Fetal and neonatal adverse drug reactions associated with biologics taken during pregnancy by women with autoimmune diseases: insights from an analysis of the World Health Organization pharmacovigilance database (VigiBase®).

BioDrugs

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Table S1: Preferred terms of the "Pregnancy and neonatal topics" SMQ

Congenital, familial and genetic disorders
11-beta-hydroxylase deficiency
17,20-desmolase deficiency
17-alpha-hydroxylase deficiency
18q minus syndrome
1p36 deletion syndrome
20,22-desmolase deficiency
21-hydroxylase deficiency
22q11.2 deletion syndrome
2-Hydroxyglutaric aciduria
3-hydroxyacetyl-coenzyme A dehydrogenase deficiency
3M syndrome
5-alpha-reductase deficiency
Aase syndrome
Abdominal transposition
Abdominal wall anomaly
Aberrant aortic arch
Abetalipoproteinaemia
Ablepharon macrostomia syndrome
Abnormal DNA methylation
Abnormal palmar/plantar creases
ABO haemolytic disease of newborn
ACAD9 deficiency
Accessory auricle
Accessory breast
Accessory carpal bone
Accessory kidney
Accessory liver lobe
Accessory muscle
Accessory navicular syndrome
Accessory renal artery
Accessory salivary gland
Accessory spleen
Acetylcholinesterase deficiency
Achard Thiers syndrome
Achromotrichia congenital
Acquired chromosomal abnormality
Acquired gene mutation
Acquired mitochondrial DNA deletion
Acquired mitochondrial DNA mutation
Acral peeling skin syndrome
Acrocallosal syndrome
Acrocephalosyndactyly
Acrodermatitis enteropathica
Acrodysostosis
Acrokeratosis verruciformis
Acromesomelic dysplasia
Acromicric dysplasia
Activated PI3 kinase delta syndrome
Adactyly
Adams-Oliver syndrome
ADCY5-related dyskinesia
Adenine phosphoribosyl transferase deficiency
Adenomatous polyposis coli
Adenylosuccinate lyase deficiency
ADNP syndrome

Adrenal insufficiency neonatal
Adrenogenital syndrome
Adrenoleukodystrophy
ADSL gene mutation
Adult polyglucosan body disease
Aglossia
Aicardi-Goutieres syndrome
Aicardi's syndrome
AIDS dysmorphic syndrome
Alagille syndrome
Albinism
Albright's disease
Alexander disease
Alkaptonuria
Allan-Herndon-Dudley syndrome
Alpers disease
Alpha-1 antitrypsin deficiency
Alpha-mannosidosis
Alpha-thalassaemia-intellectual deficit syndrome
Alport's syndrome
Alstroem syndrome
Alternating hemiplegia of childhood
Alveolar capillary dysplasia
Amblyopia congenital
Amegakaryocytic thrombocytopenia
Aminoaciduria
Amniotic band syndrome
Amyotrophic lateral sclerosis gene carrier
Anal atresia
Anaplastic lymphoma kinase gene and nucleophosmin gene fusion overexpression
Anaplastic lymphoma kinase gene mutation
Andersen-Tawil syndrome
Androgen insensitivity syndrome
Androgen receptor gene overexpression
Anencephaly
Angelman's syndrome
Angiotensin converting enzyme inhibitor foetopathy
Aniridia
Aniridia-cerebellar ataxia-mental deficiency
Ankyloglossia congenital
Annular pancreas
Anodontia
Anomalous arrangement of pancreaticobiliary duct
Anomalous pulmonary venous connection
Anomaly of external ear congenital
Anomaly of middle ear congenital
Anomaly of orbit, congenital
Anophthalmos
Anorchism
Anorectal agenesis
Anorectal malformation
Anotia
Anterior chamber cleavage syndrome
Anterior displaced anus
Antithrombin III deficiency
Antley-Bixler syndrome
Aorta hypoplasia
Aortic valve atresia
Aorticopulmonary septal defect

Aphakia congenital
Aplasia
Aplasia cutis congenita
Apolipoprotein E e4 gene carrier
Apparent mineralocorticoid excess
Arachnodactyly
Arcuate foramen
Arginase deficiency
Argininosuccinate lyase deficiency
Argininosuccinate synthetase deficiency
Arnold-Chiari malformation
Aromatic L-amino acid decarboxylase deficiency
Arrhythmogenic right ventricular dysplasia
Arterial tortuosity syndrome
Arteriovenous malformation
ASAH1 related disorder
Ash leaf macule
Aspartate-glutamate-transporter deficiency
Aspartylglucosaminuria
Asphyxiating thoracic dystrophy
Asplenia
ASXL1 gene mutation
Asymmetric crying facies
Asymmetric thigh fold
Asymptomatic gene carrier
Ataxia telangiectasia
Atrial septal defect
Atrioventricular node dispersion
Atrioventricular septal defect
Auditory neuropathy spectrum disorder
Autoimmune lymphoproliferative syndrome
Autoinflammation with infantile enterocolitis
Autosomal chromosome anomaly
Autosomal recessive megaloblastic anaemia
Azygos lobe
Baller-Gerold syndrome
Baltic myoclonic epilepsy
Bannayan-Riley-Ruvalcaba syndrome
Baraitser Rodeck Garner syndrome
Barakat syndrome
Barth syndrome
Bartter's syndrome
Basal cell naevus syndrome
BCOR gene mutation
Becker's muscular dystrophy
Beckwith-Wiedemann syndrome
Benign congenital hypotonia
Benign familial haematuria
Benign familial neonatal convulsions
Benign familial pemphigus
Benjamin syndrome
Berdon's syndrome
Bergmeister's papilla
Bernard-Soulier syndrome
Beta ketothiolase deficiency
Bicuspid aortic valve
Bicuspid pulmonary valve
Bifid ureter
Biliary hamartoma

