



Lichfield Science & Engineering Society

LICHFIELD **GARRICK**
Theatre & Studio

CHAIRMAN

Dr Robert Giles

PATRON

Mr Ian Dudson CBE

HM Lord Lieutenant of Staffordshire

PRESIDENT

Professor Peter A Lambert

8:00 pm on Tuesday, 14th February 2019

in the Main Theatre of the Lichfield Garrick, Lichfield, WS13 6HR

The Presidential Lecture

FIGHTING INFECTION

Professor Peter A Lambert

University of Aston

We rely on antibiotics to treat many common bacterial infections, including strep throat, skin and urinary tract infections, and some sexually transmitted infections. Antibiotics are also critical for patients whose immune systems have been weakened by chemotherapy or major surgery. Patients undergoing organ transplantation, hip and knee replacements, and cancer therapy are routinely given antibiotics to prevent infection. If current trends in antibiotic resistance continue, these medical procedures will become more difficult or even too dangerous to undertake. How did we get here and what can we do? We will examine the new antibiotic pipeline from the Pharmaceutical and Biopharmaceutical industries and look at novel approaches to treat infection.

Professor Peter Lambert is President of the Lichfield Science & Engineering Society but before that, following his first degree in Chemistry and PhD in Microbiology, he worked on the discovery of new antibiotics in the Pharmaceutical Industry in the 1970s. Moving to Aston University as a Lecturer in Microbiology in 1980 Peter continued his research on antibiotic resistance, healthcare-related infections and mechanisms of bacterial virulence. He has published books, reviews and research papers on antibiotics and infection with his hospital-based medical microbiology colleagues. As Professor of Microbial Chemistry in Life and Health Sciences at Aston University, he is currently working on new ways to overcome antibiotic resistance and treat bacterial infections.

For further information, please see our website at www.LSES.org.uk
Students and Members Free.

Visitors £5.00. Tickets are not issued in advance, please pay at the door.

Members must sign in. Those signing in before 7:50 pm will have precedence over all visitors.

This lecture is expected to finish by 10.00 pm.