

SofinaBoël Fellowships : Laureates

2014

Mathieu BURNAY, KU Leuven, 6 mois en Chine – Beijing Normal University.

The Chinese Perspectives on the International Rule of Law: Origins, Impacts and Prospects for the Emergence of a Consensus on the Rule of Law at the International Level.

Priscilla CLAEYS, UCL, 12 mois en Inde – French Institute of Pondicherry.

Assessing alternatives to property rights over land in Tamil Nadu.

Alexandra de HEERING, UNamur, 12 mois en Inde – French Institute of Pondicherry.

Upper castes testifying about their perceptions of Dalit communities history and inter-caste changes (Tamil Nadu). An oral history approach.

Emma ESTEVENS, VUB, 6 mois en Chine – Nanjing Southeast University.

Development of therapeutic nanobodies targeting human acute Myeloid leukemia stem cells.

Sarah MELSEN, VUB, 12 mois en Inde – University of Pune.

Typology and tectonics in Pune's city architecture; an inquiry into the significance of socio-politics.

2015

Joris DALEMANS, KU Leuven, 6 mois en Inde – World Agroforestry Centre (ICRAF).

Bio-economic potential of alternative biofuel trees – Yield and co-benefits in Indian agroforestry models.

Florence PILATE, UMONS, 6 mois en Chine – Sichuan University.

Synthesis of polyester networks as multishape shape-memory polymer materials.

Lara PIVODIC, VUB, 6 mois en Inde – Calicut Institute of Palliative Medicine (IPM).

Identifying key features of effective community-based palliative care: a systematic description of the neighborhood network in palliative care in kerala, India.

2016

Élodie ROELS, ULg, 6 mois en Australie – University of Sydney.

6-months externship in the context of a small animal internal medicine residency programme (ECVIM-CA) including 1 month of research in the laboratory of infectious disease research.

Hanne STRUYFS, UAntwerpen, 6 mois au Canada – McGill University.

MRI biomarkers for synaptic and neurodegeneration in early Alzheimer's disease - a verification study.

Valentine THIRY, ULB, 6 mois en Malaisie – Danau Girang Field Centre.

*Eco-ethology of Proboscis monkey (*Nasalis larvatus*) and assessment of its role in forest regeneration along the Kinabatangan River, Sabah, Borneo.*

Dorien VAN LYSEBETTEN, UGent, 6 mois en Australie – University of Queensland.

Design and Synthesis of Cyclic Peptides with Improved Therapeutic Potential by Molecular Grafting on Bile acid Scaffolds.

Agatha VERDEBOUT, ULB, 12 mois au Canada – McGill University.

Indifference as 'pop culture' – A deconstruction of the traditional discourse on the use of force in the 19th century.

2017

Carmen ADRIAENS, KU Leuven, 12 mois aux USA – Bethesda National Cancer Institute.

Determining chromatin-related roles of the short non-coding RNA NEAT1_1 and paraspeckles in the cellular stress response.

Marie-Angélique DE SCHEERDER, UGent, 12 mois en Australie – University of Sydney.

HIV STAR: HIV-1 sequencing after treatment interruption to identify the clinically significant anatomical reservoir.

François HEREMANS, UCL, 12 mois au Royaume-Uni – University of Edinburgh.

Design of a transfemoral prosthesis with biarticular energy transfer.

Cedrick VERYSER, KU Leuven, 6 mois au Danemark – Aarhus University.

Reduction of carbon dioxide to carbon monoxide by first row transition metal electrocatalysts for application in drug design.

2018

Mariska BAUWELINCK, VUB, 6 mois en Espagne – IS Global.

Green Spaces and biomarkers of systemic inflammation in the Whitehall II cohort.

Jonathan GOLDENBERG, UGent, 6 mois en Afrique du Sud – Stellenbosch University.

The thermal properties of colored integument in lizards (Agamidae, Cordylidae): mechanisms and evolution.

Frederica PERRONE, UAntwerpen, 5 mois au Japon – RIKEN Brain Science Institute.

Assessing the pathogenicity of rare PSENs and APP mutations in Alzheimer Disease patients using AB43 ELISA and CRISPR/Cas9 genome editing.

Élise ROUSSEAU, UNamur, 6 mois au Canada – McGill University.

Blame games in international arenas: an exploration of diplomatic practices in the Kimberley process.

Yana VAN DEN HERREWEGEN, VUB, 6 mois au Royaume-Uni – University of Bristol.

Chemogenetic modulation of astrocytes in temporal lobe epilepsy.

Jeroen VRIJSEN, UHasselt, 6 mois en Australie – University of Melbourne.

Design of Star Polymers with Functional (Peptide) Sequences as Antimicrobial Materials.

Yulin WANG, VUB, 12 mois au Royaume-Uni – University College London.