Biotinidase deficiency
Birth mark
Birt-Hogg-Dube syndrome
Bladder agenesis
Blau syndrome
Blepharophimosis congenital
Blindness congenital
Bloch-Sulzberger syndrome
Block vertebra
Blood incompatibility haemolytic anaemia of newborn
Bloom syndrome
BLyS polymorphism
Bosch-Boonstra-Schaaf optic atrophy syndrome
BPES syndrome
Brachycephaly
Brachydactyly
Brachymetatarsia
Brachyolmia
BRAF gene mutation
Brain malformation
Branchial cleft sinus
Branchial cyst
Branchiogenic syndrome
Branchio-oto-renal syndrome
BRCA1 gene mutation
BRCA2 gene mutation
Breast malformation
Bronchial atresia
Bronchogenic cyst
Brown-Vialetto-Van Laere syndrome
Brunner syndrome
Bruton's agammaglobulinaemia
Bulbospinal muscular atrophy congenital
Buried penis syndrome
CADASIL
CALR gene mutation
Campomelic syndrome
Camptodactyly congenital
Camptodactyly-arthropathy-coxa vara-pericarditis syndrome
Camptomelia
Canavan disease
Cancer gene carrier
CANDLE syndrome
CARASIL syndrome
Carbamoyl phosphate synthetase deficiency
Carbohydrate metabolism disorder
Carbonic anhydrase gene mutation
Carcinogenic effect in offspring
CARD9 deficiency
Cardiac lymphangioma
Cardiac malposition
Cardiac septal defect
Cardiofaciocutaneous syndrome
Carney complex
Carnitine palmitoyltransferase deficiency
Carnitine-acylcarnitine translocase deficiency
Carpenter syndrome
Carpus curvus
Cartilage-hair hypoplasia

Cataract congenital
Catel Manzke syndrome
Caudal regression syndrome
Cayler cardiofacial syndrome
CBL gene mutation
CDKL5 deficiency disorder
CEBPA gene mutation
CEC syndrome
Central core disease
Central nervous system dermoid tumour
Cerebellar dysplasia
Cerebellar hypoplasia
Cerebral arteriovenous malformation haemorrhagic
Cerebral atrophy congenital
Cerebral cavernous malformation
Cerebral dysgenesis
Cerebral palsy
Cerebrohepatorenal syndrome
Cerebrovascular arteriovenous malformation
Cervical auricle
CFTR gene mutation
CHARGE syndrome
Checkpoint kinase 2 gene mutation
Chediak-Higashi syndrome
Chiari network
CHILD syndrome
Chimerism
Choanal atresia
Choanal stenosis
Cholangiectasis congenital
Choledochal cyst
Chondrodystrophy
Chondroectodermal dysplasia
Chordee
Chorea-acanthocytosis
Chorioretinal degeneration congenital
Choroidal coloboma
Chromosomal deletion
Chromosomal mutation
Chronic granulomatous disease
Chronic infantile neurological cutaneous and articular syndrome
Citrate transporter deficiency
C-kit gene mutation
C-kit gene overexpression
Cleft lip
Cleft lip and palate
Cleft palate
Cleft uvula
Cleidocranial dysostosis
Clinodactyly
Cloacal exstrophy
Coagulation factor mutation
Coarctation of the aorta
Cobb syndrome
Cockayne's syndrome
Coffin Siris syndrome
Coffin-Lowry syndrome
Cohen syndrome
Collodion baby

Coloboma
Colour blindness
Combined immunodeficiency
Complement deficiency disease
Cone dystrophy
Cone-rod dystrophy
Confined placental mosaicism
Congenital abdominal hernia
Congenital absence of bile ducts
Congenital absence of cranial vault
Congenital absence of vertebra
Congenital acrochordon
Congenital adrenal gland hypoplasia
Congenital amputation
Congenital anaemia
Congenital androgen deficiency
Congenital anomalies of ear ossicles
Congenital anomaly
Congenital anomaly in offspring
Congenital anomaly of adrenal gland
Congenital anomaly of inner ear
Congenital anosmia
Congenital aortic anomaly
Congenital aortic atresia
Congenital aortic dilatation
Congenital aortic stenosis
Congenital aortic valve incompetence
Congenital aortic valve stenosis
Congenital aplastic anaemia
Congenital aqueductal stenosis
Congenital arterial malformation
Congenital arterial occlusion
Congenital arteriovenous fistula
Congenital astigmatism
Congenital aural fistula
Congenital benign neoplasm
Congenital bilateral perisylvian syndrome
Congenital bladder anomaly
Congenital bladder diverticulum
Congenital bladder neck obstruction
Congenital bowing of long bones
Congenital brain damage
Congenital bronchiectasis
Congenital bronchomalacia
Congenital calyceal diverticulum
Congenital cardiovascular anomaly
Congenital carnitine deficiency
Congenital central diabetes insipidus
Congenital central hypoventilation syndrome
Congenital central nervous system anomaly
Congenital cerebellar agenesis
Congenital cerebral cyst
Congenital cerebral haemangioma
Congenital cerebrovascular anomaly
Congenital choroid plexus cyst
Congenital choroidal anomaly
Congenital chylothorax
Congenital clavicular agenesis
Congenital claw toe

