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## Appendix

**Fig. A1. Fig. A1. Nomenclature of different fruit parts of *C. grandis* (pomelo)**

**Fig. A2. Major metabolic intermediates in the pathways for synthesis of cholesterol, fatty acids, and triglycerides JCI0215593.f2.** Depicted from Horton et al. (2002).

http://dm5migu4zj3pb.cloudfront.net/manuscripts/15000/15593/large/JCI0215593.f2.jpg

## Appendix

**Fig. A1. Nomenclature of different fruit parts of *C. grandis* (pomelo)**

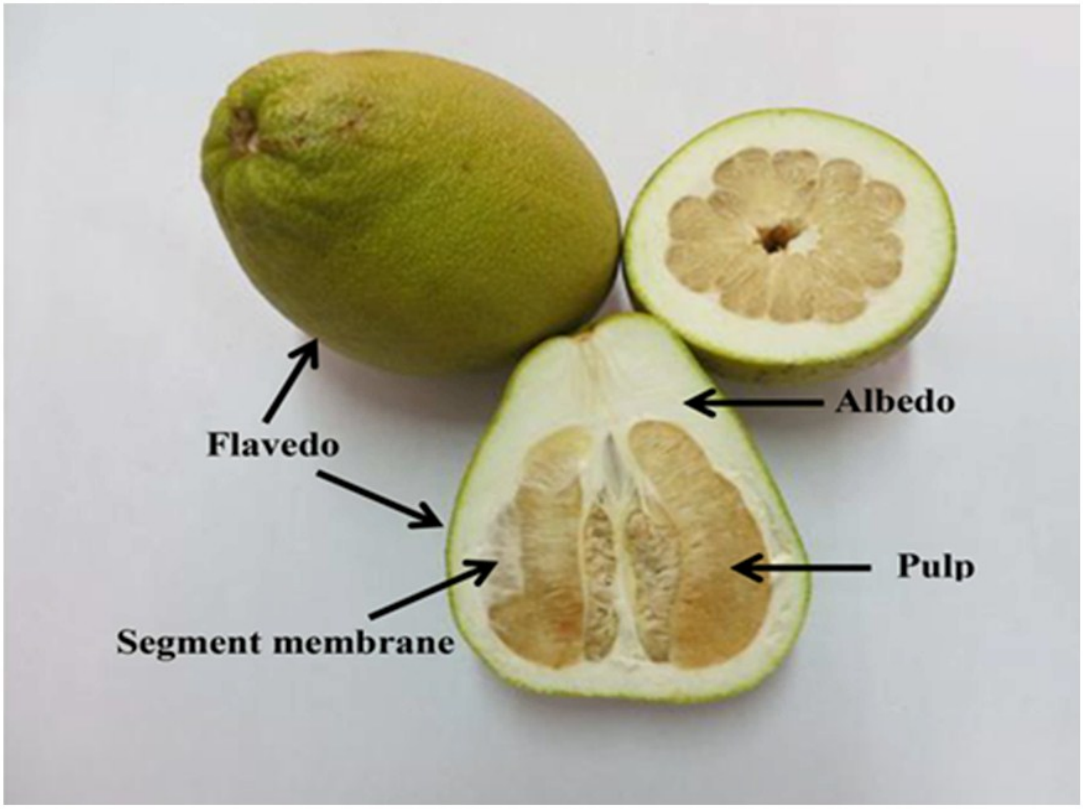

**Figure A2**.

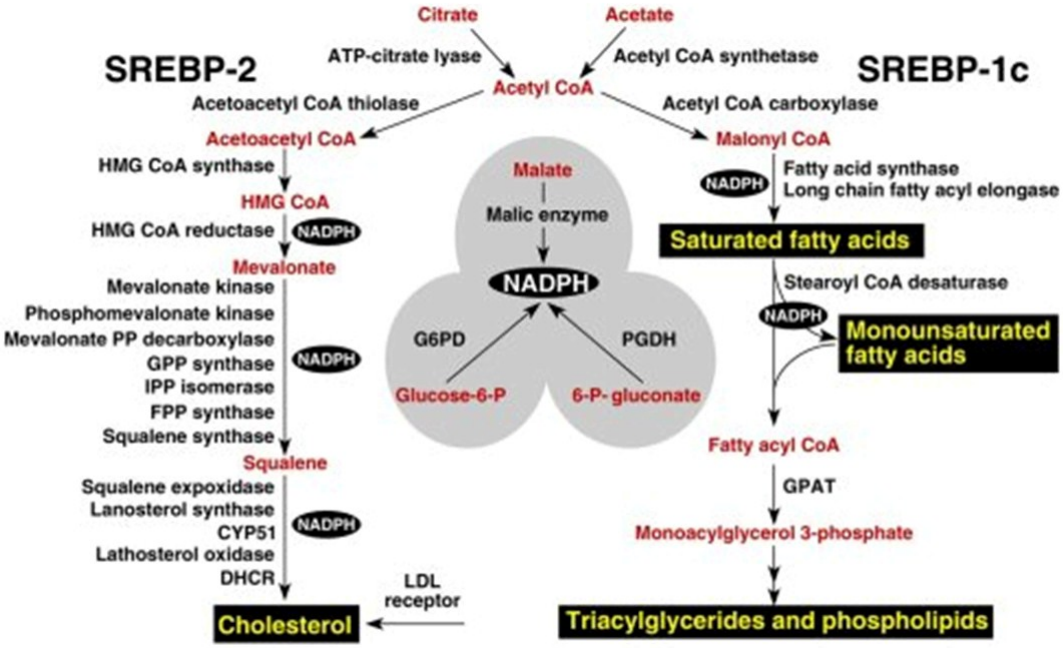


**Fig. A2. Major metabolic intermediates in the pathways for synthesis of cholesterol, fatty acids, and triglycerides JCI0215593.f2.** Depicted from Horton et al. (2002).

http://dm5migu4zj3pb.cloudfront.net/manuscripts/15000/15593/large/JCI0215593.f2.jpg

## Appendix

**Table A1. Season-dependent compositional change of essential oils from fruits of *Citrus maxima*.*** (continued to next page)

**Table A2. Equations for conversion of mmol/L to mg/dL**

## Appendix

**Table A1. Season-dependent compositional change of essential oils from fruits of**

| Compounds | RI | Composition (%) | | | | |
|---|---|---|---|---|---|---|
| | | May | June | July | August | September |
| **Monoterpene** | | | | | | |
| α-thujene | 927 | 0.05 | 0.03 | 0.02 | 0.02 | ND[2] |
| α-pinene | 935 | 1.52 | 1.82 | 1.81 | 1.67 | 1.22 |
