

SEMINARI MIOLOGICI DEL VENERDI'

20.03.2026 Aula Magna ore 14.00-15.00

KEN D. O'HALLORAN
University College Cork, Ireland

**Neuromuscular control of breathing in
mouse models of muscular dystrophy**



Ken O'Halloran is Professor of Physiology at University College Cork. He is an integrative physiologist with a long-standing interest in the control of breathing in health and disease. The focus of his research group at present is neuromuscular control of respiratory behaviour in animal models of neuromuscular disease, ageing, and cancer cachexia. His research studies employ multi-disciplinary approaches in pre-clinical models, and extend to include collaborative studies in clinical populations, and studies of cardiorespiratory and renal physiology in humans at high altitude. He is a Fellow of The Physiological Society, where he previously served as Trustee and Meetings Secretary, responsible for the scientific conference portfolio of The Society (2014-2017). He is a senior editor of The Journal of Physiology.

He will present work from his laboratory exploring deficits and compensation in respiratory performance in the *mdx* mouse model of Duchenne muscular dystrophy.

Responsabile Scientifico: prof. Claudio Bruno

Garanti Scientifici: prof. Mohamad Maghnie, prof. Pasquale Striano, prof.ssa Chiara Fiorillo

Coordinatori Organizzativi: dr.ssa Chiara Panicucci, dr.ssa Federica Trucco

Coordinatore Centro Formazione Istituto G. Gaslini: Laura Fornoni

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Evento accreditato ECM

