



MATILDA

EFFECT



Pionierinnen der Forschung **Female Pioneers of Research**

Pt. 6

Marietta Blau





Marietta Blau (1894-1970)
Physicist

After her studies in physics and mathematics in Vienna, she focused on X-ray photography and the detection of individual particles.





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Physicist

In 1937, she, along with her colleague, discovered 'disintegration stars', which are traces of particles created by nuclear reactions of cosmic radiation in a photographic emulsion.





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Physicist

Coincidentally, as a Jew, she was on a research trip in Oslo during the 1938 'Anschluss' of Austria to Nazi Germany and subsequently received a teaching position in Mexico City with the support of Einstein.





Marietta Blau (1894-1970)
Physicist

During her time in exile, some of her works were published under the names of former colleagues, three Nobel Prize nominations were unsuccessful, and after her cancer-related death in 1964, no obituary appeared in any scientific journal.





Memorial plaque for Marietta Blau in Vienna.

Austria's Agency for Education and Internationalization promotes research stays abroad for doctoral students with a Marietta Blau Fellowship.