Congenital coagulopathy
Congenital condyloma
Congenital corneal anomaly
Congenital coronary artery malformation
Congenital COVID-19
Congenital cranial nerve paralysis
Congenital cutis laxa
Congenital cyst
Congenital cystic kidney disease
Congenital cystic lung
Congenital cytomegalovirus infection
Congenital deformity of clavicle
Congenital dengue disease
Congenital dermal sinus
Congenital diaphragmatic anomaly
Congenital diaphragmatic eventration
Congenital diaphragmatic hernia
Congenital disorder of glycosylation
Congenital dyserythropoietic anaemia
Congenital dysfibrinogenaemia
Congenital dyskeratosis
Congenital Ebola virus infection
Congenital ectodermal dysplasia
Congenital ectopic bladder
Congenital ectopic pancreas
Congenital elevation of scapula
Congenital emphysema
Congenital endocrine anomaly
Congenital epiblepharon
Congenital epiglottal anomaly
Congenital Eustachian tube anomaly
Congenital eye disorder
Congenital eye naevus
Congenital eyelid malformation
Congenital facial nerve hypoplasia
Congenital fallopian tube anomaly
Congenital fibrosarcoma
Congenital flaccid paralysis
Congenital flat feet
Congenital floppy infant
Congenital foot malformation
Congenital gastric anomaly
Congenital gastrointestinal vessel anomaly
Congenital generalised lipodystrophy
Congenital genital malformation
Congenital genital malformation female
Congenital genital malformation male
Congenital genitourinary abnormality
Congenital great vessel anomaly
Congenital growth hormone deficiency
Congenital haematological disorder
Congenital hair disorder
Congenital hand malformation
Congenital hearing disorder
Congenital heart valve disorder
Congenital heart valve incompetence
Congenital hemiparesis
Congenital hepatic fibrosis
Congenital hepatitis B infection

Congenital hepatitis C infection
Congenital hepatobiliary anomaly
Congenital hepatomegaly
Congenital herpes simplex infection
Congenital hiatus hernia
Congenital high airway obstruction syndrome
Congenital HIV infection
Congenital Horner's syndrome
Congenital hydrocele renalis
Congenital hydrocephalus
Congenital hydronephrosis
Congenital hypercoagulation
Congenital hyperextension of knee
Congenital hyperextension of spine
Congenital hyperinsulinaemic hypoglycaemia
Congenital hyperthyroidism
Congenital hypertrichosis
Congenital hypogammaglobulinaemia
Congenital hypogonadotropic hypogonadism
Congenital hypoparathyroidism
Congenital hypoplasia of depressor angularis oris muscle
Congenital hypothyroidism
Congenital hypotransferrinaemia
Congenital infection
Congenital inguinal hernia
Congenital intestinal malformation
Congenital intestinal obstruction
Congenital intrinsic factor deficiency
Congenital iris anomaly
Congenital jaw malformation
Congenital joint malformation
Congenital knee deformity
Congenital knee dislocation
Congenital kyphoscoliosis
Congenital labia pudendi adhesions
Congenital lacrimal gland anomaly
Congenital lacrimal passage anomaly
Congenital large intestinal atresia
Congenital laryngeal stridor
Congenital lenticonus
Congenital limb hyperextension
Congenital lip fistula
Congenital LUMBAR syndrome
Congenital lymphatic dysplasia
Congenital lymphoedema
Congenital malaria
Congenital malignant neoplasm
Congenital megacolon
Congenital megaureter
Congenital melanocytic naevus
Congenital melanosis
Congenital methaemoglobinaemia
Congenital midline defect
Congenital mitochondrial cytopathy
Congenital mitral valve incompetence
Congenital mitral valve stenosis
Congenital monorchidism
Congenital multiplex arthrogryposis
Congenital muscle absence

Congenital musculoskeletal anomaly
Congenital myasthenic syndrome
Congenital myopathy
Congenital myopia
Congenital naevus
Congenital nail disorder
Congenital nasal septum deviation
Congenital neoplasm
Congenital nephrogenic diabetes insipidus
Congenital nephrotic syndrome
Congenital neurological degeneration
Congenital neurological disorder
Congenital neuropathy
Congenital night blindness
Congenital nipple anomaly
Congenital nipple inversion
Congenital nose malformation
Congenital nystagmus
Congenital oculomotor apraxia
Congenital oesophageal anomaly
Congenital oesophageal stenosis
Congenital oesophageal web
Congenital optic nerve anomaly
Congenital oral malformation
Congenital osteodystrophy
Congenital ovarian anomaly
Congenital oxalosis
Congenital pancreatic anomaly
Congenital perforated nasal septum
Congenital pharyngeal anomaly
Congenital pigmentation disorder
Congenital pneumonia
Congenital poikiloderma
Congenital pseudarthrosis
Congenital pulmonary artery anomaly
Congenital pulmonary hypertension
Congenital pulmonary valve atresia
Congenital pulmonary valve disorder
Congenital pyelocaliectasis
Congenital renal cyst
Congenital renal disorder
Congenital retinoblastoma
Congenital rubella infection
Congenital rubella syndrome
Congenital salivary gland anomaly
Congenital scleral disorder
Congenital scoliosis
Congenital scrotal hypertrophy
Congenital skin dimples
Congenital skin disorder
Congenital small intestinal atresia
Congenital spinal cord anomaly
Congenital spinal fusion
Congenital spinal stenosis
Congenital spondylolisthesis
Congenital spondylolysis
Congenital supraventricular tachycardia
Congenital syphilis
Congenital syphilitic encephalitis

