

Savanah Héréus  
Unpaid employee  
Physiotherapy, Human Physiology and Anatomy  
Faculty of Physical Education and Physical Therapy  
Experimental Anatomy  
**Type of address: Postal address.**  
Pleinlaan 2  
1050  
Brussels  
Belgium  
**Type of address: Postal address.**  
Pleinlaan 2  
1050  
Brussel  
Belgium  
**Email:** Savanah.Hereus@vub.ac.be

## Employment

**Unpaid employee**  
Physiotherapy, Human Physiology and Anatomy  
Vrije Universiteit Brussel  
Brussels, Belgium  
15 Nov 2024 → 14 Nov 2026

**PhD, Faculty of Physical Education and Physical Therapy**  
Vrije Universiteit Brussel  
Brussels, Belgium  
22 Sept 2021 → present

**Experimental Anatomy**  
Vrije Universiteit Brussel  
Jette, Belgium  
24 Sept 2019 → present

## Research outputs

**Ultrasound Cut-off values for Muscle Thickness, Cross-Sectional Area, and Echo Intensity in Caucasian Adults: a Narrative Review**  
Van Den Broeck, J., Héréus, S., Cattrysse, E., Raeymaekers, H. & Scafoglieri, A., 1 Apr 2025, In: Quantitative Imaging in Medicine and Surgery. 15, 4, p. 3665-3686 22 p.

**Investigating patellar motion using weight-bearing dynamic CT: normative values and morphological considerations for healthy volunteers**  
Buzzatti, L., Keelson, B., Héréus, S., Van Den Broeck, J., Scheerlinck, T., Van Gompel, G., Vandemeulebroucke, J., De Mey, J., Buls, N. & Cattrysse, E., Sept 2024, In: European Radiology Experimental. 8, 1, 12 p., 106.

**Dynamic CT scanning of the knee: Combining weight bearing with real-time motion acquisition**  
Buzzatti, L., Keelson, B., van der Voort, J. W., Segato, L., Scheerlinck, T., Héréus, S., Van Gompel, G., Vandemeulebroucke, J., De Mey, J., Buls, N., Cattrysse, E. & Serrien, B., Oct 2023, In: The Knee. 44, p. 130-141 12 p.

**The reliability of muscle quantity and quality measured with extended-field-of-view ultrasound at nine body sites**  
Van Den Broeck, J., Héréus, S., Cattrysse, E., Raeymaekers, H., De Maeseneer, M. & Scafoglieri, A., Jul 2023, In: Ultrasound in Medicine and Biology. 49, 7, p. 1544-1549 6 p.

**Las Variaciones Nerviosas del Miembros Superior Pueden Alterar el Diagnóstico Clínico: Una Revisión de Alcance**  
Scafoglieri, A., Wynant, E., Héréus, S., Van den Broeck, J. & Cattrysse, E., Apr 2023, In: International journal of morphology. 41, 2, p. 555-568 14 p.

**Morphologic and Morphometric Measurements of the Foramen Ovale: Comparing Digitized Measurements Performed on Dried Human Crania With Computed Tomographic Imaging. An Observational Anatomic Study**  
Héréus, S., Lins, B., Vlasselaer, N. V., Buyten, J-P. V. & Cattrysse, E., 1 Jan 2023, In: Journal of Craniofacial Surgery. 34, 1, p. 404-410 7 p.

**Upper limb nerve variations may alter clinical diagnosis: a scoping review**  
Scafoglieri, A., Wynant, E., Héréus, S., Van Den Broeck, J. & Cattrysse, E., 2023, In: International journal of morphology. 41, 2, p. 555-568 14 p.

**The use of cardiac CT acquisition mode for dynamic musculoskeletal imaging**  
Keelson, B., Buzzatti, L., Van Gompel, G., Scheerlinck, T., Hereus, S., de Mey, J., Cattrysse, E., Vandemeulebroucke, J. & Buls, N., Dec 2022, In: Physica Medica. 104, p. 75-84 10 p.

**THE RELIABILITY OF MEASURING MUSCLE QUANTITY AND QUALITY WITH EXTENDED- FIELD-OF-VIEW ULTRASOUND AT NINE BODY SITES**  
Van den Broeck, J., Hereus, S., De Maeseneer, M. & Scafoglieri, A., Dec 2021, In: Osteoporosis International. 32, SUPPL 1, p. S362-S363

**Morfologische en Morfometrische Metingen van het Foramen Ovale: Vergelijken van Gedigitaliseerde Metingen op Gedroogde Schedels met CT-Beelden**  
Héréus, S. & Lins, B., 2021

## Activities

**Functional evaluation of the knee joint in motion by dynamic CT imaging: an ex-vivo study**  
Manou Acke (Speaker), Thierry Scheerlinck (Contributor), Benyameen Keelson (Contributor), Nicolas Van Vlasselaer (Contributor), Savannah Héréus (Contributor), Gert Van Gompel (Contributor), Erik Cattrysse (Contributor) & Nico Buls (Contributor)  
28 Feb 2024 → 3 Mar 2024

**EXAN Anatomy course 2023**  
Nicolas Van Vlasselaer (Organiser), Savannah Héréus (Organiser), Erik Cattrysse (Organiser) & Aldo Scafoglieri (Organiser)  
17 Nov 2023 → 18 Nov 2023

**Blessures en revalidatie in voetbal**  
Nicolas Van Vlasselaer (Speaker), Jona Van Den Broeck (Speaker), Savannah Héréus (Speaker) & Jo Verschueren (Speaker)  
27 Nov 2022

**Anatomy for Kids**  
Nicolas Van Vlasselaer (Speaker), Savannah Héréus (Speaker) & Jeroen De Ryck (Speaker)  
4 Jun 2022 → 5 Jun 2022

**Nerland festival**  
Nicolas Van Vlasselaer (Organiser) & Savannah Héréus (Organiser)  
3 Jun 2022 → 5 Jun 2022

**The reliability of measuring muscle quantity and quality with extended-field-of-view ultrasound at nine body sites**  
Jona Van Den Broeck (Speaker), Savannah Héréus (Contributor), Michel De Maeseneer (Contributor) & Aldo Scafoglieri (Contributor)  
26 Aug 2021