

# CONCENTRACIONES DE POLEN EN EL AMBIENTE

| AÑO  | SEMANA | PUNTO DE MUESTREO | COLABORA                                                                                 | TOTAL                  |
|------|--------|-------------------|------------------------------------------------------------------------------------------|------------------------|
| 2019 | 29     | ALICANTE          |  LETI | 139 grn/m <sup>3</sup> |

| ESTACIÓN | PRIMAVERA        | >>VERANO<<       |                   | OTOÑO                | INVIERNO          |                    |                   |                    |                 |
|----------|------------------|------------------|-------------------|----------------------|-------------------|--------------------|-------------------|--------------------|-----------------|
|          | TIPO<br>POLÍNICO | LUNES<br>15-jul. | MARTES<br>16-jul. | MIÉRCOLES<br>17-jul. | JUEVES<br>18-jul. | VIERNES<br>19-jul. | SÁBADO<br>20-jul. | DOMINGO<br>21-jul. | TOTAL<br>SEMANA |

## PRINCIPALES TIPOS POLÍNICOS

|                                 |   |   |   |   |   |   |   |    |
|---------------------------------|---|---|---|---|---|---|---|----|
| Amaranthaceae (Cenizo, salsola) | 3 | 3 | 5 | 2 | 4 | 3 | 4 | 24 |
| Cupres./Taxac. (Ciprés, enebro) | — | — | — | — | 1 | — | — | 1  |
| Olea (Olivo)                    | 1 | — | 1 | 2 | 1 | 1 | — | 6  |
| Platanus (Plátano de sombra)    | — | — | — | — | — | — | — | 0  |
| Poaceae (Gramíneas)             | 2 | 4 | 9 | 1 | 1 | 3 | — | 20 |
| Urticaceae (Ortiga, parietaria) | — | 2 | 4 | 4 | 3 | 3 | — | 16 |

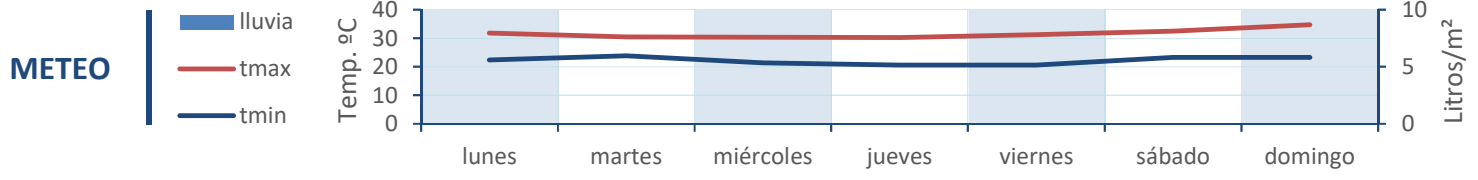
## OTROS TIPOS POLÍNICOS

|                                                                                     |   |   |   |   |   |   |   |  |
|-------------------------------------------------------------------------------------|---|---|---|---|---|---|---|--|
| Umbrales de polen SEAIC                                                             |   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |   |  |
| Castanea (Castaño)                                                                  | 1 | 4 | 7 | 4 | 1 | 1 |   |  |
| Compositae (Tipo Senecio)                                                           |   |   | 1 |   |   |   |   |  |
| Ericaceae (Brezo)                                                                   |   |   |   | 1 |   |   |   |  |
| Ligustrum (Aligustre)                                                               | 5 | 1 | 1 | 1 |   | 2 |   |  |
| Liliaceae (Liliacea)                                                                |   |   | 1 |   |   |   |   |  |
| Myrtaceae (Eucalipto, mirto)                                                        | 1 |   | 1 |   |   |   |   |  |
| Palmae (Palmeras)                                                                   |   |   |   |   | 1 | 1 | 1 |  |
| Pinaceae (Pinos, cedros)                                                            | 2 |   | 1 | 1 |   | 1 | 1 |  |
| Plantago (Llantén)                                                                  |   | 2 | 3 |   |   |   |   |  |
| Quercus (Encina, alcornoque)                                                        | 1 | 5 | 4 | 3 | 1 | 2 |   |  |
| OTROS                                                                               | 1 | 1 | 2 | 3 | 2 |   |   |  |

|                                        |    |    |    |    |    |    |   |                                                                                       |
|----------------------------------------|----|----|----|----|----|----|---|---------------------------------------------------------------------------------------|
| SUMA                                   | 17 | 22 | 40 | 22 | 15 | 17 | 6 |  |
| Datos en granos/m <sup>3</sup> de aire |    |    |    |    |    |    |   |                                                                                       |

|         |            |                             |    |    |    |                                     |   |   |                                                                                       |
|---------|------------|-----------------------------|----|----|----|-------------------------------------|---|---|---------------------------------------------------------------------------------------|
| ESPORAS | Alternaria | 7                           | 17 | 37 | 15 | 14                                  | 6 | 6 |  |
|         |            | Datos en esporas/m³ de aire |    |    |    | Responsable análisis: Javier Suárez |   |   |                                                                                       |

Responsable análisis: Javier Suárez  
Situación captador: Hospital General Universitario de Alicante



