The Centre for Infectious Diseases and Microbiology - Public Health (CIDM-PH) was formed, in 2003, to co-ordinate public health research in CIDM at the Institute of Clinical Pathology and Medical Research (ICPMR), Westmead Hospital. The CIDM-PH formation has been supported by competitive NSW Health Capacity Building Infrastructure Grants and the Population Health & Health Services Research Support Program, which provide salaries or stipends for support staff, postdoctoral fellows and postgraduate students.

CIDM-PH was founded by Professor Lyn Gilbert, an infectious disease physician and clinical microbiologist and former Director of clinical microbiology at the Centre for Infectious Diseases and Microbiology at ICPMR. She was instrumental in establishing the national Public Health Laboratory Network (PHLN) of Australia and served as its first chair from 1997-2001. A/Professor Vitali Sintchenko succeeded Lyn Gilbert as Director of CIDM-PH in July 2013. The CIDM-PH remains an active member of PHLN.

RESEARCH & TRAINING

- Bacterial epidemiology & disease surveillance
- Antibiotic resistance surveillance & rapid diagnostics
- Bacterial genomics & metagenomics
- Clinical & public health decision support
- Viral diagnostics, epidemiology & disease surveillance
- Fungal epidemiology & invasive infections
- Medical Entomology, vector distribution & competence
- Parasitology – diagnosis, serology, epidemiology
- Hospital infection prevention, control & ethics
- Health economics in infectious diseases
- Seroepidemiology of vaccine preventable diseases

We aim to develop and evaluate new ways to study the epidemiology of communicable diseases and improve surveillance and compliance with new and established prevention, control and management strategies.
Our goals are to improve prevention and control of communicable diseases of public health importance by:

- Developing, evaluating and implementing better laboratory diagnostic and strain-typing techniques and systems for data integration and analysis to improve information transfer, surveillance and epidemiological research
- Translating research findings into evidence-based communicable disease control policy

Our team combines expertise in all subspecialties of infectious diseases and medical microbiology:

**Professor Sharon Chen** mycology and clinical trials  
**Dr Mark Douglas** hepatology and antiviral drug resistance  
**Professor Dominic Dwyer** clinical virology and pandemic preparedness  
**Professor Lyn Gilbert** infection control, vaccine preventable diseases and bioethics  
**Professor Jon Iredell** critical infections and mechanisms of antibiotic resistance  
**Professor Wieland Meyer** epidemiology of pathogenic fungi  
**Dr Matthew O’Sullivan** infection control, antibiotic resistance and stewardship  
**A/Professor Vitali Sintchenko** public health microbiology, surveillance and informatics  
**Professor Tania Sorrell** emerging infectious diseases and fungal infections  
**Dr Cameron Webb** medical entomology and vectors of infectious diseases

**COLLABORATIONS**

CIDM-PH has long-standing collaborations with:

- National Centre for Immunisation Research and Surveillance (NCIRS)  
- Centre for Health Informatics, Australian Institute of Health Innovation, and School of Biotechnology and Biomolecular Sciences, University of NSW  
- Centre for Values, Ethics and the Law in Medicine (VELiM), The University of Sydney

CIDM-PH senior investigators have played critical role in establishing several NHMRC Centres of Research Excellence (CRE) which increased the breadth of our collaborations with research and healthcare organizations in NSW:

- CRE in Critical Infections (University of Sydney and Westmead Hospital)  
- CRE in Tuberculosis Control and Prevention (Centenary and Woolcock Institutes)  
- CRE in eHealth and Informatics (University of New South Wales)

Our close links with the Marie Bashir Institute for Infectious Diseases and Biosecurity are providing new opportunities for interdisciplinary research collaboration with researchers in other faculties of the University of Sydney.

**SUBSCRIBE TO CIDM-PH**

Subscribe to CIDM-PH today and be the first to receive regular updates on upcoming events and exciting newsletters. Alternatively, visit the CIDM-PH website for current research activities, publications and lots more.

**Education & Training Program**  
CIDM-PH hosts a number of topical workshops, symposia, and seminars every year, which attracts overseas, interstate and local registrants.

**Broad Street Pump Newsletter**  
The Broad Street Pump newsletter provides up-to-date information about important or interesting communicable disease outbreaks and measures taken to identify and control them; epidemiological trends; and new developments in diagnosis and typing of pathogens of public health importance.

**CIDM-PH Website**  
The CIDM-PH website includes information on current research, upcoming events, presentations from past events, newsletters and contact information.

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