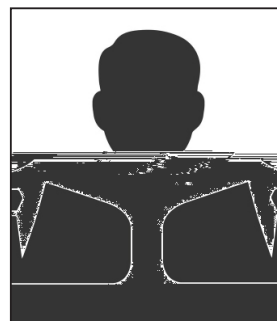


Title: Carboxypeptidase A3—A Key Component of the Protease Phenotype of Mast Cells

Dmitri Atiakshin



3HR SOHV·)ULHQGVKLS 8QLYHUVLW\ RI VFRZ 5X

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&DUER[\SHSWLGDVH \$ &3\$ LV D VSHFLÀF PDVW FHOO 0& SUR
WHDVH ZLWK YDULDEOH H[SUHVVLQRQ 7KLV SURWHDVH LV BOH RI WKH SU
IRUPHG FRPSRQH QWV RI WKH VHFUJHWRPH 'XULQ PDWXUDWLRQ RI
JUDQXOHV &3\$ EFRPHV DQ DFWLYH HOI PH ZLWK D FKDUDEFWHULVWLF
ORFDOL]DWLRQ GHWHUPLQLQJ WKH YHDWXUHV RI WKH FWRPRZLEDQ DQG
WUDVWUXFWXUDO SKHQRW\SH RI 0& &3\$ WDNHV SDUW LQ WKH UHJXODWL
RI D VSHFLÀF WLVVXH PLFURHQYLURQPHQW DIIHFWLQJ WKH LPSOHPHQW
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L]DWLRQ RI &3\$ H[SUHVVLQRQ LQ 0& FDQ EH XVHG WR UHÀQH WKH 0&
FODVVLÀFDWLRQ KHOS LQ D SURJQRVLV DQG LQFUHDVH WKH HIIHFWLYH
RI WDUJHWHG WKHUDS\