Preface

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This special issue of *Cells Tissues Organs* is dedicated to addressing the important issue of the translation of basic science knowledge to practice. As an example, we have chosen a particular area of potential translation that involves improving human movement after neurologic insults. The contributing authors have been inspired by the efforts of the National Center for Medical Rehabilitation Research to form real bridges between basic scien-

tists and clinicians and clinical scientists. The authors of these 5 papers interact with such a purpose in mind, but still need to work on the best models of translation. We hope this series will stimulate investigators to proactively collaborate in two-way interactions that will both enhance translation but at the same time increase our basic understanding of how movement occurs and how it adapts following lesions.