Congenital syphilitic meningitis
Congenital syphilitic osteochondritis
Congenital teratoma
Congenital thrombocyte disorder
Congenital thrombocytopenia
Congenital thymus absence
Congenital thyroid disorder
Congenital tongue anomaly
Congenital torticollis
Congenital toxoplasmosis
Congenital tracheomalacia
Congenital trichomegaly
Congenital tricuspid valve atresia
Congenital tricuspid valve incompetence
Congenital tricuspid valve stenosis
Congenital tuberculosis
Congenital umbilical hernia
Congenital ureteric anomaly
Congenital ureterocele
Congenital ureteropelvic junction obstruction
Congenital ureterovesical junction anomaly
Congenital urethral anomaly
Congenital urinary tract obstruction
Congenital uterine anomaly
Congenital vaginal cyst
Congenital varicella infection
Congenital varicocele
Congenital vas deferens absence
Congenital vesicoureteric reflux
Congenital viral hepatitis
Congenital visual acuity reduced
Congenital vitreous anomaly
Congenital white blood cell disorder
Congenital Zika syndrome
Conjoined twins
Conjunctivitis gonococcal neonatal
Connective tissue dysplasia
Conradi-Huenermann syndrome
Constricted ear deformity
COPA syndrome
Cor biloculare
Cor triatriatum
Corneal dystrophy
Corneal opacity congenital
Cornelia de Lange syndrome
Corrected transposition of great vessels
Cortical dysplasia
Costello syndrome
Cowden's disease
Craniofacial deformity
Craniofacial dysostosis
Craniolacunia
Craniorachischisis
Craniosynostosis
Craniotabes
Creatine deficiency syndrome
Cri du Chat syndrome
Crigler-Najjar syndrome
Cryopyrin associated periodic syndrome

Cryptophthalmos
Cryptorchism
Cryptotia
CTLA4 deficiency
Currarino syndrome
Cutaneovisceral angiomatosis with thrombocytopenia
Cyclopia
CYP1A2 polymorphism
CYP2B6 polymorphism
CYP2C19 polymorphism
CYP2C9 polymorphism
CYP2D6 polymorphism
CYP3A4 polymorphism
CYP3A5 polymorphism
Cystathionine beta-synthase deficiency
Cystic angiomatosis
Cystic eyeball, congenital
Cystic fibrosis
Cystic fibrosis carrier
Cystic fibrosis gastrointestinal disease
Cystic fibrosis hepatic disease
Cystic fibrosis lung
Cystic fibrosis pancreatic
Cystic fibrosis related diabetes
Cystic lymphangioma
Cystinosis
Cystinuria
Cytogenetic abnormality
Dacryocystocoele
Dacryostenosis congenital
Dandy-Walker syndrome
DDX3X syndrome
De Barsy syndrome
Deaf mutism
Deafness congenital
Deficiency of the interleukin-1 receptor antagonist
Deficiency of the interleukin-36 receptor antagonist
Delayed foetal renal development
Delta-beta thalassaemia
Dentatorubral-pallidoluysian atrophy
Dentofacial anomaly
Dent's disease
Denys-Drash syndrome
Dermatofibrosis lenticularis disseminata
Dermatoglyphic anomaly
Dermoid cyst
Desmin myopathy
Developmental glaucoma
Developmental hip dysplasia
Dextrocardia
Diabetic foetopathy
Diaphragmatic aplasia
Diastematomyelia
Diastrophic dysplasia
Diencephalic syndrome of infancy
Diethylstilboestrol syndrome
DiGeorge's syndrome
Dihydropyrimidine dehydrogenase deficiency
Dilatation intrahepatic duct congenital

Disorder of sex development
Disseminated neonatal herpes simplex
Distichiasis
Diverticulitis Meckel's
Diverticulum of pharynx, congenital
DNA mismatch repair protein gene mutation
DNMT3A gene mutation
Dolichocephaly
Dolichocolon
Donohue syndrome
DOOR syndrome
Dopa-responsive dystonia
Double cortex syndrome
Double heterozygous sickling disorders
Double inlet left ventricle
Double outlet left ventricle
Double outlet right ventricle
Double ureter
Dowling-Degos disease
Duane's syndrome
Dubin-Johnson syndrome
Dubowitz syndrome
Duchenne muscular dystrophy
Duchenne muscular dystrophy gene carrier
Ductus arteriosus premature closure
Ductus arteriosus stenosis foetal
Ductus venosus agenesis
Duodenal atresia
Duplex appendix
Duplication of inferior vena cava
Dyke-Davidoff-Masson syndrome
Dyschondrosteosis
Dyschromatosis
Dysgnathia
Dysmorphism
Dysmyelination
Dysplastic naevus syndrome
Eagle Barrett syndrome
Ear malformation
Early onset familial Alzheimer's disease
Early onset primary dystonia
Ebstein's anomaly
Ectonucleotide pyrophosphatase/phosphodiesterase 1 deficiency
Ectopia cordis
Ectopic kidney
Ectopic ovary
Ectopic posterior pituitary gland
Ectopic thyroid
Ectopic ureter
Ectrodactyly
EGFR gene mutation
EGFR gene overexpression
Ehlers-Danlos syndrome
Elbow synostosis
Elliptocytosis hereditary
Ellis-van Creveld syndrome
Emanuel syndrome
Emery-Dreifuss muscular dystrophy
Encephalocele

