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### Fonteinbiotica, a natural antibiotic based on a traditional ayurveda recipe to tackle AMR for humans and economically important livestock

**Aim & Objective:** To develop Fonteinbiotica, a natural antibiotic based on a traditional Ayurveda recipe to tackle AMR for humans and economically important livestock. An old Ayurveda recipe shows that a group of water plants have strong antimicrobial properties and deserves to be researched thoroughly. One of these water plants is considered an invasive pondweed all over the globe and for that reason removed from the rivers and lakes and thrown away as waste. However, this waste can be a component for one of the answers to contribute to one of the world's most significant challenges, and that is to find an adequate solution to solve the shortage of antibiotics and AMR. Fonteinbiotica can serve as a food additive in animal food, as a food supplement for humans and in a medicated form as a natural antibiotic to treat infections for both animal and human.

**Method:** Agar diffusion tests and "MIC"-tests.

**Result:** The tests show a clear antimicrobial result.

**Conclusion:** Fonteinbiotica is an important formula for water plants that can act as a natural antibiotic based on a traditional Ayurveda recipe to tackle AMR for humans and economically important livestock.

### Biography

Cornelis Peters studied pharmacology and physiology at the University of Applied Science, Utrecht, in the Netherlands and became a research fellow working in different leading hospitals in the Netherlands. Among them the famous Netherlands Cancer Institute, Antoni van Leeuwenhoek. During a sabbatical in India, he came across Ayurveda and decided to study this traditional medicine. At present Cornelis Peters is the director of Europa Ayurveda Centrum in the Netherlands. He is actively involved in scientific research of Ayurveda medicinal herbs that he grows in the green research garden from the Europa Ayurveda Centrum.

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