

Patients			Clinical presentation			Histopathology			Calcemia and ACE ³ level	PLE ⁴	Physicochemical characterization of the deposits
	Gender ¹	age	Skin lesions location	Type of skin lesion	Other organs involved	Location of the biopsy	Number of granulomas ²	Granulomas location			
1	M	47	Upper and lower limbs	Nodules	None	Lower limb	10	Subcutis	Both normal	Positive	Calcium carbonate
2	M	31	Face	Papules	Lung, joint	Temple	21	Superficial and deep dermis	Hypercalcemia Elevated ACE	Negative	Calcium carbonate
3	M	55	Lower limbs	Nodules	Lung	Lower limb	76	Deep dermis and subcutis	NA ⁵	Positive	Calcium carbonate
4	F	61	Upper limbs	Nodules	Lung	Arm	33	Deep dermis and subcutis	Both normal	Negative	-
5	M	68	Toes	Plaques	Lung	Toe	10	Superficial and deep dermis	NA ⁵	Negative	-
6	F	43	Face, upper limbs	Nodules	Lung	Elbow	48	Superficial and deep dermis	Normal calcemia Elevated ACE	Negative	Crystalline silica
7	M	42	Upper limbs	Nodules	Lung	Arm	115	Deep dermis	Both normal	Positive	Crystalline silica
8	F	23	Fore Head	Nodule	NA ⁵	Fore Head	70	Superficial and deep dermis	NA ⁵	Positive	Crystalline silica
9	M	41	Back	Papules	Kidney	Back	73	Superficial and deep dermis	Hypercalcemia Normal	Positive	Calcium carbonate

									ACE		
10	F	51	Back	Papules	Lung	Back	7	Superficial dermis	Both normal	Negative	-
11	M	38	Genitals, lower limbs	Nodules	Lung, Central nervous system	Lower limb	33	Deep dermis and subcutis	NA ⁵	Negative	-
12	M	45	Lower limbs	Papules	Lung, kidney, eye	Lower limb	22	Superficial dermis, deep dermis and subcutis	Normal calcemia Elevated ACE	Negative	-
13	F	35	Scalp	Papules	None	Scalp	9	Superficial dermis	Both normal	Negative	-
14	M	28	Face	Papules	Lung	Face	19	Superficial and deep dermis	Normal calcemia Elevated ACE	Negative	-

Table S1: Patients, histopathology, biology and deposits characterisation in the 14 skin biopsies for cutaneous sarcoidosis.

¹ M: male; F: female

² Number of granulomas screened per biopsy

³ ACE: angiotensin conversing enzyme

⁴ PLE: polarized light examination

⁵NA: not available