

**Research Foundation - Flanders**  
**Bilateral Research Cooperation with FAPESP (BRASIL)**

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*List of funded projects – 06/12/2021 (7)*

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<u>Directors</u>	<u>Project number</u>	<u>Flemish University</u>	<u>Allocated budget</u>
<b>Alain Goossens</b> Magdalena Rossi Regulatory proteins acting at the crossroads of light and jasmonate signaling: characterization of their molecular function and their impact on crop quality	G0E1122N	UGent	225.000,00 EUR
<b>Tom Wenseleers</b> Fabio Santos Nascimento Oliveira Ricardo Caliri The evolution of caste plasticity and caste dimorphism in insect societies	G0F6622N	KU Leuven	247.429,77 EUR
<b>Ben Somers</b> Oliveira Rafael Silva Marina Hirota Assessing critical thresholds of tropical ecosystems integrity using water content estimated from field and microwave remote sensing data	G0F6922N	KU Leuven	173.000,00 EUR

<b>Paul Proost</b>	G0F8822N	KU Leuven	265.000,00 EUR
<p>Marques Rafael Elias  Fernando Cunha  Pedro Marques  Jennifer Vandooren  Sofie Struyf  Filho José Carlos Alves  Understanding the role of neutrophil recruitment and activation in arboviral diseases</p>			
<b>Philippe Smet</b>	G0F9322N	UGent	245.854,00 EUR
<p>Veloso Rodrigues Lucas Carvalho  Pieter Geiregat  Follow the charge : using advanced optical and X-ray spectroscopy to master charge transfer processes in phosphors</p>			
<b>Elke Deckers</b>	G0F9922N	KU Leuven	374.499,99 EUR
<p>Leopoldo de Oliveira  Claus Claeys  Lucas Van Belle  Carlos De Marqui Jr  Jaime Mosquera-Sánchez  Mass-manufacturable metamaterials with passive and smart inclusions for broadband noise and vibration attenuation performance</p>			
<b>Jan Baetens</b>	G0G0122N	UGent	206.500,00 EUR
<p>Bruno Odemir  Luis Rocha  An analysis of network automata as models for biological and natural processes</p>			