



Fonds Wetenschappelijk Onderzoek
Vlaanderen
Opening new horizons

Fonds Wetenschappelijk Onderzoek – Vlaanderen
SBO (Strategisch Basis Onderzoek) projecten met een
primaire maatschappelijke finaliteit
TOEKENNINGEN oproep 2019/2020

Promotoren	Dossiernummer	Begin- en einddatum	Toegekend bedrag in € per onthaalinstelling
Ignace Glorieux An Jacobs Bram Spruyt Nico De Witte Werner Schirmer Ilse Mariën Dimitri Mortelmans Anina Vercruyssen	S005221N	01/10/2020 – 30/09/2024	VUB UAntwerpen
Digital ageing: How seniors can appreciate the benefits and avoid the pitfalls of a digitalizing society			
Annick Willem Wim Hardyns Tom Vander Beken An Vermeersch Alain Van Hiel Dries Goossens Leen Haerens Letizia Paoli	S005521N	01/10/2020 – 30/09/2024	UGent KU Leuven
Prevention Of Fraud in Sports - PrOFS.			



Dimitri Mortelmans	S006121N	01/10/2020 – 30/09/2024	UAntwerpen	904.510,00
Jan Van Bavel			KU Leuven	268.028,00
Gerd Verschelden			UGent	627.336,00
Ann Buysse				
Sofie Vanassche			Arteveldehogeschool	195.035,00
FAMILY SOLIDARITY 2.0: towards renewed solidarity in diverse families				
Nico Boon	S006221N	01/10/2020 – 30/09/2024	UGent	1.999.187,00
Jan Arends				
Bart De Gusseme				
Emile Cornelissen				
Kristof Demeestere				
Ingmar Nopens				
BIOSTABLE: safe drinking water now and in the future				
Ben Somers	S006421N	01/10/2020 – 30/09/2024	KU Leuven	1.074.500,00
Matthew Blaschko				
Els Knaeps			VITO	579.769,00
Stien Heremans			INBO	457.338,00
Spatio-temporal deep learning workflows for transforming remote sensing data into geo-indicators for environmental policy support				



Bert De Munck Stijn Oosterlynck Peter Raeymaeckers Patrick Loobuyck Mieke Schrooten Katelijne Wils Bert Broeckaert Kim Christiaens Peter Heyrman Griet Roets	S006621N	01/10/2020 – 30/09/2024	UAntwerpen KU Leuven UGent	1.441.723,00 431.192,00 166.026,00
SOLIGION: Co-creating complementary forms of social support across faith-based organisations and secular welfare state institutions				
Kris Boudt Rudi Vander Vennet Wouter Duyck Koen Schoors Koen Inghelbrecht Steven Vanduffel Carole Bernard Bert Schreurs An Chen	S006721N	01/10/2020 – 30/09/2024	UGent VUB Universität Ulm	1.460.350,00 1.209.891,00
Towards efficient pillar II and III pension decisions in Belgium: Product innovations, customized goal-based pension planning and nudging				



Rozane De Cock	S006821N	01/10/2020 – 30/09/2024	KU Leuven	1.123.574,00
Peggy Valcke				
Tim Smits				
Bieke Zaman				
Steven Malliet				
Eva Lievens			UGent	589.000,00
Bart Soenens				
Davy Nijs			UC Leuven-Limburg	404.188,00
Gam(e)(a)ble: Interdisciplinary research on the blurring lines between gaming and gambling among teenagers				
Kris Bachus	S007021N	01/10/2020 – 30/09/2024	KU Leuven	904.613,75
Geert Van Hootegem				
Yoko Dams			VITO	505.425,44
MICHELLE: Modelling the Impact of a Circular Holistic Economy on the Labour market and Lifelong Learning				



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TOEKENNINGEN oproep 2019/2020

Promotoren	Dossiernummer	Begin- en einddatum	Toegekend bedrag in € per onthaalinstelling	
Johan Verbeeck Koen Janssens Joke Hadermann Johan Hofkens	S000121N	01/10/2020 – 30/09/2024	UAntwerpen	1.743.687,00
Automated Electron diffractometer for high throughput identification of nanocrystalline materials			KU Leuven	471.040,00
Georges Gielen Bart Nuttin Maaïke Op de Beeck Jan Vanfleteren	S000221N	01/10/2020 – 30/09/2024	KU Leuven IMEC	1.680.800,00 1.097.672,00
SCATMAN : Stroke CAvities Treatment Mechanism with Active Neural interfaces				