Encephalocutaneous angiomatosis
Endocardial fibroelastosis
Endothelial protein C receptor polymorphism
Enteric duplication
Entropion congenital
Epidermal naevus
Epidermal naevus syndrome
Epidermolysis
Epidermolysis bullosa
Epilepsy congenital
Epilepsy with myoclonic-atonic seizures
Epispadias
Erythroblastosis foetalis
Erythrokeratodermia variabilis
Essential fructosuria
Exomphalos
Exophthalmos congenital
External auditory canal atresia
Extrarenal pelvis
Eye anterior chamber congenital anomaly
Eyelid ptosis congenital
EZH2 gene mutation
Fabry's disease
Faciodigitogenital dysplasia
Facioscapulohumeral muscular dystrophy
Factor I deficiency
Factor II deficiency
Factor II mutation
Factor III deficiency
Factor IX deficiency
Factor V deficiency
Factor V Leiden carrier
Factor V Leiden mutation
Factor VII deficiency
Factor VIII deficiency
Factor X deficiency
Factor XI deficiency
Factor XII deficiency
Factor XIII deficiency
Fallot's pentalogy
Fallot's tetralogy
Fallot's trilogy
Familial acromegaly
Familial amyloidosis
Familial amyotrophic lateral sclerosis
Familial cold autoinflammatory syndrome
Familial gigantiform cementoma
Familial glucocorticoid deficiency
Familial haemophagocytic lymphohistiocytosis
Familial hemiplegic migraine
Familial high density lipoprotein deficiency
Familial hypertriglyceridaemia
Familial hypocalciuric hypercalcaemia
Familial infantile bilateral striatal necrosis
Familial isolated hyperparathyroidism
Familial mediterranean fever
Familial medullary thyroid cancer
Familial multiple lipomatosis
Familial periodic paralysis

Familial polycythaemia
Familial renal glycosuria
Familial scaphocephaly syndrome
Familial tremor
Fanconi syndrome
Fatal familial insomnia
Fatty acid oxidation disorder
Femoral anteversion
Femoral facial syndrome
Femoral retroversion
Femur-fibula-ulna complex
Fibrodysplasia ossificans progressiva
Fibromatosis colli of infancy
Fibrous dysplasia of bone
Fibrous dysplasia of jaw
Fibula agenesis
Filippi syndrome
Fissure of tongue, congenital
Floating-Harbor syndrome
FLT3 gene mutation
Foetal alcohol syndrome
Foetal anticonvulsant syndrome
Foetal chromosome abnormality
Foetal cystic hygroma
Foetal malformation
Foetal megacystis
Foetal methotrexate syndrome
Foetal retinoid syndrome
Foetal warfarin syndrome
Foramen magnum stenosis
Fountain syndrome
Fragile X carrier
Fragile X syndrome
Fraser syndrome
Frasier syndrome
Freeman-Sheldon syndrome
Frenulum breve
Friedreich's ataxia
Fructose-1,6-bisphosphatase deficiency
Fryns syndrome
Galactosaemia
Galactosialidosis
Gallbladder agenesis
Gallbladder anomaly congenital
Gap junction protein beta 2 gene mutation
Gastrointestinal arteriovenous malformation
Gastrointestinal disorder congenital
Gastrointestinal malformation
Gastroschisis
Gatad2b associated neurodevelopmental disorder
Gaucher's disease
Gaucher's disease type I
Gaucher's disease type II
Gaucher's disease type III
Gene mutation
Generalised resistance to thyroid hormone
Genetic polymorphism
Genitalia external ambiguous
Gilbert's syndrome

Gitelman's syndrome
Glanzmann's disease
Glucose transporter type 1 deficiency syndrome
Glucose-6-phosphate dehydrogenase deficiency
Glucose-galactose malabsorption
Glutathione synthetase deficiency
Glycogen storage disease type I
Glycogen storage disease type II
Glycogen storage disease type III
Glycogen storage disease type IV
Glycogen storage disease type IX
Glycogen storage disease type V
Glycogen storage disease type VI
Glycogen storage disease type VII
Glycogen storage disease type VIII
Glycogen storage disorder
GM2 gangliosidosis
Gnathoschisis
GNE myopathy
Goitre congenital
Gollop-Wolfgang complex
Gonadal dysgenesis
Gorham's disease
GRACILE syndrome
Greig's syndrome
Grey matter heterotopia
Griscelli syndrome
Haemangioma congenital
Haemangioma of retina
Haemochromatosis trait
Haemoglobin C disease
Haemoglobin C trait
Haemoglobin D disease
Haemoglobin D trait
Haemoglobin E disease
Haemoglobin E trait
Haemoglobin E-thalassaemia disease
Haemoglobin Lepore trait
Haemoglobinopathy
Haemophilia
Haemophilia A with anti factor VIII
Haemophilia A without inhibitors
Haemophilia B with anti factor IX
Haemophilia B without inhibitors
Haemophilia carrier
Haemorrhagic arteriovenous malformation
Hamartoma
Hamartoma vascular
Hand-foot-genital syndrome
Harlequin foetus
Hartnup disease
Heart block congenital
Heart disease congenital
Hemihypertrophy
Hemimegalencephaly
Hemivertebra
Hepatic arteriovenous malformation
Hepatic hamartoma
Hepato-lenticular degeneration

