

*Supplementary Materials*

# **New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine**

**Sabina W. Jaros**<sup>1</sup>, **Matti Haukka**<sup>2</sup>, **Magdalena Florek**<sup>3</sup>, **M. Fátima C. Guedes da Silva**<sup>4,\*</sup>, **Armando J. L. Pombeiro**<sup>4</sup>, **Alexander M. Kirillov**<sup>4,5,\*</sup> and **Piotr Smoleński**<sup>1,\*</sup>

<sup>1</sup> Faculty of Chemistry, University of Wrocław, ul. F. Joliot-Curie 14, 50-383 Wrocław, Poland; sabina.jaros@chem.uni.wroc.pl

<sup>2</sup> Department of Chemistry, University of Jyväskylä, FIN-40014, Jyväskylä, Finland; matti.o.haukka@jyu.fi

<sup>3</sup> Department of Pathology, Wrocław University of Environmental and Life Sciences, ul. Norwida 31, 50-375 Wrocław, Poland, magdalena.florek@upwr.edu.pl

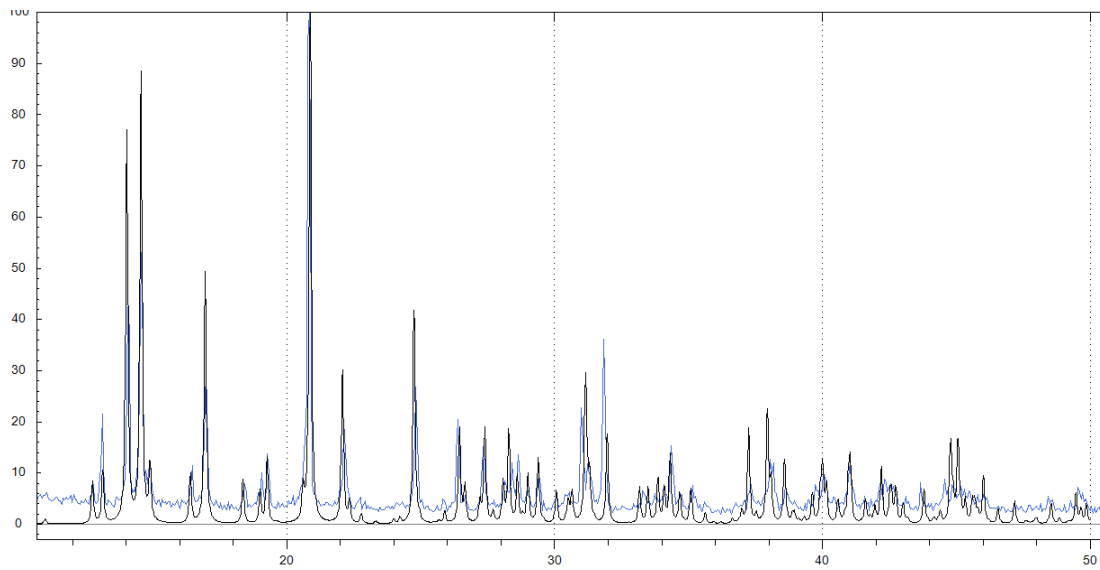
<sup>4</sup> Centro de Química Estrutural, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisbon, Portugal, pombeiro@tecnico.ulisboa.pt

<sup>5</sup> Research Institute of Chemistry, Peoples' Friendship University of Russia (RUDN University), 6 Miklukho-Maklaya st., 117198 Moscow, Russia

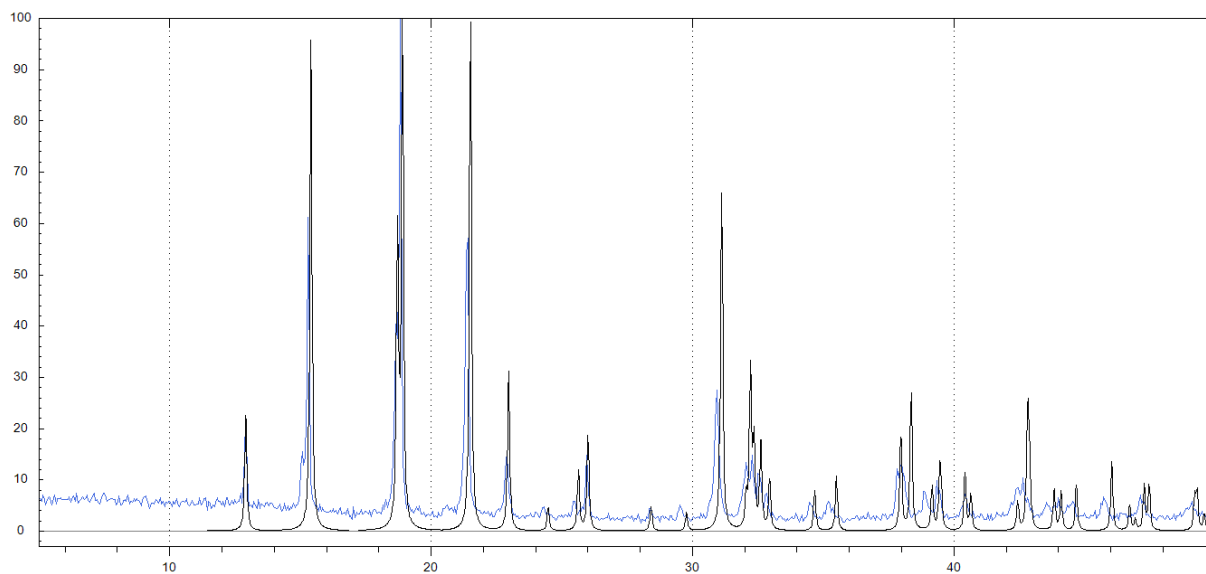
\* Correspondence: fatima.guedes@tecnico.ulisboa.pt (M.F.C.G.S.); kirillov@tecnico.ulisboa.pt (A.M.K.); piotr.smolenski@chem.uni.wroc.pl (P.S.); Tel.: +48 713757225 (P.S.)

## **Supporting Information (SI)**

Supporting Information contains additional PXRD patterns (Figures S1–S2).



**Figure S1.** Comparison of PXRD pattern (black) calculated from the single crystal structure with bulk product (blue) of compound **1**.



**Figure S2.** Comparison of PXRD pattern (black) calculated from the single crystal structure with bulk product (blue) of compound **2**.