boston City Hospital. In 1983 Dr. Gertz joined the Mayo Clinic staff.*

*Author of more than 300 publications, Dr. Gertz has participated in numerous clinical trials in the course of his research directed to multiple myeloma, amyloidosis, and Waldenström's macroglobulinemia. In recognition of his contribution to the understanding of these diseases, Dr. Gertz advanced to professor at the Mayo College of Medicine and to the chairmanship of the Division of Hematology at Mayo Clinic. In 2002 he was awarded the Mayo Distinguished Clinician Award for his contributions to patient care.*

*Other leadership positions filled by Dr. Gertz at the Mayo Clinic include President of the Mayo Rochester Staff and service on the Mayo Clinic Rochester Executive Board.*

*Dr. Gertz is a fellow of the American College of Physicians, a member of the Myeloma Subcommittee of the Eastern Cooperative Oncology Group, and a member of several professional organizations. He is currently the treasurer of the International Society of Amyloidosis and serves on three journal editorial boards.*

*In 2007 at the Fourth International Workshop on Waldenström's Macroglobulinemia, Dr. Gertz received the Robert A. Kyle Award in recognition of his role in advancing the understanding of this rare cancer*

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