



Emilio Clementi motivation letter

The reasons why I believe I can serve IUPHAR well as member at large are as follows:

1. Editorial and networking experience

I am since 2015 the Editor in Chief of Pharmacological Research, an IUPHAR-affiliated journal with an Impact Factor (2020) of 7.6. Editorial experience aside, the journal has allowed me to connect with and within the major pharmacological societies and establish broad network of scientists, not only pharmacologists, across the globe that may cooperate with IUPHAR activities.

2. Coordination capacities

I coordinate a team of 40 staff scientists working in different disciplines of clinical and basic pharmacology.

3. Experience in basic pharmacology

I worked for 20 years as a basic pharmacologist focussing on a single signalling molecule, nitric oxide; its pleiotropic biological roles have enabled me to acquire experience in important pathophysiological areas, namely cancer, immunology/inflammation, tissue degeneration and repair.

4. Experience in translational pharmacology and clinical development in rare diseases

Nitric oxide has an important role in skeletal muscle that is lost in muscular dystrophy, a rare disease; I developed and applied a strategy to bring nitric oxide-releasing novel molecules and repurposed nitric oxide-donating drugs through the whole process of preclinical verification, phase I and phase II studies.

5. Experience in clinical pharmacology

In the last 12 years I have set up and run a clinical pharmacology unit working for the Italian Health System acquiring experience in pharmacokinetics, pharmacogenetics and pharmacovigilance both in the clinical routine and in clinical studies.