



Editorial

The *Nitric Oxide Society* and the *Nitric Oxide Journal*: Returning to our foundation to shape the future of redox biology

ABSTRACT

The *Nitric Oxide Society* and its journal, *Nitric Oxide: Biology and Chemistry*, are renewing their partnership to reconnect with their founding mission—supporting a dynamic, global redox community. Established together in 1996, the Society and Journal now return to a shared path, aligning efforts to empower young scientists, promote rigorous publishing, and foster open, international collaboration. As nitric oxide and related species move to the forefront of biomedical research and personalized medicine, this relaunch is less a restart than a return to form—focused, inclusive, and forward-looking.

The *Nitric Oxide Society* and its official journal, *Nitric Oxide: Biology and Chemistry*, are proud to announce a renewed and strategic partnership. This coordinated effort marks a pivotal moment in our shared history—a return to our founding vision and a decisive step toward strengthening the global community of researchers working in the fields of nitric oxide, sulfide, and wider redox biology.

In 1996, seven pioneering scientists (in alphabetical order)—Martin Feelisch (University of Southampton, UK), Ulrich Forstermann (Johannes Gutenberg University, Germany), Steven S. Gross (Weill Cornell Medical College, USA), Louis J. Ignarro (UCLA School of Medicine, USA), Jack R. Lancaster, Jr. (University of Alabama Birmingham, USA), Salvador Moncada (University College London, UK), and Jonathan S. Stamler (Case Western Reserve University, USA)—founded both the NO Society and the *Nitric Oxide Journal* (Fig. 1). Their aim was to provide an intellectual and structural home for the rapidly growing field of nitric oxide biology, and to promote scientific exchange through both a professional society and a dedicated journal.

For many years, the Society and the Journal worked in close synergy, fostering a vibrant international community. Over the past decade, the field has evolved significantly—many discoveries once at the forefront of nitric oxide research are now part of standard physiology textbooks. It is now clear that nitric oxide, together with other small molecule bioregulators such as hydrogen sulfide and their derived species, plays a central role in redox biology and medicine. As our scientific landscape expands, so does our community. With emerging opportunities at the interface of signaling, metabolism, and therapeutic innovation, we are reuniting the Society and the Journal—under new leadership and with a renewed sense of purpose—to return to our roots and shape the future of the field.

1. Our joint priorities

• Empowering the Next Generation

We are launching joint initiatives to support young scientists, including editorial mentorships, lab exchanges, and dedicated sessions at

Society meetings. This collaboration will prioritize education, visibility, and publishing opportunities for early-career researchers.

• Serving and Growing the Community

The Nitric Oxide Society is committed to actively recruiting and welcoming new members, expanding international participation, and fostering a culture of openness and scientific exchange. The newly elected Council has reinstated the original governance model defined by the bylaws, including executive roles, adherence to society policies, functional committees, and transparent, democratic processes. These changes are designed to ensure responsible leadership and to strengthen the Society's ability to serve its members and the broader scientific community. This was also implemented and is represented by a brand new logo designed by Dr Ciara O'Neill a younger member of the community and social media committee member.

• Promoting Scientific Excellence and Visibility

The Nitric Oxide journal is entering a new phase of editorial streamlining with a sharpened scope and a commitment to rapid and fair peer review. Special issues will align with Society conferences and thematic areas of growth such as redox biology, sulfide and supersulfide signalling, metabolism and cancer.

• Rebuilding a Global, Inclusive Community

By coordinating Society activities with Journal content, we will create a more connected and responsive scientific environment. Joint webinars, conference coverage, and editorial outreach will strengthen engagement and visibility worldwide.

This is more than an administrative realignment—it is a strategic partnership to rebuild momentum, increase relevance, and create new opportunities for all members of our field.

We warmly invite researchers across disciplines—established and emerging—to engage in this renewed mission. Whether your focus is



Fig. 1. Inaugural meeting of the founders of the international “Nitric Oxide Society” on the occasion of the 1st Gordon Research Conference on Nitric Oxide held in Ventura, CA, USA. Left to right: M. Feelisch, JS Stamler, SS Gross, JR Lancaster Jr, LJ Ignarro, U Forstermann; not depicted: S. Moncada. (credits: Dr. M. Feelisch).

basic signaling, translational research, or therapeutic application, this is your community.

Let us move forward together—rooted in legacy, aligned in purpose, and focused on the future.

Miriam M. Cortese-Krott ^{a, b, *}, Lorenzo Berra ^c, Nathan S. Bryan ^d, Mattias Carlström ^e, Sharon Glynn ^f, Adrian Hobbs ^g, Katrina Miranda ^h, Hozumi Motohashi ⁱ, Motohiro Nishida ^j, Ciara E. O’Neil ^f, Jesus Tejero ^k

^a Myocardial Infarction Research Laboratory, Clinic of Cardiology, Pneumology and Angiology, Medical Faculty, Heinrich-Heine-University, Germany

^b CARID, Cardiovascular Research Institute Düsseldorf, Medical Faculty, Heinrich-Heine-University, Germany

^c Anesthesia Center for Critical Care Research, Department of Anesthesia Critical Care and Pain Medicine, Massachusetts General Hospital & Harvard Medical School, Boston, MA, 02114, USA

^d Bryan Therapeutics, Inc, USA

^e Department of Physiology and Pharmacology, Karolinska Institutet, Stockholm, Sweden

^f Lambe Institute for Translational Research, Discipline of Pathology, School of Medicine, University of Galway, Galway, Ireland

^g William Harvey Research Institute, Faculty of Medicine and Dentistry, Queen Mary University of London, Charterhouse Square, London, EC1M 6BQ, UK

^h Department of Chemistry and Biochemistry, University of Arizona, USA

ⁱ Department of Medical Biochemistry, Tohoku University Graduate School of Medicine, Japan

^j Department of Physiology, Graduate School of Pharmaceutical Sciences, Kyushu University, Japan

^k Heart, Lung, Blood, and Vascular Medicine Institute, University of Pittsburgh, Pittsburgh, PA, 15261, USA

* Corresponding author. Myocardial Infarction Research Laboratory, Clinic of Cardiology, Pneumology and Angiology, Medical Faculty, Heinrich-Heine-University, Germany

E-mail address: Miriam.cortese@hhu.de (M.M. Cortese-Krott).