| camphene | 948 | 0.07 | 0.05 | 0.03 | 0.02 | ND |
| sabinene | 970 | 0.95 | 1.12 | 0.83 | 0.70 | 0.43 |
| β- pinene | 976 | 4.70 | 3.83 | 1.89 | 1.40 | 0.83 |
| β-myrcene | 987 | 3.10 | 4.06 | 4.56 | 4.31 | 3.40 |
| α-phellandrene | 999 | 0.13 | 0.16 | 0.18 | 0.14 | 0.08 |
| α-terpinene | 1012 | 0.03 | 0.03 | ND | ND | ND |
| limonene | 1030 | 60.83 | 74.66 | 79.46 | 84.80 | 85.63 |
| β-ocimene | 1050 | 4.55 | 1.19 | 1.04 | 0.63 | 0.35 |
| γ- terpinene | 1058 | 0.19 | 0.11 | 0.07 | 0.04 | ND |
| α-terpinolene | 1084 | 0.13 | 0.06 | 0.05 | 0.04 | ND |
| **Sesquiterpene** | | | | | | |
| cyclohexene | 1336 | 0.29 | 0.26 | 0.02 | 0.01 | 0.14 |
| α-cubebene | 1375 | 0.03 | 0.02 | 0.02 | 0.02 | ND |
| β-bourbonene | 1383 | 0.04 | 0.02 | ND | ND | 0.04 |
| β-elemene | 1387 | 0.21 | 0.14 | 0.13 | ND | ND |
| β-caryophyllene | 1416 | 0.90 | 0.31 | 0.23 | 0.09 | 0.07 |
| γ-elemene | 1428 | 0.03 | 0.02 | 0.02 | ND | ND |
| α-caryophyllene | 1449 | 0.14 | 0.05 | 0.02 | ND | ND |
| germacrene-D | 1478 | 5.57 | 4.13 | 3.66 | 2.41 | 1.81 |
| γ-muurolene | 1481 | 0.06 | 0.05 | 0.05 | 0.02 | 0.16 |
| α-farnesene | 1496 | 0.20 | ND | 0.04 | 0.27 | ND |
| δ-cadinene | 1498 | 0.04 | 0.03 | 0.02 | 0.04 | ND |
| γ-cadinene | 1505 | 0.07 | 0.02 | 0.02 | ND | ND |
| naphthalene | 1531 | 0.04 | ND | ND | ND | ND |
| ledene | 1551 | 0.23 | ND | ND | ND | ND |
| α-copaene | 1631 | 0.05 | ND | ND | ND | ND |

