



Curriculum Vitae

Personal information **Wayne Dimech**

Work experience

Medical Scientist

National Serology Reference Laboratory, Australia [01/01/2000 – Current]

City: Melbourne

Country: Australia

Scientific and Business Relations Manager in charge of 30+ staff performing complex quality assurance of in-vitro diagnostic devices for infectious diseases. .

Recognised as a Fellow by two peak bodies, during my +35 years career in laboratory medicine I have contributed extensively to professional bodies, governmental committees, scientific literature and the development of science and scientists in Australia and internationally.

Never far from the commercial aspect of pathology and underpinned by an MBA and practical experience, my focus has always been on improved productivity, process and growth. My approach to change is open, collaborative, structured and strategic. My passion, however, is working with ministries of health, non-government organisations and regulatory and peak bodies advocating for improved quality testing for infectious diseases.

KEY SKILLS

- Clinical experience (medical and veterinary) with specialised experience in serological diagnosis of infections and autoimmune diseases
- Business management, including responsibility +\$4 million budget in private pathology
- Laboratory capacity-building
- Quality assurance programs
- Project management
- Information systems including laboratory automation
- Stakeholder and people management
- Chairing and contributing to committees and regulatory bodies (local and international)
- Business development including contract negotiation
- Marketing and event management
- Widely published scientist, with more than 40 peer-reviewed papers and book chapters

TEST KIT EVALUATIONS

Principle Investigator for numerous evaluation of test kits in behalf of Australian Therapeutic Goods Administration (TGA); The World Health Organization (WHO) Prequalification Group and IVD manufacturers. Multiple publications on the results of test kit evaluations and on test kit evaluation protocols. Three book chapters on assessing the quality of IVDs used for testing for infectious diseases.

Education and training

Masters of Business Administration

LaTrobe University [01/03/1999 – 29/07/2003]

Address: Melbourne (Australia)

Bachelor of Applied Science

Royal Melbourne Institute of Technology University [01/03/1978 – 28/10/1982]

Address: Melbourne (Australia)

Additional information

Publications

Validation of Dried Tube Sample Format Quality Controls for the Monitoring of Viral Load and Blood

Screening Assays

[2020]

J Virol Methods 2020 Nov;285:113957

Improving the coverage and accuracy of syphilis testing: The development of a novel rapid, point-of-care test for confirmatory testing of active syphilis infection and its early evaluation in China and South Africa

[2020]

EClinicalMedicine Volume 24, 100440, July 01, 2020

Does a Change in Quality Control Results Influence the Sensitivity of an anti-HCV Test?

[2020]

Clin Chem Lab Med. Mar 2020

WHO international standard for anti-rubella: learning from its application

[2019]

Lancet Infect Dis Sept 2019.

Comparison of four methods of establishing control limits for monitoring quality controls in infectious disease serology testing

[2018]

Clin Chem Lab Med. 2018 Oct 25;56(11):1970-1978

Results of Cytomegalovirus DNA Viral Loads Expressed in Copies per Millilitre and International Units per Millilitre are Equivalent

[2017]

J Virol Methods. 2017 Nov 7;252:15-23.

Standardization of Assays That Detect Anti-Rubella Virus IgG Antibodies

[2016]

Clin Microbiol Rev. 2016 Jan;29(1):163-74.

Determination of quality control limits for serological infectious disease testing using historical data

[2016]

Clin Chem Lab Med. 2015 Feb;53(2):329-36

Projects

Laboratory Capacity Building Activities

[01/01/2001 – Current]

LABORATORY CAPACITY-BUILDING ACTIVITIES

- Technical Review of Healthy Liver Program (**Mongolia** 2018)
- Roche Asia Symposium (**Thailand** 2018)
- Roche Middle East Symposium (**UAE** 2018)
- Creation Of The National Blood System In Ukraine: Key Reform Issues, Strengthen For The Future Development And Exchange Of Experience (**Ukraine** 2018)
- Situational analysis and baseline assessment of viral hepatitis national programme in Malaysia, WHO WPRO (**Malaysia** 2018)
- National Workshop for Strengthening and Linking Viral Hepatitis Laboratory, Surveillance and Patient Monitoring Systems WHO WPRO (**Mongolia** 2017)
- Second Inter-Country Meeting of the Directors of Public Health Laboratories in the Eastern Mediterranean Region, WHO EMRO (**Oman** 2016)
- UNDP Mission in Tajikistan (**Tajikistan** 2016)
- HIV and STI Guidelines Dissemination Workshop for Asia and the Pacific, WHO WPRO (**Thailand** 2016)
- Joint External Evaluation of Pakistan, against the International Health Regulations (2005) (**Pakistan** 2016)
- First Assembly of the Regional Network, WHO WPRO (**Thailand** 2016)
- Development of WHO EQA Scheme For Malaria NAAT Workshop (**London** 2015)
- Development of an on-line lecture on Quality Assurance for PoCTs for Flinders University (2012)
- Development and authorship of infectious disease component for the Pacific Open Health Learning Program (2011)
- Memoranda of Understanding with Shanghai Blood Service (2011) and Mongolian Ministry of Health for the implementation of QA training (2011)
- Public health and blood screening laboratories training program (**Mongolia** 2010 – 2012, **Ukraine** 2007)
- Technical Advisor, Western Pacific Regional Office, WHO WPRO (**Fiji** 2010)
- Technical Advisor, Secretariat of the Pacific Community (SPC), Development of Policy for Introduction of Point of Care Tests for Sexually Transmitted Infection (**Fiji** 2010)
- 'NRL Steps', Initial drafting and development of the sustainable laboratory capacity-building program, WHO WPRO (2010)
- Technical consultant, Quality Assurance of HIV/STI and TB Laboratory Services, on behalf of WHO and Mongolian Ministry of Health (**Mongolia** 2010)
- Technical Consultant, Contribution to National HIV Testing Strategy development (**Vietnam** 2010)
- Technical Consultant, Consultation on the Strengthening of the World Health Organization Network for HIV and Health in the Western Pacific Region, WHO WPRO (**Philippines** 2009)

Memberships

Other Relevant Information

LANGUAGE SKILLS

Mother tongue(s):

English