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### Novel insights into structure and function of factor XI

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# Novel insights into structure and function of Factor XI

Awital Bar Barroeta



**NOVEL INSIGHTS INTO STRUCTURE AND FUNCTION  
OF FACTOR XI**

**Awital Bar Barroeta**

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Cover illustrations by Awital Bar Barroeta. Protein structures used in the illustrations were based on the crystal structure of factor XI (PDB: 6i58), a camelid nanobody (PDB: 5imk), and thrombin (PDB: 7mj5).

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**NOVEL INSIGHTS INTO STRUCTURE AND FUNCTION  
OF FACTOR XI**

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aan de Universiteit van Amsterdam  
op gezag van de Rector Magnificus  
prof. dr. ir. P.P.C.C. Verbeek  
ten overstaan van een door het College voor Promoties ingestelde commissie,  
in het openbaar te verdedigen in de Agnietenkapel  
op vrijdag 24 maart 2023, te 16.00 uur

door Awital Bar Barroeta  
geboren te MEXICO-STAD

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