***Citrus maxima*.**[*] (continued to next page)

[*]Origin: Yunlin County of Taiwan.

**Table A1. Season-dependent compositional change of essential oils from fruits of *Citrus maxima*.**[*] (continued from front Table A1)

| Compounds | RI | Composition (%) | | | | |
|---|---|---|---|---|---|---|
| | | May | June | July | August | September |
| **Terpene esters** | | | | | | |
| neryl acetata | 1344 | ND | ND | ND | 0.04 | ND |

| | | | | | | |
|---|---|---|---|---|---|---|
| geranyl acetate | 1363 | 0.12 | 0.1 | 0.10 | 0.24 | 0.13 |
| **Terpene aldehydes** | | | | | | |
| 1-decanal | 1186 | 0.03 | 0.03 | ND | ND | ND |
| β-citral | 1216 | 0.21 | 0.25 | 0.26 | 0.11 | 0.15 |
| 2,6-octadienal | 1246 | 0.10 | ND | 0.31 | ND | 0.11 |
| α-citral | 1247 | ND | 0.13 | ND | ND | ND |
| **Terpene alocohols** | | | | | | |
| linallol | 1090 | 0.57 | 0.54 | 0.54 | 0.32 | 0.22 |
| 1-terpineol | 1110 | 0.03 | ND | ND | ND | 0.12 |
| β-terpineol | 1131 | 0.06 | 0.03 | 0.01 | ND | 0.10 |
| α-terpineol | 1166 | 0.60 | 0.24 | 0.12 | 0.05 | 0.24 |
| cis-carveol | 1184 | ND | 0.06 | 0.04 | ND | ND |
| trans-carveol | 1199 | 0.14 | 0.13 | 0.04 | 0.05 | ND |
| nerol | 1212 | 0.26 | 0.42 | 0.31 | 0.2 | ND |
| trans-geraniol | 1238 | 0.16 | 0.40 | 0.24 | ND | ND |
| nerolidol | 1680 | 0.09 | ND | ND | ND | ND |
| farnesol | 1700 | 0.14 | ND | ND | ND | ND |
| **Others** | | | | | | |
| α-pinene oxide | 997 | 0.09 | ND | ND | ND | ND |
| cis-linalool oxide | 1067 | 2.38 | 1.09 | 0.95 | 0.42 | 0.28 |
| trans-linalool oxide | 1079 | 1.07 | 0.54 | 0.50 | 0.19 | 0.12 |
| trans-limonene oxide | 1124 | 0.04 | 0.03 | 0.02 | ND | ND |

*Origin: Yunlin County of Taiwan.

**Table A2. Equations for conversion of mmol/L to mg/dL**

*For conversion of TG*,

$$mmol/L \times 88.57 = mg/dL \quad \text{.....1}$$

*For conversion of* total, LDL, HDL,

$$mmol/L \times 38.67 = mg/dL \quad \text{.....2}$$