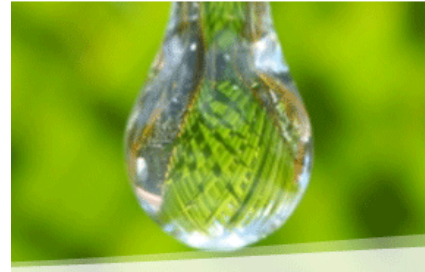


Invitation to join the water revolution

The new emerging Aquaporin Inside™ technology offers enormous commercial potential in several water markets segments in its capability to separate and purify water from all other compounds by exploiting – or mimicking – nature’s tremendous capability for selective membrane transport. Biomimetic membranes will soon be ready to hit the market, and this proprietary and superior technology is now ready for introduction to leading system providers...

Aquaporin partner offering

- New revenue streams from tomorrow’s technology in water filtration
- Unique, strong IPR with several patent families filed – unique value proposition for customers
- Superior technology both in terms of efficiency and effectiveness compared to any other known water purifying technology
- A membrane design very suitable for industrial upscaling
- Initial salt rejection rates of 99,999%
- Initial water flux exceeding 10 kg/m²/h at osmotic gradients of 30 bar in draw solutions
- In-depth knowledge of biomimetic membranes based on many years of research
- A genuine entrepreneurial spirit with an indispensable goal of revolutionizing the water world



Interested in becoming a strategic business partner?

- Increased competitiveness
- Access to extensive R&D experience with biomimetic membranes and an unmatched assembly of expertise
- Biomimetic membranes at a “ready to go into final application development” stage
- Joint development of unique, cutting-edge solutions
- Application driven innovation
- Easily scalable industrial production
- Common branding of an “Aquaporin Inside” model as the standard equipment for membrane separation
- Immense commercial potential and strong USPs
- A strong, true partnership with no financial strings

Customer benefits

- Novel forward osmosis membrane
- Reduction of energy costs by ~80%
- Simplified production
- Selectively permeable and functional biomimetic membranes based on nature’s own water filter, aquaporin water channels
- No fouling
- No internal gradient build-up
- Separation of molecules of different sizes and in large quantities without compromising membrane performance

The Aquaporin value network