Robby Caspeele Wouter Botte Hans De Backer Stijn Matthys Geert Lombaert Els Verstrynghe Benoit Parmentier Niki Cauberg Petra Van Itterbeeck	S001021N	01/10/2020 – 30/09/2024	UGent	1.060.000,00
Multi-layer Bayesian life-cycle methodology for the structural assessment of existing concrete structures (lifeMACS)				
Catherine Verfaillie Frederic Lluis Martin Guilliams Charlotte Scott Yvan Saeys Leonardus van Grunsven	S001121N	01/10/2020 – 30/09/2024	KU Leuven UGent VUB	1.027.861,00 805.385,00 643.924 ,00
iPSC-based parenchymal and sinusoidal liver cell mimics for DILI and NAFLD studies (iPSC-LiMic)				
Zeger Debyser Catherine Verfaillie Francois Vermeulen Frauke Christ Marc Ferrante Frederik De Smet Sabine Tejpar Dries Braeken	S001221N	01/10/2020 – 30/09/2024	KU Leuven IMEC	2.578.500,00 403.198,00
OrganID: Organ-derived complex 2D/3D cultures in human disease				



Jan Michiels	S001421N	01/10/2020 – 30/09/2024	KU Leuven	1.702.414,00
Stijn Spaepen				
Bert Sels				
Bert Lagrain				
Kevin Verstrepen				
Natalie Verstraeten				
Maarten Fauvart			IMEC	597.712,00
Liesbet Lagae				
Microbial cell factories to convert food waste into high-value chemicals				
Jeroen Famaey	S001521N	01/10/2020 – 30/09/2024	UAntwerpen	684.035,00
Siegfried Mercelis				
Peter Hellinckx				
Carmen Delgado				
Sofie Pollin			KU Leuven	654.500,00
Dominique Schreurs				
Eli De Poorter			UGent	632.064,00
Hendrik Rogier				
IoBaLeT: Sustainable Internet of Battery-Less Things				



Peter Sergeant Luc Dupré Leo Kestens Jeroen De Maeyer Ann Witvrouw Eleonora Ferraris Frederik Desplentere Jozef Vleugels Marleen Rombouts Dirk Vangeneugden	S001721N	01/10/2020 – 30/09/2024	UGent	977.258,00
Multi-Material Additive Manufacturing for Electrical Machines with increased performance (AM4EM)				
Bram Vanderborght Dirk Lefeber Joris De Schutter Jan Swevers	S001821N	01/10/2020 – 30/09/2024	VUB	1.254.500,00
			KU Leuven	949.504,73
Energy-efficient, Lightweight, safe Yet Strong manipulator Arm (ELYSA) for cobot applications				
Raf Dewil Peter de Witte Deirdre Cabooter Ivo Vankelecom Dirk Springael Nico Boon Karel Deschamphelaere Jo Dewulf	S002121N	01/10/2020 – 30/09/2024	KU Leuven	1.900.500,00
			UGent	905.460,00
SmartDetox - Removal of organic micropollutants from water				



Claude Libert	S002721N	01/10/2020 – 30/09/2024	UGent	1.405.250,00
Filip Van Immerseel				
Dominic De Groote				
Benedikt Sas				
Jeroen Raes			KU Leuven	743.000,00
Promoting intestinal health by modulating the Zinc-microbiome axis at the Paneth cell level (acronym: ZIPAM)				
Stefaan De Smet	S002821N	01/10/2020 – 30/09/2024	UGent	1.452.549,90
Catharina De Schauwer				
Jolanda van Hengel				
Koen Dewettinck				
Benedikt Sas				
John Van Camp				
Bert Devriendt				
Wim Verbeke				
Jo Dewulf				
Sandra Van Vlierberghe				
Lieven Thorrez			KU Leuven	671.961,81
Cultured stem cells for customized meat design				
Bart Preneel	S003321N	01/10/2020 – 30/09/2024	KU Leuven	1.261.734 ,00
Marie-Christine Janssens				
Bruno Volckaert			UGent	298.650 ,00
Johann M. Marquez-Barja			UAntwerpen	280.856 ,00
MOZAIK: Scalable and Secure Data Sharing				



Jan De Beenhouwer	S003421N	01/10/2020 – 30/09/2024	UAntwerpen	1.016.800,00
Jan Sijbers				
Pieter Verboven				
Bart Nicolaï			KU Leuven	767.199,00
FoodPhase: Next generation X-ray phase contrast imaging for food quality and process engineering.				
Ivo Vankelecom	S003721N	01/10/2020 – 30/09/2024	KU Leuven	984.749,00
Korneel Rabaey			UGent	487.850,00
Joeri Denayer			VUB	512.874,00
Jan Leenknecht			Inagro	641.178,00
Biogas-MAMBO: Enhanced biogas valorization by membrane, adsorption and microbial technologies				
Jeroen Hoebeke	S003921N	01/10/2020 – 30/09/2024	UGent	1.756.480,00
Didier Colle				
Wouter Tavernier				
Ingrid Moerman				
Verifiable and elastic end-to-end communication infrastructures for private professional environments				