ANNEX G - FACULTY INTEREST CHART

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| **Line** | **Supervisor** | **Areas of Supervision Interest** | **Areas WITHOUT Supervision Interest** |
| FIMU | Prof. Dr. Clarissa Medeiros da Luz | Evaluation and physiotherapeutic intervention in endometriosis and chronic pelvic pain | Myofascial dysfunctions and non-endometriosis related pelvic floor dysfunctions, maternal and child health, breast and gynecological oncology |
| FRCM | Prof. Dr. Darlan Laurício Matte | Evaluation and physiotherapeutic intervention in individuals with respiratory, cardiovascular, and metabolic diseases, especially those treated on an outpatient basis and related to preoperative rehabilitation of major surgeries. Topics involving respiratory and peripheral muscle assessment, field tests for functional capacity assessment, sarcopenia, dynapenia, and frailty, and inspiratory muscle training. Validation of assessment instruments in physiotherapy. The candidate should be willing to conduct theoretical studies (systematic review, scope, umbrella review, etc.) related to the above topics. | Studies in animal models, pediatric population, studies directly involving invasive mechanical ventilation outcomes. |
| FDNP | Prof. Dr. Dayane Montemezzo | Studies on instruments and procedures in Neonatal Physiotherapy, newborn-family bond, training of professionals working in Neonatal Intensive Care Unit; Intermediate Neonatal Care Unit (conventional) and Kangaroo Unit, Kangaroo Method (stages 1, 2, and 3). | Studies with adult and elderly populations, animal models |
| FRCM | Prof. Dr. Elaine Paulin Ferrazeane | Respiratory, Cardiovascular, and Metabolic Respiratory Therapy. Cardiometabolic rehabilitation in hemodialysis patients. | Cardiometabolic rehabilitation studies in heart disease patients. |
| FIMU | Prof. Dr. Gilmar Moraes Santos | Assessment and physiotherapeutic intervention in individuals with musculoskeletal dysfunction and assessment and intervention in the fascial system | Women's health |
| FINE | Prof. Dr. Jocemar Ilha | Assessment and physiotherapeutic intervention in people with spinal cord injury (SCI) | Studies with animal models; intervention studies in aquatic environments; studies conducted in people with spinal cord dysfunctions of congenital origin or progressive diseases such as spina bifida or multiple sclerosis. |
| FDNP | Prof. Dr. Luciana Sayuri Sanada | Pain and neonatal physiotherapy. Assessment and intervention on factors that can influence the motor development of neonates, infants, and children | Studies in adults and the elderly, as well as in animal models. |
| FRCM | Prof. Dr. Marlus Karsten | Assessment and physiotherapeutic intervention in healthy adults and/or elderly individuals or those with cardiovascular and/or metabolic and/or oncological dysfunctions, especially those assisted on an outpatient basis (health promotion, disease prevention, cardiovascular and/or oncological prehabilitation and/or rehabilitation). Cardiorespiratory and metabolic functional assessment, cardiopulmonary exercise testing, clinical tests (field tests), screening and assessment of sarcopenia, dynapenia, and frailty, ventilatory muscle assessment, and ventilatory muscle training. Innovative and/or complementary strategies in physiotherapy and cardiovascular and/or oncological rehabilitation. Validation of assessment instruments in physiotherapy and cardiovascular and/or oncological rehabilitation. Theoretical studies (systematic review, scope, umbrella review, etc.) related to the above topics. | Studies in animal models, pediatric population, studies directly involving outcomes of invasive mechanical ventilation. |
| FIMU | Prof. Dr. Rodrigo Okubo | Functional tests and questionnaires applied to orthopedics, prevention, and rehabilitation of sports injuries, manual therapeutic resources. | Animal models |
| FIMU | Prof. Dr. Soraia Cristina Tonon da Luz | Applied Physiotherapy to the Health of the Amputee: development of research in biomechanics with assessment and treatment protocols, phantom pain, adapted physical activity, studies in primary care, secondary care, and high complexity. Preventive activities in health.  Physiotherapy applied to Women's Health: development of research focusing on urinary incontinence and sexual dysfunctions in different stages of a woman's life, including athletic urinary incontinence. Studies in primary care, secondary care, and high complexity. Preventive activities in health. | Studies with the pediatric population, populations with neurological dysfunctions, and/or any other studies not aligned with the Health of the Amputee and Women's Health. |
| FINE | Prof. Dr. Stella Maris Michaelsen | Assessment and physiotherapeutic intervention in people with Stroke. | Studies in animal models and the pediatric population. |

Legend:

FDNP - Physiotherapy in Neonatal and Pediatric Development

FIMU - Musculoskeletal Physiotherapy

FRCM - Respiratory, Cardiovascular, and Metabolic Physiotherapy

FINE - Neurofunctional Physiotherapy