# REPRESENTACIÓN GRÁFICA

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

ALICANTE

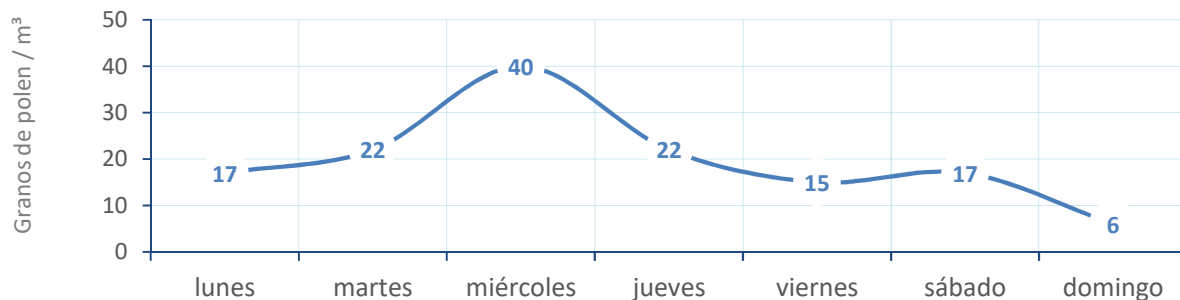


LETI

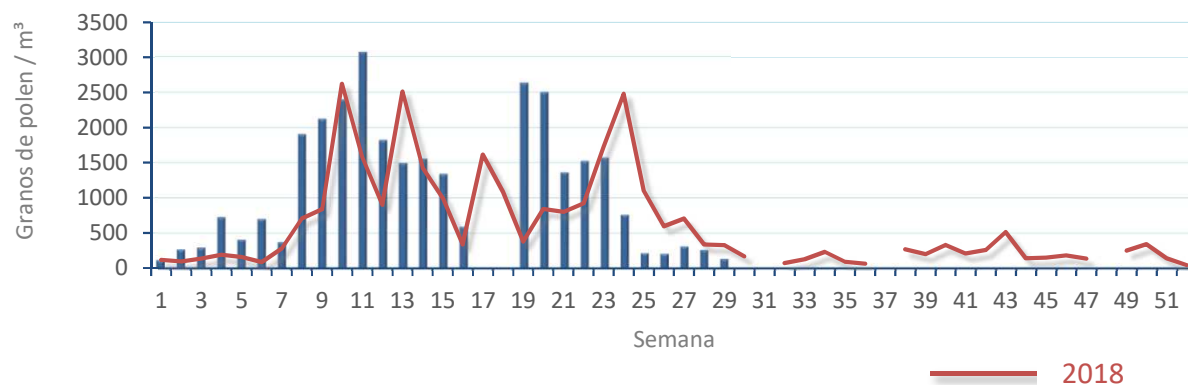
139  
grn/m<sup>3</sup>

POLEN

## NIVELES DE POLEN DE LA ÚLTIMA SEMANA

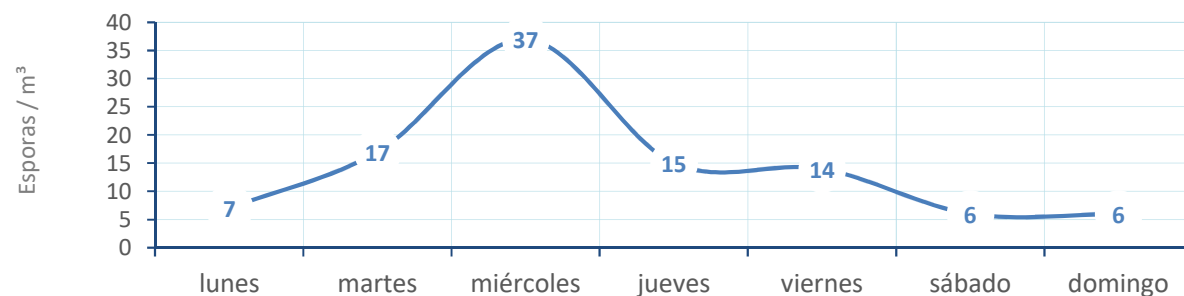


## EVOLUCIÓN POLÍNICA SEMANAL

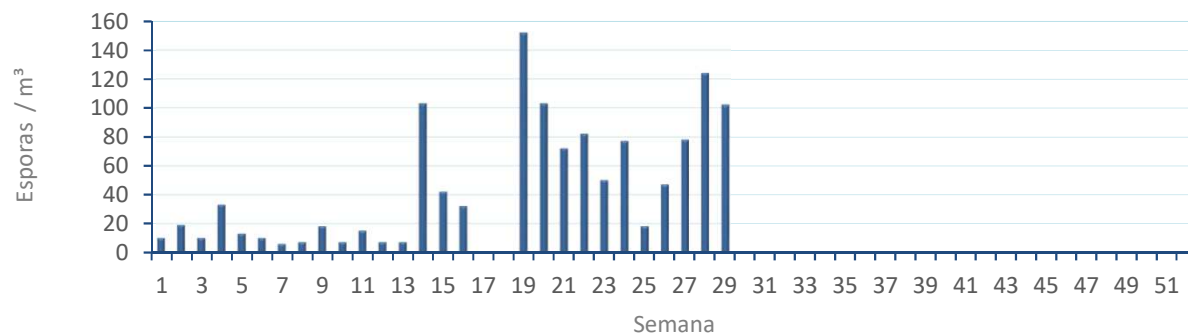


ALTERNARIA

## NIVELES DE ALTERNARIA DE LA ÚLTIMA SEMANA



## EVOLUCIÓN SEMANAL DE ALTERNARIA



# COMPARACIÓN RESPECTO AL AÑO 2018

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

AÑOS

2019

29

ALICANTE



LETI



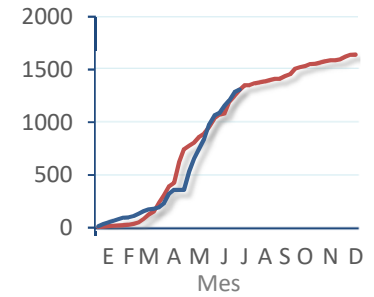
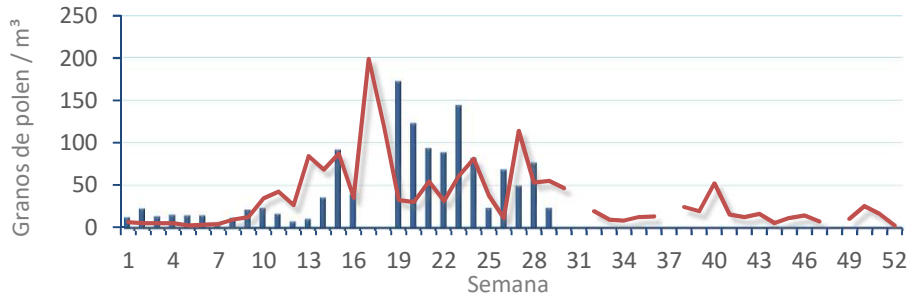
2018 2019

TIPOS

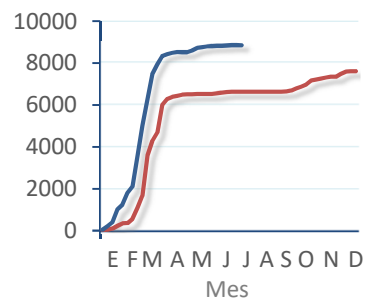
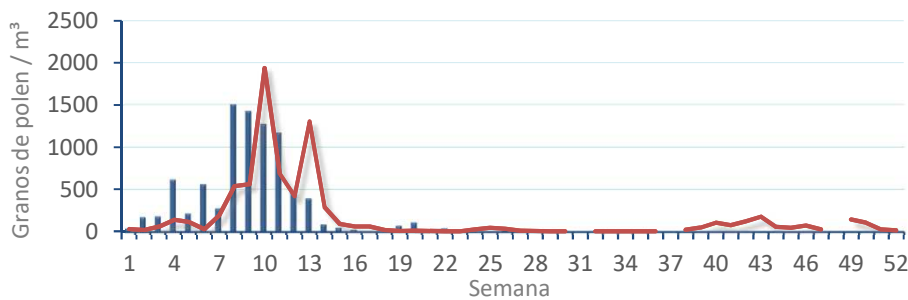
EVOLUCIÓN SEMANAL

DATOS AGRUPADOS

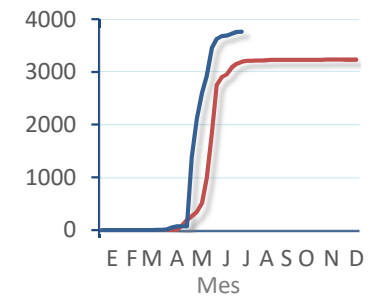
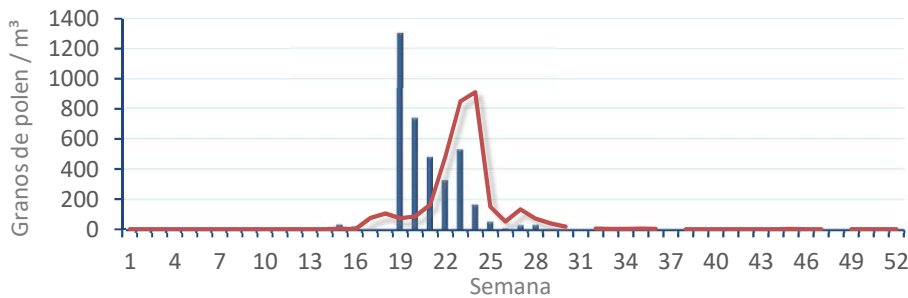
*Amaranthaceae*  
(Cenizo, salsola)



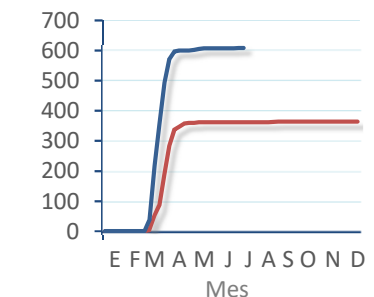
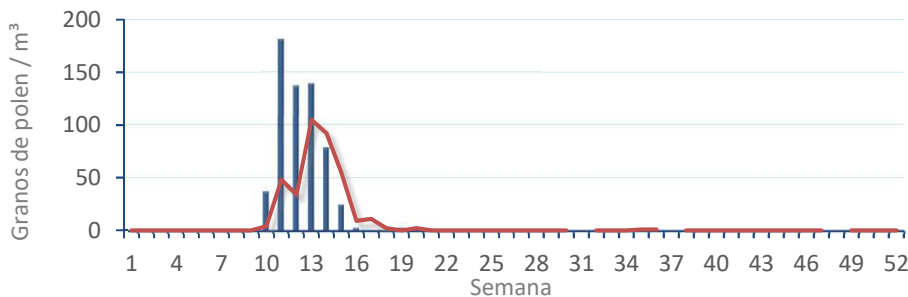
*Cupres. / Taxac.*  
(Ciprés, enebro)



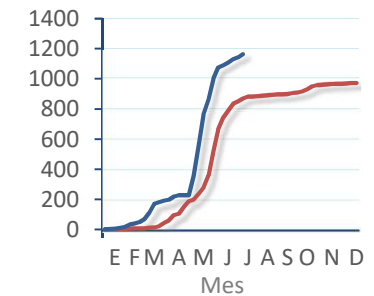
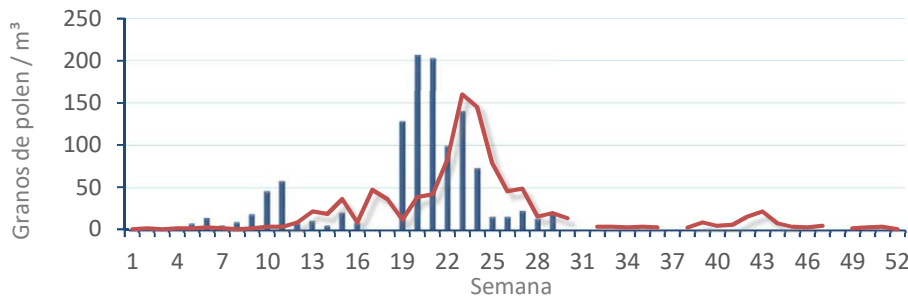
*Olea europaea*  
(Olivo)



