



Jarosław Dziadek

FULL PROFESSOR – IMB PAS · HEAD OF LABORATORY “MYCOBACTERIUM GENETICS AND PHYSIOLOGY” – IMB PAS

✉ jdziadek@cbm.pan.pl | 🌐 <https://ibmpan.pl/en/structure/labs/mycobacterium-genetics-and-physiology/team-leader/> |

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📄 Jaroslaw-Dziadek

Currently held positions

Institute of Medical Biology of the Polish Academy of Sciences

Łódź

FULL PROFESSOR POSITION

Institute of Medical Biology of the Polish Academy of Sciences

Łódź

HEAD OF LABORATORY “MYCOBACTERIUM GENETICS AND PHYSIOLOGY”

Scientific profile and collaborations

Molecular basis of drug resistance and drug tolerance of tubercle bacilli. Searching for potential antituberculosis drugs and their target sites in mycobacteria. DNA repair processes, cholesterol metabolism, two-component signal transduction system in the aspect of Mycobacterium tuberculosis virulence.

Collaboration (selected):

France: Laurent Kremer, Institut de Recherche en Infectiologie de Montpellier CNRS, Université de Montpellier

United Kingdom: Richard Bowater, School of Biological Sciences, University of East Anglia, Norwich

Poland: Ewa Augustynowicz-Kopeć, Institute for Tuberculosis and Lung Diseases, Warsaw

Selected publications

2019 **1H-Benzo[d]imidazole Derivatives Affect MmpL3 in Mycobacterium tuberculosis** [\[link\]](#)

2017 **DNA Ligase C and Prim-PolC participate in base excision repair in mycobacteria** [\[link\]](#)

2009 **Mycobacterium tuberculosis is able to accumulate and utilize cholesterol** [\[link\]](#)

Research grants

POIG InterMolMed POIG.01.01.02-10-107/09

ICGEB Research Grant nr CRP/POL07-01

National Science Centre Harmonia, Opus, Opus

Obtained patents

US 14/240,195; P 401 634; P 404 948; PL231378

International research stays

Japan Hiroshima University; Osaka University

USA University of Texas, Health Science Center at Tyler

UK University of Surrey, Guildford