REVISTAMATÉRIA
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Supplementary Material to "Quantitative determination of Cd in single hair strands using laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS)"

Table S2 – Participant-matched biomonitoring and metadata.

Participant ID	Exposure Group	Gender	Age (Years)	Sampling Date	Blood Cadmium Concentration (µg/L)	Urinary Cadmium Concentration (µg/g Creatinine)	Occupation/Residential Background	Hair Treatment Status
P001	High Exposure	Male	45	2023-01-15	3.8	5.2	Smelter worker, 12 years of service	None
P002	Medium Exposure	Female	39	2023-02-20	1.6	2.1	Resident near mining area, 8 years of residence	None
P003	High Exposure	Male	41	2023-03-10	4.2	6.1	Smelter worker, 10 years of service	None
P004	High Exposure	Male	38	2023-03-10	2.9	4.8	Smelter worker, 7 years of service	None

Participant ID	Exposure Group	Gender	Age (Years)	Sampling Date	Blood Cadmium Concentration (μg/L)	Urinary Cadmium Concentration (μg/g Creatinine)	Occupation/Residential Background	Hair Treatment Status
P005	Medium Exposure	Male	43	2023-04-05	1.8	2.5	Resident near mining area, 10 years of residence	None
P006	High Exposure	Female	47	2023-04-20	4.7	7.3	Smelter worker, 15 years of service	None
P007	Medium Exposure	Male	35	2023-05-10	1.2	1.8	Resident near mining area, 5 years of residence	None
P008	Medium Exposure	Female	32	2023-05-20	0.9	1.5	Resident near mining area, 3 years of residence	None
P009	High Exposure	Male	51	2023-06-08	5.0	8.5	Smelter worker, 20 years of service	None
P010	Low Exposure	Male	34	2023-06-15	0.4	0.6	Urban office worker	None

Participant ID	Exposure Group	Gender	Age (Years)	Sampling Date	Blood Cadmium Concentration (μg/L)	Urinary Cadmium Concentration (μg/g Creatinine)	Occupation/Residential Background	Hair Treatment Status
P011	Medium Exposure	Female	40	2023-07-01	2.1	3.2	Resident near mining area, 9 years of residence	None
P012	Medium Exposure	Male	37	2023-07-10	1.3	1.9	Resident near mining area, 6 years of residence	None
P013	High Exposure	Male	44	2023-07-25	3.5	5.6	Smelter worker, 13 years of service	None
P014	Low Exposure	Female	32	2023-08-05	0.2	0.3	Urban office worker	None
P015	Medium Exposure	Female	42	2023-08-15	1.5	2.3	Resident near mining area, 7 years of residence	None
P016	High Exposure	Male	49	2023-08-20	4.5	6.8	Smelter worker, 18 years of service	None

Participant ID	Exposure Group	Gender	Age (Years)	Sampling Date	Blood Cadmium Concentration (μg/L)	Urinary Cadmium Concentration (μg/g Creatinine)	Occupation/Residential Background	Hair Treatment Status
P017	Medium Exposure	Male	36	2023-09-01	1.0	1.6	Resident near mining area, 4 years of residence	None
P018	Low Exposure	Male	33	2023-09-05	0.3	0.5	Urban office worker	None
P019	High Exposure	Female	46	2023-09-10	3.1	5.1	Smelter worker, 11 years of service	None
P020	High Exposure	Male	53	2023-09-10	4.9	8.2	Smelter worker, 22 years of service	None
P021	Medium Exposure	Female	34	2023-09-15	0.8	1.4	Resident near mining area, 2 years of residence	None
P022	Medium Exposure	Male	39	2023-09-20	1.7	2.4	Resident near mining area, 8 years of residence	None
P023	Low Exposure	Female	36	2023-09-25	0.5	0.7	Urban office worker	None

Participant ID	Exposure Group	Gender	Age (Years)	Sampling Date	Blood Cadmium Concentration (µg/L)	Urinary Cadmium Concentration (µg/g Creatinine)	Occupation/Residential Background	Hair Treatment Status
P024	High Exposure	Female	48	2023-09-28	3.3	5.4	Smelter worker, 14 years of service	None
P025	Low Exposure	Male	37	2023-09-30	0.4	0.6	Urban office worker	None