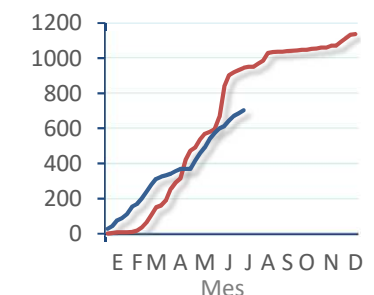
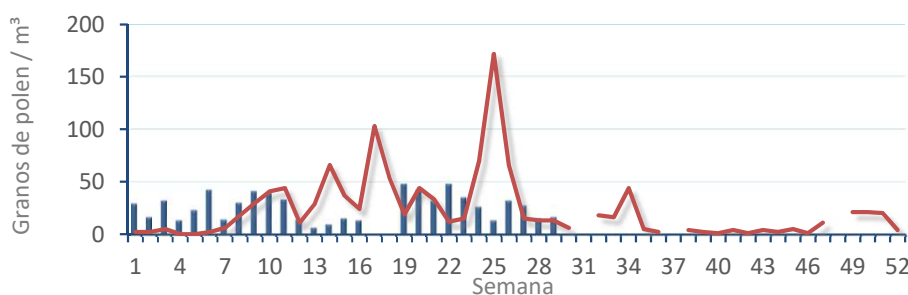
*Platanus sp.*  
(Plátano de sombra)



*Poaceae*  
(Gramíneas)



*Urticaceae*  
(Ortigas, parietarias)



# CONCENTRACIONES DE POLEN EN EL AMBIENTE

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

CASTELLÓN

 **LETI**

190 grn/m³

ESTACIÓN

PRIMAVERA

>>VERANO<<

OTOÑO

INVIERNO

TIPO

LUNES

MARTES

MIÉRCOLES

JUEVES

VIERNES

SÁBADO

DOMINGO

TOTAL

PRINCIPALES

TIPOS POLÍNICOS

POLÍNICO

15-jul.

16-jul.

17-jul.

18-jul.

19-jul.

20-jul.

21-jul.

SEMANA

|                                    |   |   |    |   |   |   |   |    |
|------------------------------------|---|---|----|---|---|---|---|----|
| Amaranthaceae<br>(Cenizo, salsola) | 4 | 1 | 2  | 5 | 3 | 2 | — | 17 |
| Cupres./Taxac.<br>(Ciprés, enebro) | 1 | — | —  | — | — | 1 | — | 2  |
| Olea<br>(Olivo)                    | — | — | —  | 3 | 2 | 2 | — | 7  |
| Platanus<br>(Plátano de sombra)    | — | 1 | —  | — | — | — | — | 1  |
| Poaceae<br>(Gramíneas)             | 1 | 5 | 3  | 4 | — | 4 | 3 | 20 |
| Urticaceae<br>(Ortiga, parietaria) | 3 | 8 | 12 | 6 | 4 | 7 | 4 | 44 |

OTROS

TIPOS POLÍNICOS

Umbrales de polen SEAIC

altos

medios

bajos

nulos

|                                 |   |    |    |   |   |   |   |  |
|---------------------------------|---|----|----|---|---|---|---|--|
| Apiaceae<br>(Umbelífera)        | 1 |    | 1  |   | 1 |   |   |  |
| Castanea<br>(Castaño)           | 2 | 15 | 17 | 4 | 2 | 2 | 1 |  |
| Cyperaceae<br>(Juncia, lastán)  |   |    |    | 1 |   | 1 |   |  |
| Ligustrum<br>(Aligustre)        | 3 |    |    |   |   | 1 |   |  |
| Pinaceae<br>(Pinos, cedros)     | 2 | 1  | 1  | 1 | 1 |   | 2 |  |
| Plantago<br>(Llantén)           | 1 |    |    | 1 |   |   | 1 |  |
| Quercus<br>(Encina, alcornoque) | 4 | 6  | 3  | 5 | 6 |   | 2 |  |
| Rumex<br>(Acedera)              |   |    |    |   |   |   | 1 |  |
| Typhaceae<br>(Tifa)             | 1 |    |    |   |   |   |   |  |
| OTROS                           |   |    | 1  | 2 | 2 | 1 | 2 |  |

