APPENDIX A: literature search terms

The purpose was to find all relevant studies that provide empirical evidence supporting inhibition or activation of RA signaling leading to urogenital malformations in both males and females.

Exact search terms (Pubmed 3.2.21):

Search 1: 65 entries

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
(“Male Urogenital Diseases”[MeSH Terms] OR “Female Urogenital Diseases”[MeSH Terms])

Search 2: 34 entries

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
“toxic actions”[MeSH Terms]

99 records totals with 2 duplications.

Literature search strategy (PubMed; 14.01.20):

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD”[tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
Search 1: 267 results

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
(“Male Urogenital Diseases”[MeSH Terms] OR “Female Urogenital Diseases”[MeSH Terms])
Search 2: 594 results

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
(“Male Urogenital Diseases”[MeSH Terms] OR “Female Urogenital Diseases”[MeSH Terms])
Search 3: 65 results

Literature search strategy (PubMed; 02.02.20):

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
(“Male Urogenital Diseases”[MeSH Terms] OR “Female Urogenital Diseases”[MeSH Terms])
AND
“endocrine disruptors”[MeSH Terms]
Search 4: 0 results

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
“endocrine disruptors”[MeSH Terms]
Search 5: 6 results (3 relevant)

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
“toxic actions”[MeSH Terms]
Search 6: 34 results

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND

("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
“toxic actions”[MeSH Terms]
AND
(“Male Urogenital Diseases”[MeSH Terms] OR “Female Urogenital Diseases”[MeSH Terms])
Search 7: 2 results

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
“agrochemicals”[MeSH Terms]
Search 8: 1 result (relevant)

("Retinoid"[tiab] OR "retinoic acid"[tiab] OR "retinoids"[MeSH Terms] OR “VAD” [tiab])
AND
("Fetal"[tiab] OR "embryonic"[tiab] OR "Embryonic and Fetal Development"[MeSH Terms] OR “Pregnancy”[MeSH Terms])
AND
("reproduction"[tiab] OR "testis"[tiab] OR "ovary"[tiab] OR “gametogenesis”[MeSH Terms] OR “Urogenital System”[MeSH Terms])
AND
("rats"[MeSH Terms] OR "mice"[MeSH Terms] OR "humans"[MeSH Terms])
AND
(“endocrine disruptors”[MeSH Terms] OR “agrochemicals”[MeSH Terms])
Search 9: 7 results (all found in Searches 3+6)

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