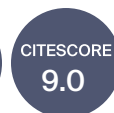




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## Perspectives on the Evolution of Aquaporin Superfamily

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

Dear Colleagues,

Aquaporin (AQP) belongs to an ancient channel family with a highly conserved structure stemming from bacteria. Genome projects have accumulated many AQP-like sequences containing a conserved signature sequence for an AQP superfamily and a pair of NPA (Asn-Pro-Ala) boxes, even with an overall homology of less than 30%. The analysis of their primary sequences is instrumental to speculate their function and adaptive roles in altered environments. Moreover, evolutionary viewpoints of AQPs will shed light on the distribution and regulation of AQPs. Accordingly, we are excited to recruit a repertoire of AQPs from a variety of organisms, which is expected to expand the AQP research field. We welcome manuscripts of any kind on aspects of evolution and regulation of AQPs from this perspective.

For further reading, please visit the [Special Issue website](#).



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# Special Issue



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