

**Research Foundation - Flanders  
Bilateral Research Cooperation with NSFC (China)**

*List of funded projects – 23/11/2021 (11)*

<u>Directors</u>	<u>Project number</u>	<u>Flemish University</u>	<u>Allocated budget</u>
<b>Alain Goossens</b> Chuanyou Li Characterization of the composition, functioning and role of transcription factor condensates in jasmonate signaling	G0E0922N	UGent	225.000 EUR
<b>Steven De Feyter</b> Lifeng Chi Yuan Fang Haiming Zhang Towards the formation and stabilization of molecule-based chiral interfaces across different platforms	G0E3422N	KU Leuven	225.000 EUR
<b>Thomas Hermans</b> Longjun Dong Lizhong Tang Ju Ma Mechanisms of rockmass instability in co-mining of deep mineral and geothermal energy considering spatio-temporal distribution of stress and temperature	G0E5222N	UGent	225.000 EUR
<b>Adrian Covaci</b> Lingyan Zhu Alexander van Nuijs Giulia Poma Guoquiang Shan Yiming Yao Wenjue Zhong Hao Chen Exposure of Pregnant Women to Halogenated Organic Pollutants (HOPs) and Health Implications in Areas Impacted by the Halogenated Chemical Industry (acronym - HOPE)	G0E5622N	UA	222.000 EUR

<b>Pieter Van Vlierberghe</b>	G0E6222N	UGent	225.000 EUR
<p>Hudan Liu Tom Taghon Guoliang Qing Functional analysis of the RNA helicase DHX15 in T-cell acute lymphoblastic leukemia</p>			
<b>Markus Wöhr</b>	G0E6722N	KU Leuven	297.800 EUR
<p>Bo Zhang Socio-Affective Communication through Ultrasonic Vocalizations in Mouse Models for Neurodevelopmental Disorders: Neurexins, Neuroligins and their Functions in Parvalbumin Interneurons</p>			
<b>Dirk Springael</b>	G0E8122N	KU Leuven	225.000 EUR
<p>Jianqiang Su Deciphering the role of insertion elements in community adaptation to anthropogenic environmental changes.</p>			
<b>Kevin Verstrepen</b>	G0E8222N	KU Leuven	339.800 EUR
<p>Zongjie Dai Jan Steensels Qinhong Wang Engineering superior microbial chassis strains and monoterpene synthases for highly efficient monoterpene production</p>			
<b>Shawkey Matthew</b>	G0E8322N	UGent	223.000 EUR
<p>Li Quanguo D'Alba Liliana Chang-Fu Zhou Mechanisms and evolution of mammalian hair color</p>			
<b>Peter De Maesschalck</b>	G0F1822N	UHasselt	223.600 EUR
<p>Xiang Zhang Renato Huzak Dongmei Xiao Jiang Yu Slow-fast systems with non-invertible first return maps</p>			

**Johan Hofkens**

GOF2322N

KU Leuven

268.800 EUR

Tianxi Liu

Maarten Roeffaers

Controllable Synthesis of Conducting Polymer/High-Entropy Perovskite Composites with "Quasi-gas-solid" Interfaces for Electrocatalytic Nitrogen Fixation and Reduction