SUMA

23

37

40

32

21

21

16



Datos en granos/m³ de aire

ESPORAS

Alternaria

37

53

159

173

130

132

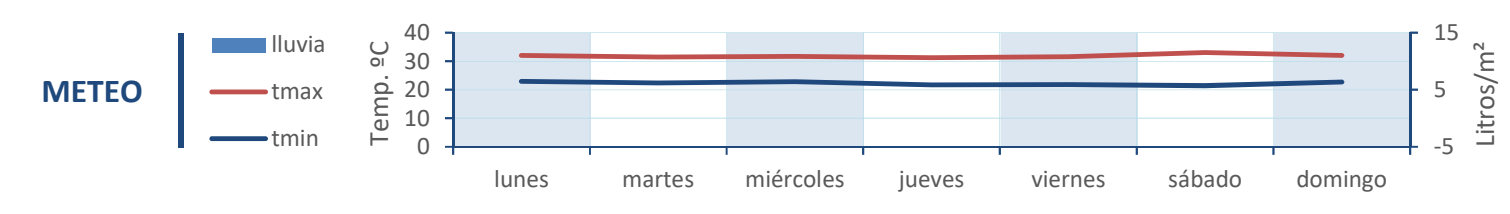
97



Datos en esporas/m³ de aire

Responsable análisis: Javier Suárez

Situación captador: Hospital General de Castellón



# REPRESENTACIÓN GRÁFICA

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

CASTELLÓN

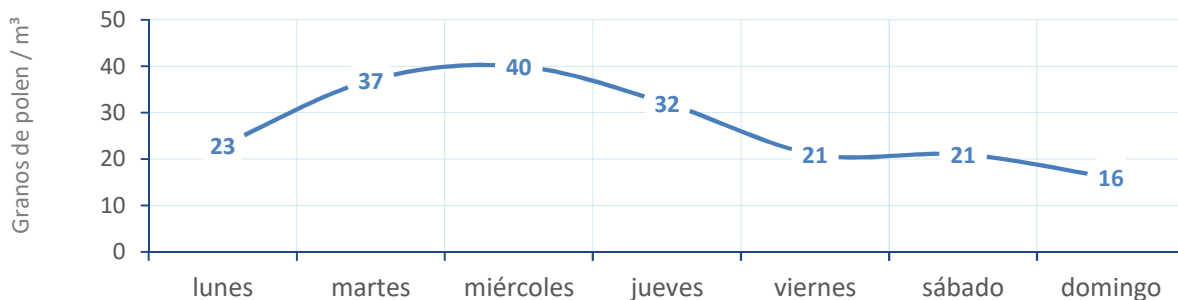


LETI

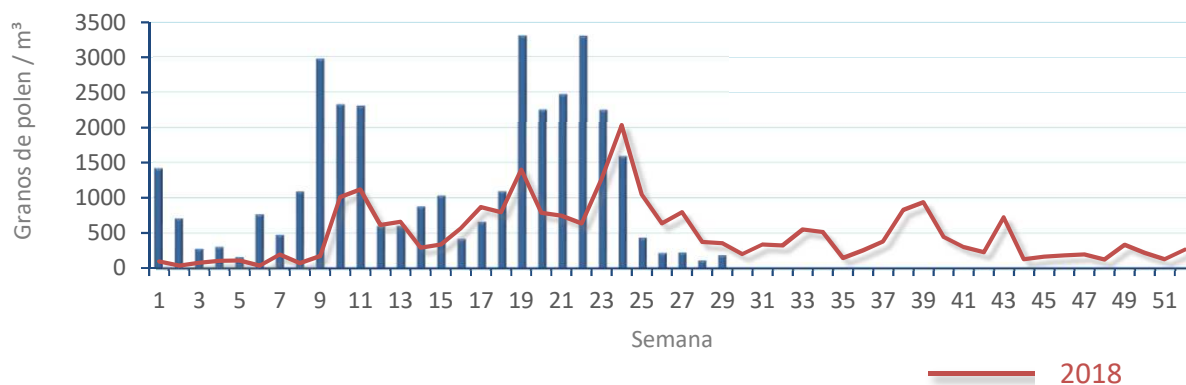
190  
grn/m<sup>3</sup>

POLEN

## NIVELES DE POLEN DE LA ÚLTIMA SEMANA



## EVOLUCIÓN POLÍNICA SEMANAL

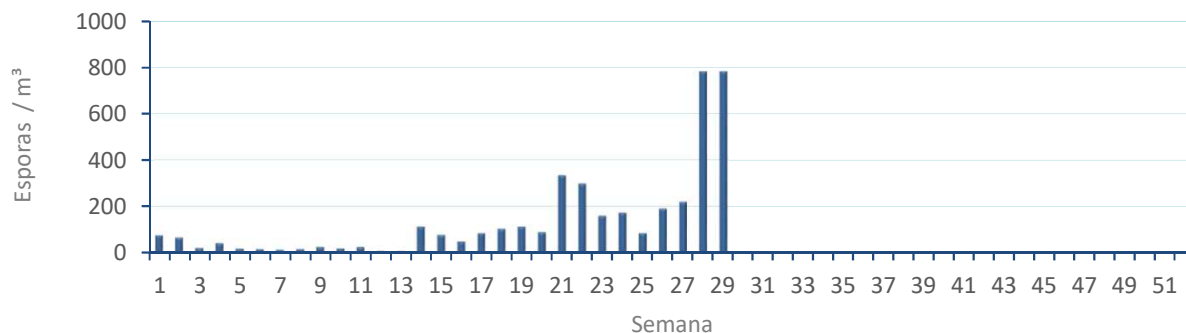


ALTERNARIA

## NIVELES DE ALTERNARIA DE LA ÚLTIMA SEMANA



## EVOLUCIÓN SEMANAL DE ALTERNARIA



# COMPARACIÓN RESPECTO AL AÑO 2018

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

AÑOS

2019

29

CASTELLÓN

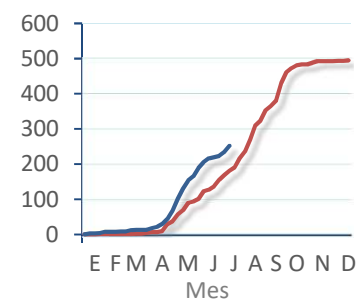
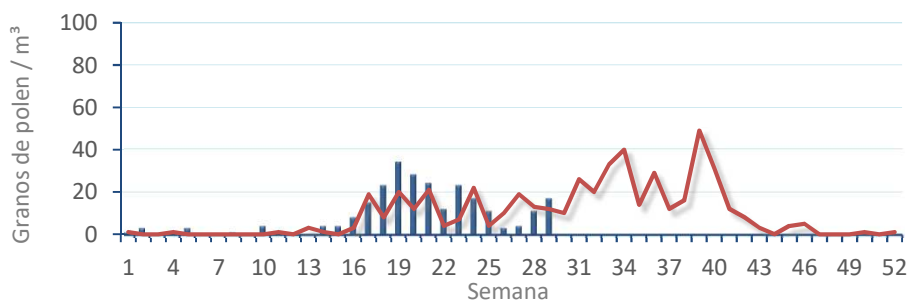


TIPOS

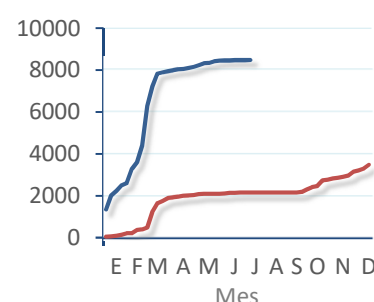
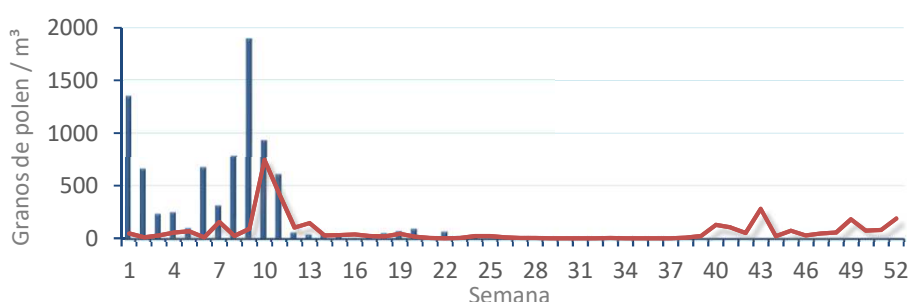
EVOLUCIÓN SEMANAL

DATOS AGRUPADOS

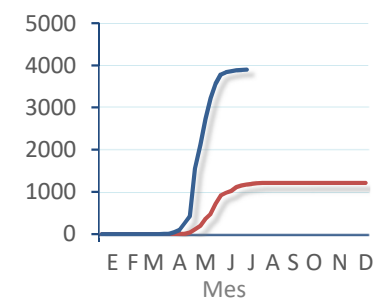
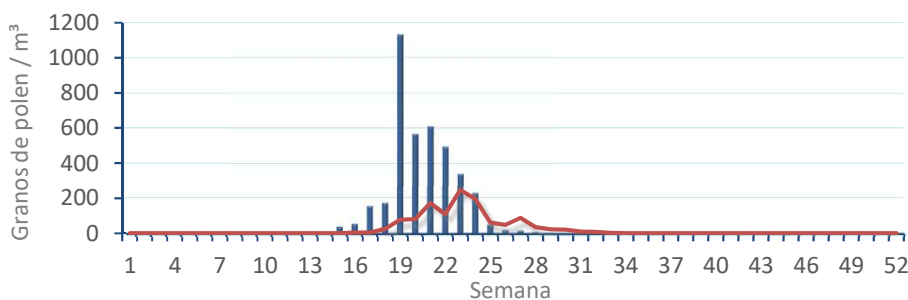
*Amaranthaceae*  
(Cenizo, salsola)



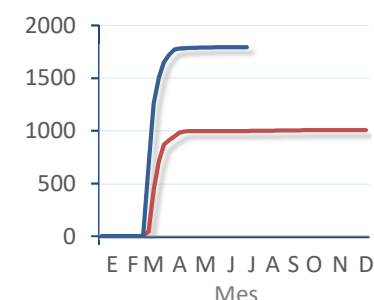
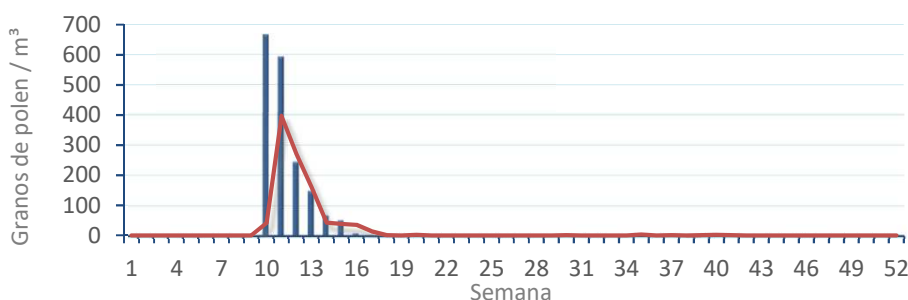
*Cupres. / Taxac.*  
(Ciprés, enebro)



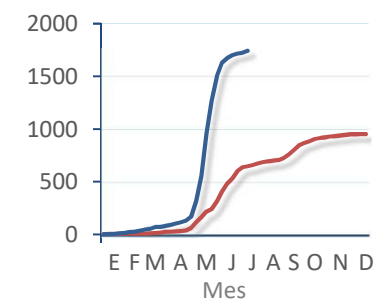
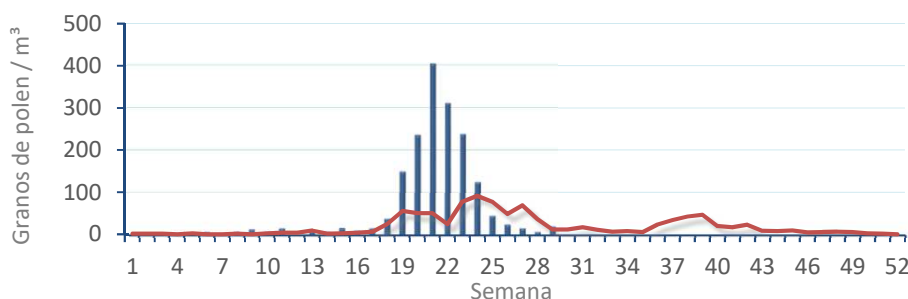
*Olea europaea*  
(Olivio)



