

## Curriculum Links for: ABPI Human Immune System

S3-5 (Age 14-16)

	<b>Standard Grade Biology</b>	
Scotland	Topic 7 Biotechnology	Subunit c: Reprogramming microbes

This web resource contains information on:

- **Pathogens and disease** – bacteria, fungi, viruses and protozoa
- **Barriers to infection** including the skin
- **Acquired immunity** including white blood cells, lymphocytes and primary response to infection
- **Immunisation** – vaccination and tetanus vaccination
- **Medicines and the immune system** – vaccination and immune memory
- **Vaccinations in the UK** – what and when; MMR triple vaccine
- **Antibiotics** – Fleming and penicillin; antibiotic resistance
- **Problems caused by the immune system** – asthma and allergic reactions; organ transplants and rejection
- **HIV/AIDS** – the virus; prevention