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Self-nomination for the election of junior member of EBBS,

Damien Huzard, PhD, is a distinguished neuro-physio-behaviorist, deeply engaged in examining the influences of environmental factors on behavioral adaptations. His academic journey reflects extensive experience in developing behavioral protocols and the analytical frameworks necessary to interpret these complex datasets. For example, Damien has contributed to the field of homecage monitoring solutions by designing the *LMT-Widget-Tool*, a resource that democratizes the analysis of live mouse tracker data. It facilitates data analysis for researchers with limited computational background.

His expertise not only encompasses the creation of new tools but also extends to integrating physiological measurements such as ECG/HRV and skin-nerve recordings to enrich behavioral data. This approach has markedly improved the understanding of how physiological states influence behavior under various conditions. Damien's latest research ventures further into the neural and peripheral mechanisms underlying sensory processing and its impact on social behaviors and preclinical models of autism. This work is particularly focused on the potential implications for neurodevelopmental disorders, aiming to uncover new therapeutic targets and interventions. Indeed, it paves the way to a better phenotypic phenotyping of mice model of autism, bringing the periphery at the center of such disorders.

Through his career, Damien has contributed significantly to the field with numerous publications and presentations at international conferences, sharing his findings with the broader scientific community. His work is characterized by a rigorous methodological approach and a commitment to advancing science through both innovation and collaboration.

As an early career member of the European Brain and Behavior Society, Damien seeks to bring his technical expertise, innovative perspective, and collaborative spirit to further the society's mission. His dedication to the field and proactive approach to research and development make him an ideal candidate for this role, promising to contribute valuable insights and leadership to EBBS.