Effective Functional Connectivity Comparison of Experiential Acceptance and Cognitive Emotion Regulation.

2019

Tom BETTENS, VUB, 6 mois en Allemagne – University of Heidelberg.

Development of force-induced molecular switches based on expanded porphyrins.

Benjamin CLAESSENS, VUB, 6 mois au Royaume-Uni – University of Edinburgh.

Investigating the mass transfer properties of 3D-printed ZIF-8 monoliths for biobutanol recovery.

Arnaud DUVIEUSART, UCL, 6 mois aux Pays-Bas – University of Utrecht.

Galois structures for 2-groupoids and double groupoids in Mal'tsev and semi-abelian categories.

Gilles PAREZ, UCL, 6 mois en Italie – International School for Advanced Studies.

Entanglement in integrable models: quantum quenches and critical phenomena.

Senne SENECA, UHasselt, 6 mois en Allemagne – Heidelberg University.
Photobiomodulation of collective cell behavior using multifunctional upconversion nanocarriers for advanced bone tissue regeneration.

2020

Antoine AERTS, ULB, 12 mois au Canada – University of Alberta.
Laser quantum control of model chemical processes and accurate electronic structure of polyatomic molecules.
[Visionner la vidéo de présentation du lauréat](#)

Emily CLAERBOUDT, UMONS, 6 mois en France – University of Strasbourg.
A functional analysis of the biosynthetic pathway of triterpenoids in asteroids and holothuroids.
[Visionner la vidéo de présentation de lauréate](#)

Charris DE SMET, UAntwerpen, 6 mois en France – IHMC Paris.
Revolutionising French consumption? Politics, products values and social identities within Parisian consumer culture (c. 1780 – c. 1870).

François RENAUD, UCLouvain, 6 mois en Australie – Macquarie University.
Characterising symmetric c-lenses by their least-change updating properties.
[Visionner la vidéo de présentation du lauréat](#)

Thibaux VAN der STEDE, UGent, 6 mois au Danemark – University of Copenhagen.
A novel exercise physiology mechanism in human muscle: the carnosine-histidine-histamine pathway.

Pierre VASSILIADIS, UCLouvain, 12 mois en Suisse – EPFL.
The interplay between sensory and reward feedback during motor learning: implications for neuroprosthetics and post-stroke rehabilitation.
[Visionner la vidéo de présentation du lauréat](#)

Jehan WAEYTENS, ULB, 6 mois en France – University Paris-Saclay.
Study at the submolecular level of amyloid fibrils by isotope-edited nano-infrared spectroscopy.
[Visionner la vidéo de présentation du lauréat](#)

2021

Isabel CASTEELS, KU Leuven, 6 mois aux Pays-Bas – University of Leiden.
Public justice? Shaping Executions from Below during the Dutch Revolt (1560-1590).

Nathan DE COSTER, UGENT, 12 mois en Afrique du Sud – University of the Western Cape.
White Activists in South Africa's pre- and post-'94 Liberation Movements: Theorising the Problem of White Settler Action.

Hafez JAFARI, ULB, 12 mois au Canada – University of Waterloo.
Bioadhesive anti-infectious hydrogels with self-healing properties for wound healing application.

Wendy MÜLLER, ULIÈGE, 6 mois au Canada – University of Montréal.
SALDI Mass Spectrometry imaging using Optimised Nanosubstrates to enhance the sensitivity and specificity of small molecules analyses.

Lorenzo PERINI, KU Leuven, 6 mois en Finlande – University of Helsinki.
Are you seriously doing better than random? Estimating the contamination factor's upper bound error in anomaly detection.

Florence STERCK, UCLouvain/ULB, 6 mois en Suisse – EPFL.
Crossed modules of Hopf algebras.

Lisanne TERRIE, KU Leuven, 6 mois en Suisse – ETH.
Incorporation of tissue-specific endothelial cells for tissue engineering of human skeletal muscle.

Sébastien VANDENITTE, UNamur, 6 mois en Finlande – Université de Jyväskylä.
Making Referents Seen Across Two Sign Languages: Comparing constructed action in FinSL and LSF.

2022

Harshit JITENDRA MOTWANI, UGENT, 6 mois à Hong Kong – HKUST.
Program verification via algebraic geometry.

Lukasz MATEUSIAK, VUB, 12 mois au Pays-Bas – University of Leiden.
Assessing the use of novel targeted fluorescent tracers for intraoperative tumor imaging and metastasis tracking in relevant mouse models.

Marie MERTENS, KU Leuven, 6 mois au Canada – École Polytechnique Montréal.
Electromagnetic Characterization and Modelling of Artificial Tissues.