HER2 gene amplification
HER2 protein overexpression
Hereditary angioedema
Hereditary angioedema with C1 esterase inhibitor deficiency
Hereditary angioedema with normal C1 esterase inhibitor
Hereditary areflexic dystasia
Hereditary ataxia
Hereditary cerebral degeneration
Hereditary choroidal dystrophy
Hereditary disorder
Hereditary fructose intolerance
Hereditary haemochromatosis
Hereditary haemolytic anaemia
Hereditary haemorrhagic telangiectasia
Hereditary hypophosphataemic rickets
Hereditary leiomyomatosis renal cell carcinoma
Hereditary motor and sensory neuropathy
Hereditary motor neurone disease
Hereditary multiple osteochondromas
Hereditary neuropathic amyloidosis
Hereditary neuropathy with liability to pressure palsies
Hereditary non-polyposis colorectal cancer syndrome
Hereditary optic atrophy
Hereditary palmoplantar keratoderma
Hereditary pancreatitis
Hereditary papillary renal carcinoma
Hereditary renal microhaematuria
Hereditary retinal dystrophy
Hereditary sideroblastic anaemia
Hereditary spastic paraplegia
Hereditary spherocytosis
Hereditary stomatocytosis
HERG gene mutation
Heritable pulmonary arterial hypertension
Hermansky-Pudlak syndrome
Hermaphroditism
Hernia congenital
Heterochromia iridis
Heterotaxia
Hexokinase deficiency anaemia
High arched palate
Hollow visceral myopathy
Holoprosencephaly
Holt-Oram syndrome
Homocystinaemia
Homocystinuria
Hooded prepuce
H-ras gene mutation
Huntington's disease
Hydranencephaly
Hydrocele
Hydroxyprolinaemia
Hyper IgD syndrome
Hyper IgE syndrome
Hyper IgM syndrome
Hyperexplexia
Hyperglycinaemia
Hyperlysinaemia
Hypermethioninaemia

Hypermethioniuria
Hypermutation
Hyperornithinaemia-hyperammonaemia-homocitrullinuria syndrome
Hyperphenylalaninaemia
Hyperpipecolic acidaemia
Hyperprolinaemia
Hypersplenism congenital
Hypertelorism
Hypertrophic cardiomyopathy
Hypocalvaria
Hypochondroplasia
Hypodontia
Hypomelanosis of Ito
Hypophosphatasia
Hypopituitarism foetal
Hypoplastic left heart syndrome
Hypoplastic nasal cartilage
Hypoplastic right heart syndrome
Hypospadias
Hypotelorism of orbit
Hypothalamic hamartoma
Hypotonia-cystinuria syndrome
Hypoxanthine-guanine phosphoribosyl transferase deficiency
Ichthyosis
Ileal atresia
Immunodeficiency congenital
Imperforate hymen
Imperforate oesophagus
Inborn error in primary bile acid synthesis
Inborn error of amino acid metabolism
Inborn error of bilirubin metabolism
Inborn error of lipid metabolism
Inborn error of metabolism
Infantile cortical hyperostosis
Infantile fibromatosis
Infantile genetic agranulocytosis
Infantile septic granulomatosis
Inherited cardiac conduction disorder
Inherited otosclerosis
Iniencephaly
Interferon gamma receptor deficiency
Interleukin 28B polymorphism
Interruption of aortic arch
Intestinal atresia
Intestinal malrotation
Intestinal neuronal dysplasia
Intestinal transposition
Intracranial arterial fenestration
Intracranial lipoma
IPEX syndrome
Iris coloboma
Iris hamartoma
Isocitrate dehydrogenase gene mutation
Isodicentric chromosome 15 syndrome
Isovaleric acidaemia
JAG1 gene mutation
Janus kinase 2 mutation
Johanson-Blizzard syndrome
Joubert syndrome

Juvenile Paget's disease
Kabuki make-up syndrome
Kaufman-McKusick syndrome
KBG syndrome
Kearns-Sayre syndrome
Kenny-Caffey syndrome
Keratitis-ichthyosis-deafness syndrome
Keratolysis exfoliativa congenital
Keratosis follicular
Kidney duplex
Kidney malformation
Kidney malrotation
Kimmerle's anomaly
Kinematic imbalances due to suboccipital strain
Kleefstra syndrome
Klinefelter's syndrome
Klippel-Feil syndrome
Klippel-Trenaunay syndrome
KMT2A gene mutation
Kniest dysplasia
Kommerell's diverticulum
Kosaki overgrowth syndrome
Krabbe's disease
K-ras gene mutation
Kyphosis congenital
Laband syndrome
Labial tie
Labrune syndrome
Lacrimal punctum agenesis
Lacrimo-auriculo-dento-digital syndrome
Laevocardia
Lafora's myoclonic epilepsy
Lamin A/C gene mutation
Langer-Giedion syndrome
Laron syndrome
Larsen syndrome
Laryngeal cleft
Laryngeal web
Laryngocele
Laryngomalacia
Laryngo-onycho-cutaneous syndrome
Laurence-Moon-Bardet-Biedl syndrome
LDLR mutation
Leber's congenital amaurosis
Lecithin-cholesterol acyltransferase deficiency
Left ventricle outflow tract obstruction
Left ventricular false tendon
Left-to-right cardiac shunt
Lens abnormality, congenital
Leptin receptor deficiency
Leukocyte adhesion deficiency type I
Leukodystrophy
Lichen spinulosus
Liddle's syndrome
Li-Fraumeni syndrome
Limb hypoplasia congenital
Limb malformation
Limb reduction defect
Lipid proteinosis