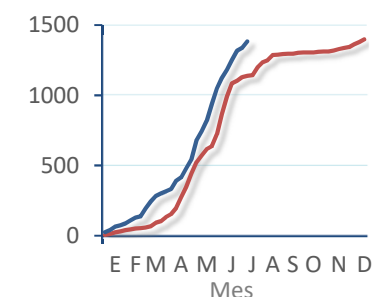
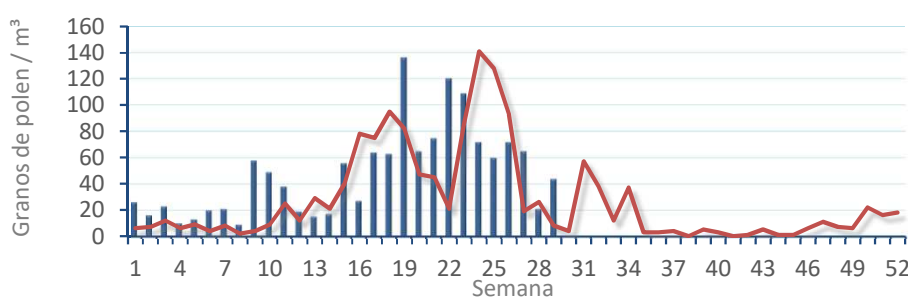
*Platanus sp.*  
(Plátano de sombra)



*Poaceae*  
(Gramíneas)



*Urticaceae*  
(Ortigas, parietarias)



# CONCENTRACIONES DE POLEN EN EL AMBIENTE

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

PEGO

 **LETI**

189  
grn/m³

ESTACIÓN

PRIMAVERA

>>VERANO<<

OTOÑO

INVIERNO

TIPO

LUNES

MARTES

MIÉRCOLES

JUEVES

VIERNES

SÁBADO

DOMINGO

TOTAL

PRINCIPALES

TIPOS POLÍNICOS

POLÍNICO

15-jul.

16-jul.

17-jul.

18-jul.

19-jul.

20-jul.

21-jul.

SEMANA

|                                    |   |   |    |    |    |   |   |    |
|------------------------------------|---|---|----|----|----|---|---|----|
| Amaranthaceae<br>(Cenizo, salsola) | 3 | 3 | 2  | 3  | 1  | 2 | 1 | 15 |
| Cupres./Taxac.<br>(Ciprés, enebro) | — | — | —  | —  | —  | — | — | 0  |
| Olea<br>(Olivio)                   | 2 | 2 | 4  | 2  | 1  | 1 | 2 | 14 |
| Platanus<br>(Plátano de sombra)    | — | — | —  | —  | —  | 1 | — | 1  |
| Poaceae<br>(Gramíneas)             | 7 | 4 | 11 | 3  | 2  | 1 | 1 | 29 |
| Urticaceae<br>(Ortiga, parietaria) | 3 | 6 | 11 | 11 | 10 | 7 | — | 48 |

OTROS

TIPOS POLÍNICOS

Umbrales de polen SEIAC

altos

medios

bajos

nulos

|                                 |   |   |   |   |   |   |   |  |
|---------------------------------|---|---|---|---|---|---|---|--|
| Apiaceae<br>(Umbelíferas)       | 1 | 1 |   |   | 1 |   |   |  |
| Castanea<br>(Castaño)           | 5 | 4 | 7 | 1 | 3 | 3 | 3 |  |
| Echium<br>(Viborera)            | 1 |   |   |   |   |   |   |  |
| Ericaceae<br>(Brezo)            |   |   | 1 |   |   |   |   |  |
| Myrtaceae<br>(Eucalipto, mirto) | 1 |   |   | 1 |   |   |   |  |
| Palmae<br>(Palmeras)            |   |   |   |   | 3 |   |   |  |
| Pinaceae<br>(Pinos, cedros)     | 1 | 3 | 1 | 3 | 2 | 1 | 1 |  |
| Plantago<br>(Llantén)           | 1 | 1 | 1 | 1 |   |   |   |  |
| Quercus<br>(Encina, alcornoque) | 4 | 3 | 6 | 3 | 1 | 5 |   |  |
| Typhaceae<br>(Tifa)             |   |   |   |   | 1 |   |   |  |
| OTROS                           | 3 | 1 | 1 | 1 |   | 1 |   |  |