Hamid REZA NIKNEJAD, KU Leuven, 12 mois au Pays-Bas – University of Utrecht.
Intra-operative Functional Ultrasound Imaging for the Evaluation of Ischemia in Cerebrovascular Surgery.

Ilenia PAPARELLA, ULiège, 6 mois au Royaume-Uni – University of Oxford.
Assessment of GABA changes for predicting better recovery after stroke.

Simon PEKAR, UMONS, 6 mois au Royaume-Uni – University of Edinburgh.
Carrollian higher-spin symmetries.

Alba SABATÉ, ULB, 6 mois au Royaume-Uni – Kings College London.
Epigenetic mechanisms of Prdm12 in nociception.

Marjolein VAN DAMME, KU Leuven, 6 mois en Allemagne – University of Hamburg.
Cash or care: Insights from the German long-term care system.

Valérie VANDENBEMPT, ULB, 6 mois en Australie – University of Adelaide.
The role of PTPN2 in transcriptional and metabolic maturation of stem cells in insulin-producing b-cells.

Wiktoria WOJTACZKA, KU Leuven, 6 mois en Suisse – CERN.
Optimisation of a selective ion source for the production of medical Tb radioisotopes with high throughput.

2023

Jarne BELIËN, KU Leuven, 6 mois au Royaume-Uni – University of Oxford.
Elucidating the spatial heterogeneity and role of natural killer cells in multiple sclerosis.

Charlotte DE CANNIÈRE, KU Leuven, 6 mois en Espagne – BSE.
Pump it? Carbon taxes and Market Power in the Global Oil Market.

Pejman GHAFARI, ULB, 12 mois au Canada – McGill University.
Smart gas generating 3D printed wound dressing biomaterials.

Merle KOCK, KU Leuven, 6 mois en Australie – University of Melbourne.
What factors determine whether mindfulness meditation helps rather than harms?

Constance LEFEBVRE, ULB, 12 mois en Allemagne – AWI.
Unravelling Microbial Controls on Feedbacks between Subsea Permafrost Thaw and Arctic Ocean Carbon Cycling (UNCORK).

Zuzanna LUKASIK, UGENT, 6 mois au Royaume-Uni – Francis Crick Institute.
Deciphering the functional phenotype of $\gamma\delta$ T cells in spondyloarthritis.

Janne SCHREURS, UGENT, 6 mois au Brésil – University of Rio de Janeiro.
Simultaneous Scrambles: Brazilian Diplomatic Perspectives on European Expansion in Africa and the Amazon (1885-1914).

2024

Maxime ANDRÉ, UNAMUR, 6 mois en Suisse – USI.
Co-Visualizations for Databases and Microservices Co-Evolution Support.

Antoine GEKIÈRE, UMONS, 6 mois en France – University of Montpellier.
Effects of trace metals on the processing of plant signals by the buff-tailed bumble bee.

Chiara LEU, UCLOUVAIN, 6 mois en Italie – University of Trento.
Unraveling the relationship between ongoing oscillations and pain perception using high-frequency rTMS: a brain-state dependent TMS-EEG investigation.

Pierre MATHIEU, UMONS, 6 mois au Japon – University of Nagoya.
Advanced optical techniques for deeper insights into the plasma pyrolysis physico-chemical mechanisms.

Noémie PARRINI, UMONS, 6 mois au Royaume-Uni – University of Oxford.
Asymptotic Twistor superspaces.

Febe VERTRIEST, UGENT, 6 mois au Pays-Bas – University of Wageningen.
MYCOLON – A mechanistic approach to map the interplay of mycotoxins and gut epithelium towards colorectal cancer.

2025

Carlo BIUZZI, UGENT, 6 mois au Royaume-Uni – University of Oxford.
The church, the desert, and the mountains. The social organization of Miaphysite communities from the 6th century to early Islamic rule (8th century).

Léna DE HONDT, VUB, 6 mois aux Pays-Bas – University Medical Center Groningen.
Understanding the pharmacology of ADHD medication during pregnancy and lactation.

Éléonore GIRAUDET, UCLOUVAIN, 6 mois au Royaume-Uni – University of Oxford.
Scent Without Sight: Exploring Olfactory Imagery in Blind Individuals.

Julia SIMINISKA-STANNY, ULB, 6 mois au Royaume-Uni – University of Oxford.
Volumetrically Printed Perfusable Vascular Network for Investigating Ultrasound-triggered Microbubble-mediated Drug Delivery.

Vincent THIELENS, UMONS, 6 mois en Allemagne – German Aerospace Center.
Towards flexible carbon clean combined cycle gas turbines.

Julie VERLINDEN, UGENT / KU LEUVEN, 6 mois en Turquie – Deutsches Archäologisches Institut.
Can stones be made (artificially) intelligent? Understanding communities and people from patterns and similarities of architectural decoration in Roman Asia Minor.