Lipidosis
Lipodermoid tumour
Lipomeningocele
Lissencephaly
Loeys-Dietz syndrome
Long QT syndrome congenital
Long-chain acyl-coenzyme A dehydrogenase deficiency
Loose anagen syndrome
Low set ears
Lown-Ganong-Levine syndrome
Lowry-Wood syndrome
Lumbarisation
Lymphangiectasia intestinal congenital
Lysinuric protein intolerance
Lysosomal acid lipase deficiency
Macrocephaly
Macrocheilia
Macrocornea
Macrodactyly
Macrogenia
Macroglossia
Macrognathia
Macrostomia
Macrotia
Macular dystrophy congenital
Majeed's syndrome
Malformation biliary
Malformation venous
Mandibulofacial dysostosis
Mannose-binding lectin deficiency
Maple syrup disease
Marcus Gunn syndrome
Marfan's syndrome
Maxillonasal dysplasia
Mayer-Rokitansky-Kuster-Hauser syndrome
Mazabraud's syndrome
McLeod neuroacanthocytosis syndrome
Medium-chain acyl-coenzyme A dehydrogenase deficiency
Meier-Gorlin syndrome
Melanocortin 4 receptor deficiency
MELAS syndrome
Melkersson-Rosenthal syndrome
Membranous lipodystrophy
Meningocele
Meningomyelocele
Menkes' syndrome
Mesoblastic nephroma
Mesonephric duct cyst
Metabolic myopathy
Metachromatic leukodystrophy
Metaphyseal dysplasia
Metatarsus primus varus
Metatropic dysplasia
Methylenetetrahydrofolate reductase deficiency
Methylenetetrahydrofolate reductase gene mutation
Methylenetetrahydrofolate reductase polymorphism
Methylmalonic aciduria
Mevalonate kinase deficiency
Mevalonic aciduria

Microcephaly
Microcheilia
Microcolon
Microcornea
Microencephaly
Microgenia
Microglossia
Micrognathia
Microorchidism
Micropenis
Microphthalmos
Microstomia
Microtia
Microvillous inclusion disease
Mismatch repair cancer syndrome
Mitochondrial cardiomyopathy
Mitochondrial DNA deletion
Mitochondrial DNA depletion
Mitochondrial DNA duplication
Mitochondrial DNA mutation
Mitochondrial encephalomyopathy
Mitochondrial enzyme deficiency
Mitochondrial hepatopathy
Mitochondrial myopathy
Mitochondrial neurogastrointestinal encephalopathy
Mitral valve atresia
Mitral valve hypoplasia
Mittendorf dot
MLASA syndrome
Mobile caecum syndrome
Moebius II syndrome
Molybdenum cofactor deficiency
Monolid eyes
Monopodia
Morgagni-Stewart-Morel syndrome
Morning glory syndrome
Morton's syndrome
Mosaicism
Mount-Reback syndrome
MPL gene mutation
Muckle-Wells syndrome
Mucolipidosis
Mucolipidosis type I
Mucolipidosis type II
Mucolipidosis type III
Mucolipidosis type IV
Mucopolysaccharidosis
Mucopolysaccharidosis I
Mucopolysaccharidosis II
Mucopolysaccharidosis III
Mucopolysaccharidosis IV
Mucopolysaccharidosis IX
Mucopolysaccharidosis V
Mucopolysaccharidosis VI
Mucopolysaccharidosis VII
Muir-Torre syndrome
Multiple carboxylase deficiency
Multiple cardiac defects
Multiple congenital abnormalities

Multiple cutaneous and uterine leiomyomatosis
Multiple endocrine neoplasia
Multiple endocrine neoplasia Type 1
Multiple endocrine neoplasia Type 2
Multiple endocrine neoplasia Type 2A
Multiple endocrine neoplasia Type 2B
Multiple epiphyseal dysplasia
Multiple gastrointestinal atresias
Multiple lentigines syndrome
Muscular dystrophy
Mutagenic effect
Myeloperoxidase deficiency
MYH9-related disease
Myocardial bridging
Myoclonic dystonia
Myoclonic epilepsy and ragged-red fibres
Myotonia congenita
Myotonic dystrophy
N-acetylglutamate synthase deficiency
Naevus anaemicus
Naevus flammeus
Naevus spider congenital
Nager syndrome
Nail aplasia
Nail-patella syndrome
Nasopharyngeal atresia
NAT1 polymorphism
NAT2 polymorphism
Neonatal alloimmune thrombocytopenia
Neonatal haemochromatosis
Neonatal leukaemia
Neonatal lupus erythematosus
Netherton's syndrome
Neural tube defect
Neuroacanthocytosis
Neurodegeneration with brain iron accumulation disorder
Neurofibromatosis
Neuronal ceroid lipofuscinosis
Neuronal migration disorder
Neuropathy, ataxia, retinitis pigmentosa syndrome
Neutrophil Fc gamma RIIIb deficiency
Newborn persistent pulmonary hypertension
Niemann-Pick disease
Nievergelt-Pearlman syndrome
Nijmegen breakage syndrome
Non-compaction cardiomyopathy
Noonan syndrome
Norrie's disease
NPM1 gene mutation
NR5A1 gene mutation
N-ras gene mutation
NTRK gene fusion overexpression
NUT gene mutation
Ocular albinism
Oculoauriculovertebral dysplasia
Oculocerebrorenal syndrome
Oculodentodigital dysplasia
Oculopharyngeal dystrophy
Odontogenic cyst