SUMA

32

28

45

29

25

22

8



Datos en granos/m³ de aire

ESPORAS

Alternaria

22

18

38

14

9

13

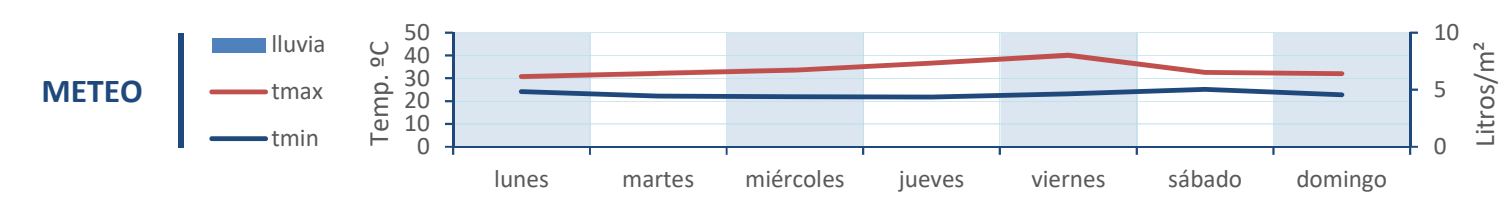
32



Datos en esporas/m³ de aire

Responsable análisis: Javier Suárez

Situación captador: Hospital Clínico de Valencia



# REPRESENTACIÓN GRÁFICA

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

PEGO



LETI

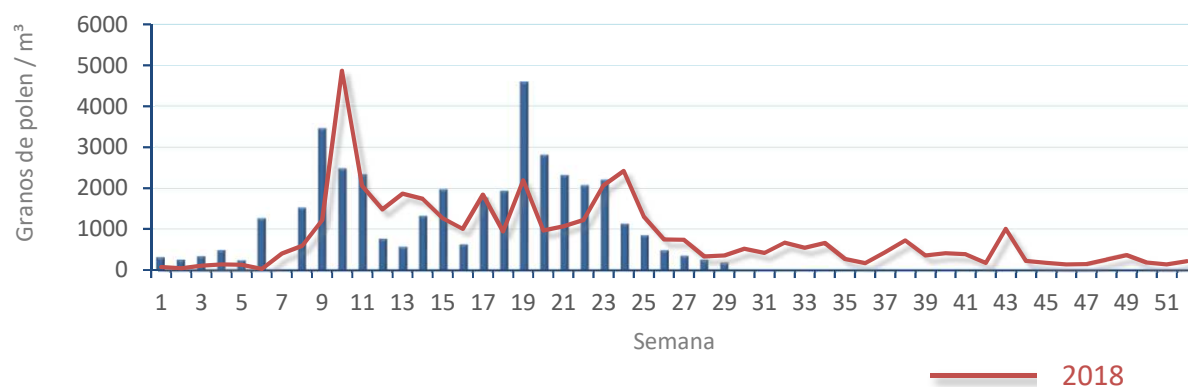
189  
grn/m<sup>3</sup>

POLEN

## NIVELES DE POLEN DE LA ÚLTIMA SEMANA

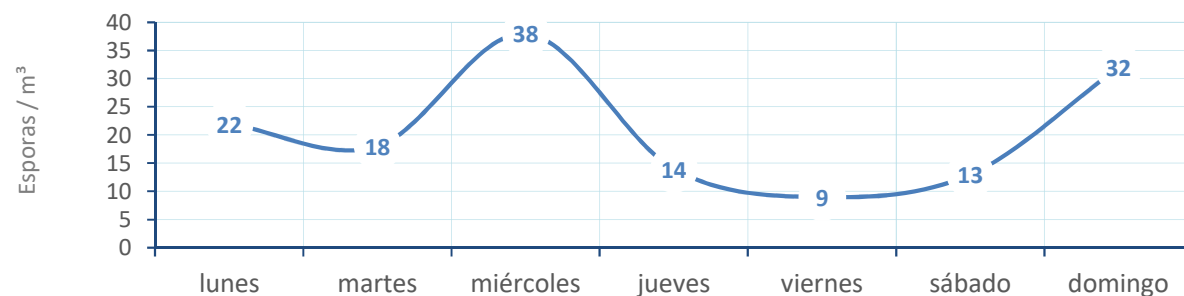


## EVOLUCIÓN POLÍNICA SEMANAL

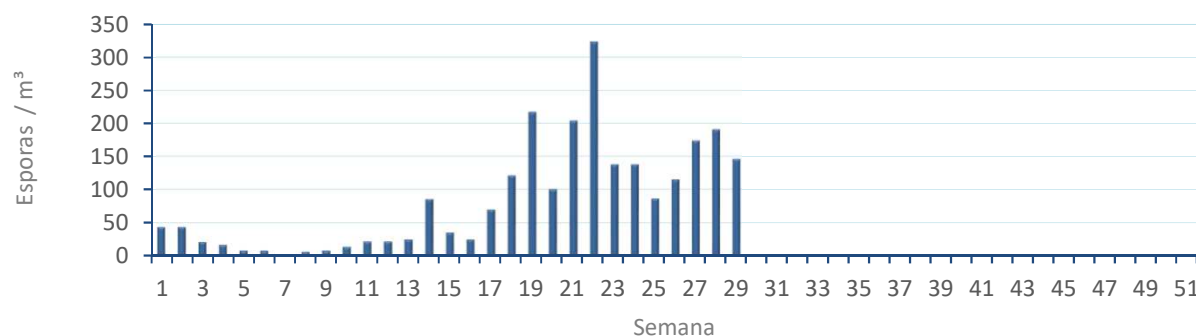


ALTERNARIA

## NIVELES DE ALTERNARIA DE LA ÚLTIMA SEMANA



## EVOLUCIÓN SEMANAL DE ALTERNARIA





# COMPARACIÓN RESPECTO AL AÑO 2018

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

AÑOS

2019

29

PEGO



LETI

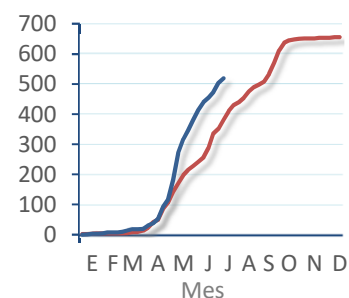
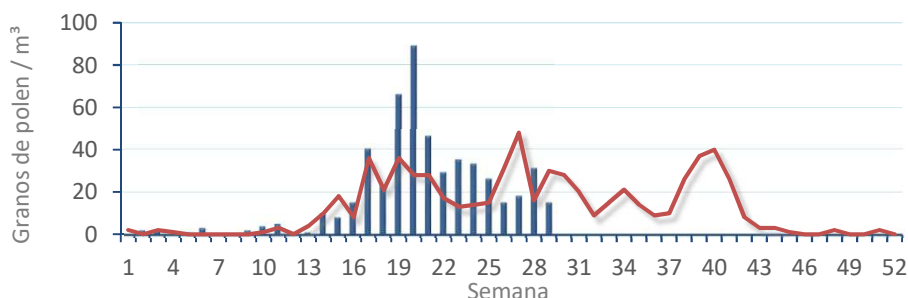
2018 2019

TIPOS

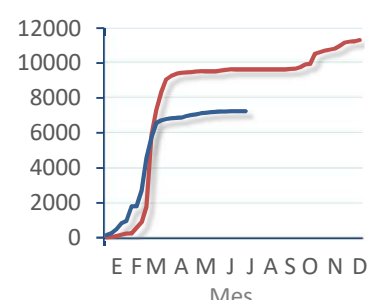
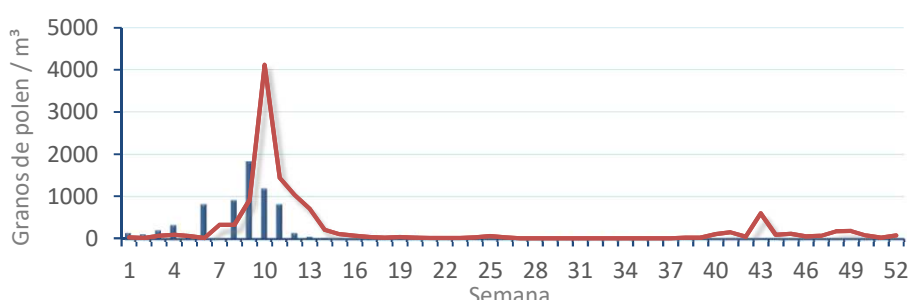
EVOLUCIÓN SEMANAL

DATOS AGRUPADOS

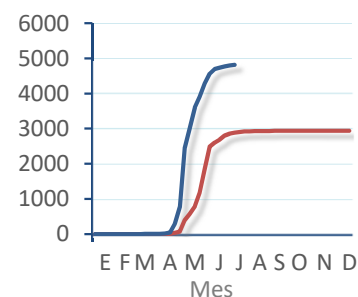
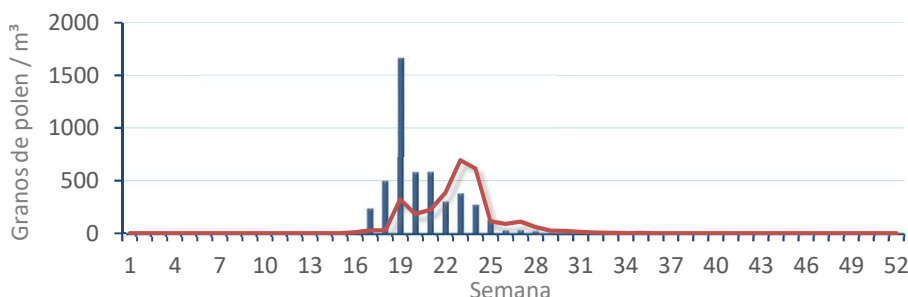
*Amaranthaceae*  
(Cenizo, salsola)



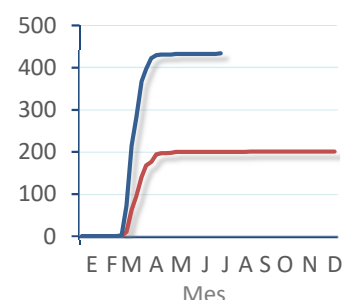
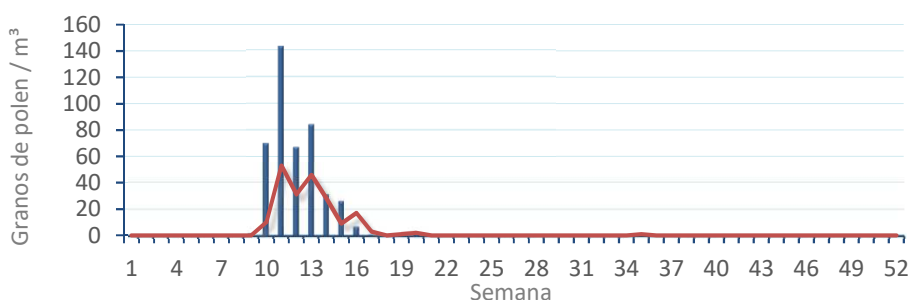
*Cupres. / Taxac.*  
(Ciprés, enebro)



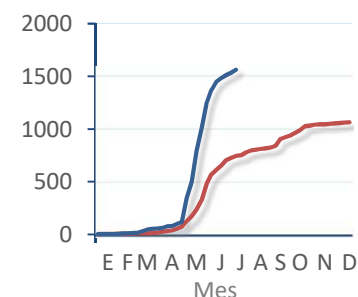
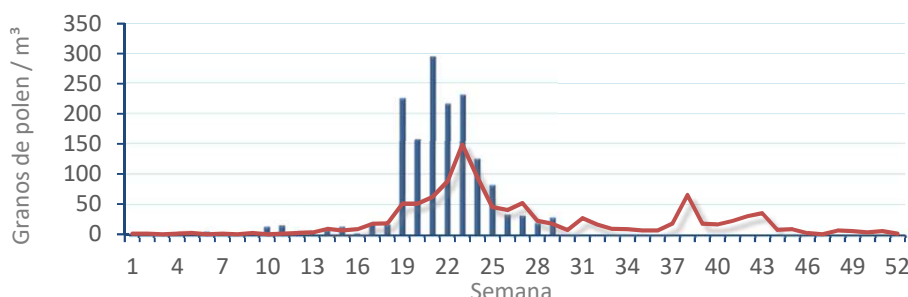
*Olea europaea*  
(Olive)



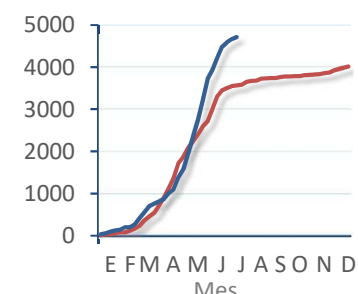
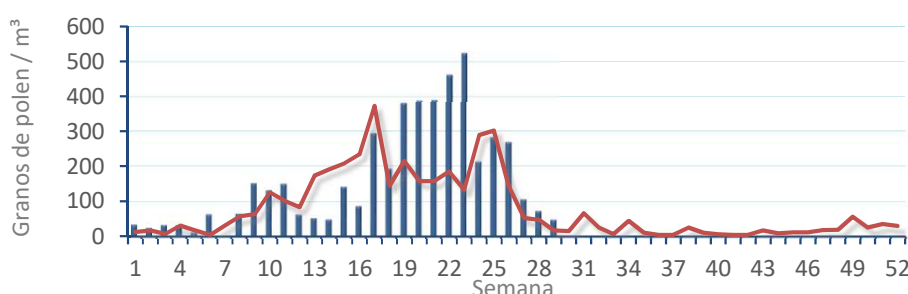
*Platanus sp.*  
(Plátano de sombra)



*Poaceae*  
(Gramíneas)



*Urticaceae*  
(Ortigas, parietarias)



# CONCENTRACIONES DE POLEN EN EL AMBIENTE

| AÑO | SEMANA | PUNTO DE MUESTREO | COLABORA | TOTAL |
|-----|--------|-------------------|----------|-------|
|-----|--------|-------------------|----------|-------|

2019

29

VALENCIA



LETI

149  
grn/m<sup>3</sup>

| ESTACIÓN | PRIMAVERA | >> VERANO<< |  | OTOÑO | INVIERNO |  |  |  |
|----------|-----------|-------------|--|-------|----------|--|--|--|
|----------|-----------|-------------|--|-------|----------|--|--|--|

## PRINCIPALES TIPOS POLÍNICOS

| TIPO POLÍNICO                             | LUNES<br>15-jul. | MARTES<br>16-jul. | MIÉRCOLES<br>17-jul. | JUEVES<br>18-jul. | VIERNES<br>19-jul. | SÁBADO<br>20-jul. | DOMINGO<br>21-jul. | TOTAL<br>SEMANA |
|-------------------------------------------|------------------|-------------------|----------------------|-------------------|--------------------|-------------------|--------------------|-----------------|
| <i>Amaranthaceae</i><br>(Cenizo, salsola) | 2                | 1                 | 2                    | 3                 | 1                  | —                 | 2                  | 11              |
| <i>Cupres./Taxac.</i><br>(Ciprés, enebro) | 1                | —                 | —                    | —                 | —                  | —                 | —                  | 1               |
| <i>Olea</i><br>(Olivo)                    | 4                | —                 | 3                    | 3                 | 1                  | 2                 | —                  | 13              |
| <i>Platanus</i><br>(Plátano de sombra)    | —                | 2                 | 1                    | —                 | —                  | —                 | 1                  | 4               |
| <i>Poaceae</i><br>(Gramíneas)             | 3                | 8                 | —                    | 1                 | 1                  | 4                 | 1                  | 18              |
| <i>Urticaceae</i><br>(Ortiga, parietaria) | 3                | 7                 | —                    | 3                 | 2                  | 4                 | 2                  | 21              |

## OTROS TIPOS POLÍNICOS

|                                        |                                                                      |    |    |   |   |   |   |  |
|----------------------------------------|----------------------------------------------------------------------|----|----|---|---|---|---|--|
|                                        | Umbral de polen SEAIC                                                |    |    |   |   |   |   |  |
|                                        | <div>altos</div> <div>medios</div> <div>bajos</div> <div>nulos</div> |    |    |   |   |   |   |  |
| <i>Artemisia</i><br>(Artemisa)         |                                                                      |    |    |   | 1 |   |   |  |
| <i>Castanea</i><br>(Castaño)           | 3                                                                    | 11 | 10 | 3 | 2 | 3 | 1 |  |
| <i>Cyperaceae</i><br>(Juncia, lastán)  |                                                                      |    | 1  |   |   | 2 | 1 |  |
| <i>Ligustrum</i><br>(Aligustre)        | 1                                                                    |    |    |   |   |   |   |  |
| <i>Palmae</i><br>(Palmeras)            |                                                                      |    | 1  |   | 1 |   |   |  |
| <i>Pinaceae</i><br>(Pinos, cedros)     | 3                                                                    | 4  | 1  |   | 2 |   |   |  |
| <i>Plantago</i><br>(Llantén)           |                                                                      |    | 1  |   |   | 1 |   |  |
| <i>Quercus</i><br>(Encina, alcornoque) | 8                                                                    | 4  | 1  | 3 | 1 | 1 |   |  |
| <i>Rumex</i><br>(Acedera)              |                                                                      |    |    |   |   |   | 1 |  |
| <i>Typhaceae</i><br>(Tifa)             |                                                                      | 1  |    |   |   |   | 1 |  |
| OTROS                                  | 1                                                                    | 1  | 2  |   | 2 | 1 |   |  |

SUMA

29

39

23

16

14

18

10

Datos en granos/m<sup>3</sup> de aire

ESPORAS

Alternaria

45

29

47

23

16

30

29

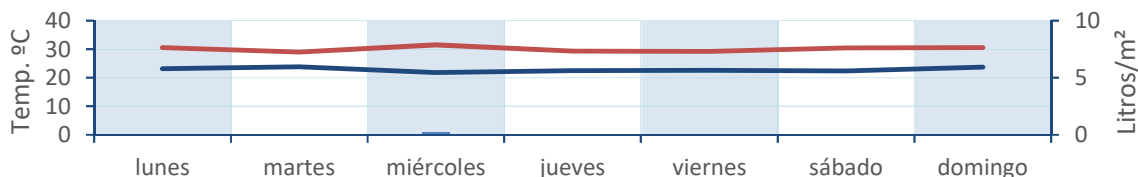
Datos en esporas/m<sup>3</sup> de aire

Responsable análisis: Javier Suárez

Situación captador: Hospital Clínico de Valencia

METEO

lluvia  
tmax  
tmin



# REPRESENTACIÓN GRÁFICA

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

TOTAL

2019

29

VALENCIA



LETI

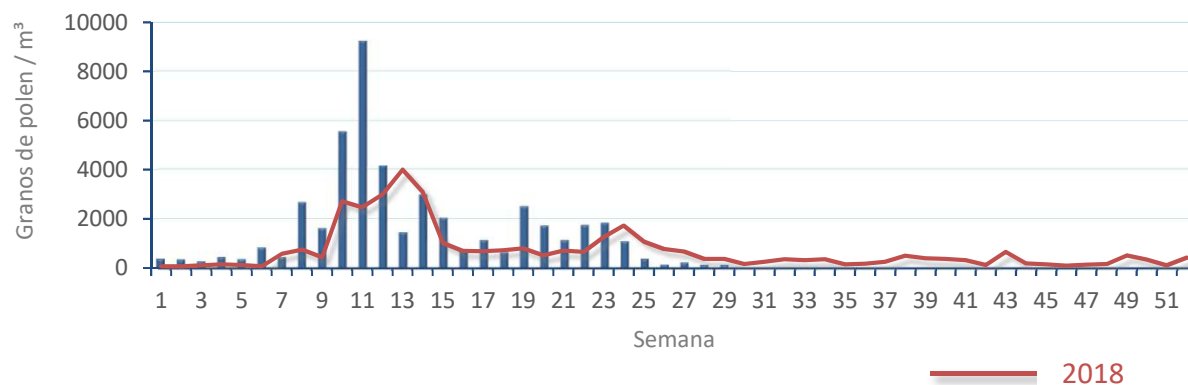
149  
grn/m<sup>3</sup>

POLEN

## NIVELES DE POLEN DE LA ÚLTIMA SEMANA



## EVOLUCIÓN POLÍNICA SEMANAL

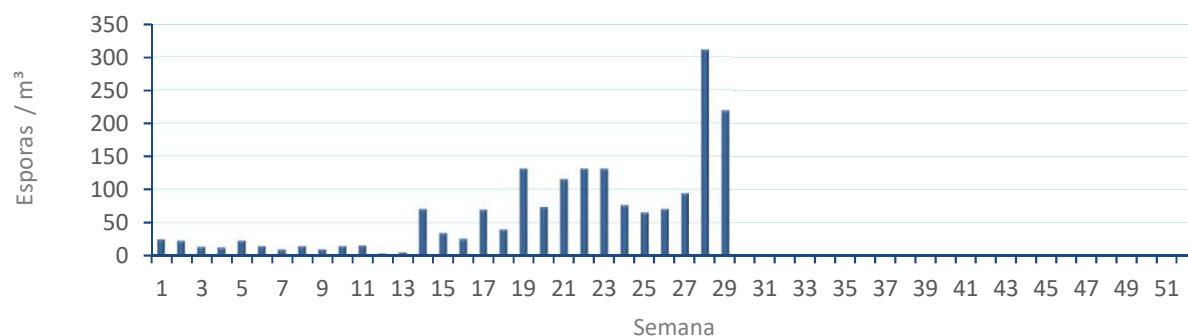


ALTERNARIA

## NIVELES DE ALTERNARIA DE LA ÚLTIMA SEMANA



## EVOLUCIÓN SEMANAL DE ALTERNARIA



# COMPARACIÓN RESPECTO AL AÑO 2018

AÑO

SEMANA

PUNTO DE MUESTREO

COLABORA

AÑOS

2019

29

VALENCIA



LETI

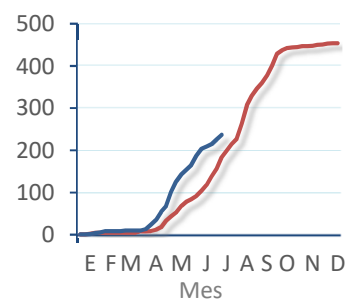
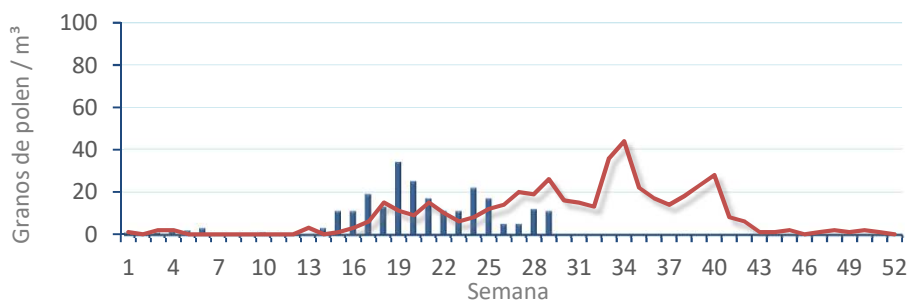
2018 2019

TIPOS

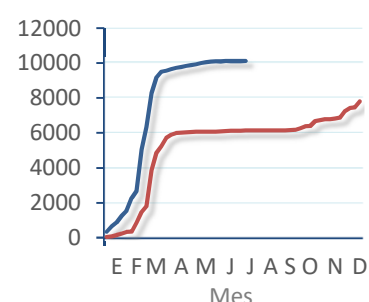
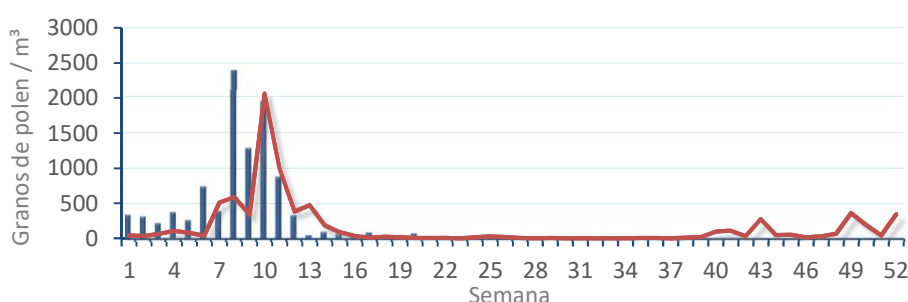
EVOLUCIÓN SEMANAL

DATOS AGRUPADOS

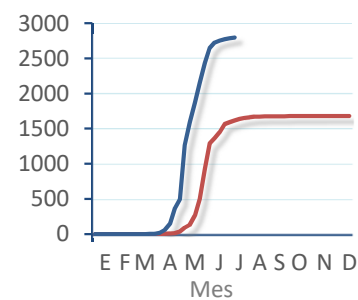
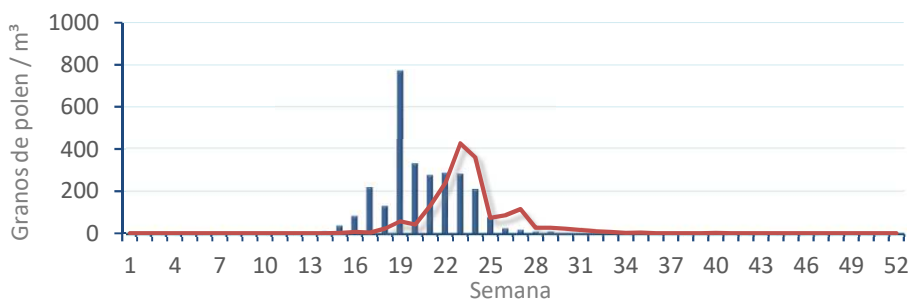
*Amaranthaceae*  
(Cenizo, salsola)



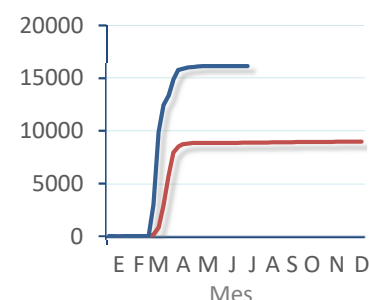
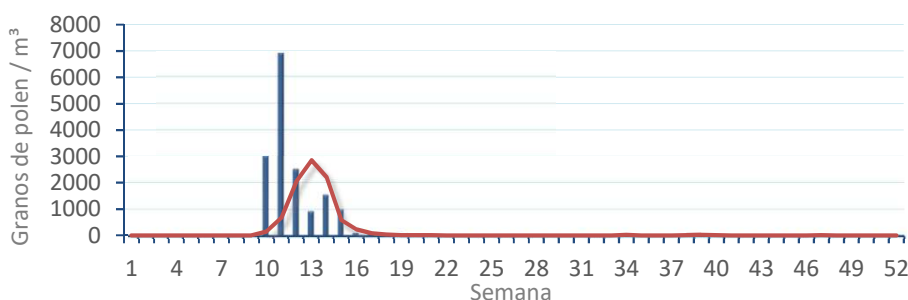
*Cupres. / Taxac.*  
(Ciprés, enebro)



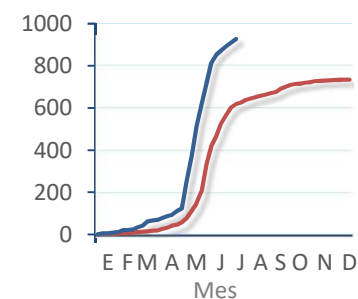
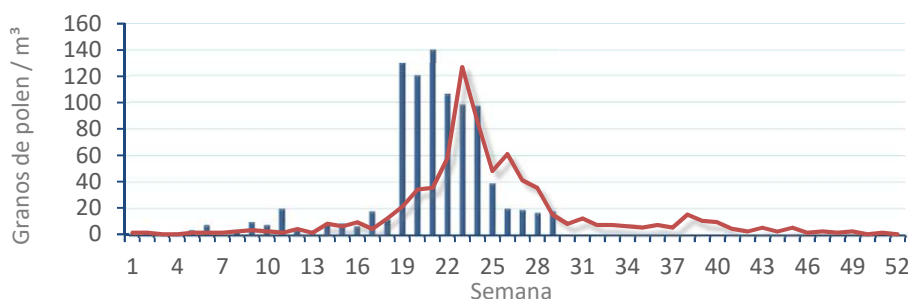
*Olea europaea*  
(Olivio)



*Platanus sp.*  
(Plátano de sombra)



*Poaceae*  
(Gramíneas)



*Urticaceae*  
(Ortigas, parietarias)