Odontoma
Oesophageal atresia
Oesophageal cyst
Oestrogen receptor gene overexpression
Ogden syndrome
OHVIRA syndrome
Olfacto genital dysplasia
Olfactory nerve agenesis
Olmsted syndrome
Omenn syndrome
Opitz trigonocephaly syndrome
Opitz-G/BBB syndrome
Optic disc pit
Optic nerve hypoplasia
Oral-facial-digital syndrome type II
Ornithine transcarbamoylase deficiency
Oroticaciduria congenital
Os trigonum
Osteogenesis imperfecta
Osteopathia striata
Osteopetrosis
Osteopoikilosis
Osteoporosis-pseudoglioma syndrome
Ota's naevus
Otocephaly
Otopalatodigital spectrum disorder
Otospondylomegaepiphyseal dysplasia
Ovarian agenesis
Ovarian hypoplasia
Oxycephaly
Pachydermoperiostosis
Pachygyria
Pachyonychia congenita
Pallister W syndrome
Pallister-Killian syndrome
Pancreas divisum
Papillon-Lefevre syndrome
PAPSS2 gene mutation
Parachute mitral valve
Paranasal sinus aplasia
Paranasal sinus hypoplasia
Parkes-Weber syndrome
Paroxysmal extreme pain disorder
Patent ductus arteriosus
Pearson's syndrome
Pectus carinatum
Pectus excavatum
Pelizaeus-Merzbacher disease
Pelvic kidney
Pendred syndrome
Penile torsion
Penoscrotal fusion
Penoscrotal transposition
Penta X syndrome
Periodontal congenital anomaly
Perry syndrome
Persistent cloaca
Persistent foetal circulation
Persistent left superior vena cava

Persistent Muellerian duct syndrome
Persistent pupillary membrane
Persistent urogenital sinus
Peutz-Jeghers syndrome
Pfeiffer syndrome
PHACES syndrome
Phakomatosis
Phalangeal agenesis
Phalangeal hypoplasia
Phelan-McDermid syndrome
Phenylketonuria
Phimosis
Phytosterolaemia
Piebaldism
PIK3CA related overgrowth spectrum
PIK3CA-activated mutation
Pilonidal cyst congenital
Plagiocephaly
Plasminogen activator inhibitor polymorphism
Plasminogen activator inhibitor type 1 deficiency
Platelet glycoprotein gene mutation
Platelet storage pool deficiency
Platelet-derived growth factor receptor gene mutation
Platelet-derived growth factor receptor overexpression
Platonychia
Platybasia
Platyspondylia
Poland's syndrome
Polycystic liver disease
Polydactyly
Polymicrogyria
Polyorchidism
Popliteal pterygium syndrome
Porencephaly
Porokeratosis
Porphyria
Porphyria acute
Porphyria non-acute
Porphyrin metabolism disorder
Porphyrinuria
Portal venous system anomaly
Postauricular fistula
Posterior segment of eye anomaly congenital
Potter's syndrome
Prader-Willi syndrome
Preauricular cyst
Preduodenal portal vein
Preternatural anus
Primary cerebellar degeneration
Primary ciliary dyskinesia
Primary coenzyme Q10 deficiency
Primary familial brain calcification
Primary familial hypomagnesaemia
Primary hypercholesterolaemia
Primary hyperoxaluria
Primary immunodeficiency syndrome
Primary insulin like growth factor-1 deficiency
Progeria
Progesterone receptor gene overexpression

Progressive cerebellar degeneration
Progressive external ophthalmoplegia
Progressive familial intrahepatic cholestasis
Prominent epicanthal folds
Pro-opiomelanocortin deficiency
Protein C deficiency
Protein S deficiency
Proteus syndrome
Protuberant ear
Proximal focal femoral deficiency
PRPF8 gene mutation
Pseudocholinesterase deficiency
Pseudohermaphroditism
Pseudohermaphroditism female
Pseudohermaphroditism male
Pseudohypoaldosteronism
Pseudohypoparathyroidism
Pseudotruncus arteriosus
Pseudoxanthoma elasticum
PSTPIP1-associated myeloid-related proteinaemia inflammatory syndrome
PTEN gene mutation
Pterygium colli
PTPN11 gene mutation
Pulmonary aplasia
Pulmonary arteriovenous fistula
Pulmonary artery atresia
Pulmonary artery stenosis congenital
Pulmonary hypoplasia
Pulmonary lymphangiectasia
Pulmonary malformation
Pulmonary sequestration
Pulmonary valve stenosis congenital
Pycnodysostosis
Pyloric stenosis
Pyogenic sterile arthritis pyoderma gangrenosum and acne syndrome
Pyruvate carboxylase deficiency
Pyruvate dehydrogenase complex deficiency
Pyruvate kinase deficiency anaemia
Rapid-onset dystonia-parkinsonism
Rathke's cleft cyst
Rectal atresia
Red blood cell enzymes abnormal
Refsum's disease
Renal aplasia
Renal arteriovenous malformation
Renal dysplasia
Renal fusion anomaly
Renal hypoplasia
Renal malposition
Renal vessel congenital anomaly
Reproductive tract hypoplasia, male
Respiratory tract malformation
RET gene mutation
Retinal anomaly congenital
Retinal arteriovenous malformation
Retinal coloboma
Retinitis pigmentosa
Retinopathy congenital
Retinoschisis congenital

Rett syndrome
Rhesus haemolytic disease of newborn
Rib hypoplasia
Rib synostosis
Riedel lobe
Right aortic arch
Right ventricle outflow tract obstruction
Right ventricular false tendon
Right-to-left cardiac shunt
Riley-Day syndrome
Ring chromosome
Rippling muscle disease
Roberts syndrome
Robinow syndrome
ROS1 gene rearrangement
Rotor's syndrome
RPE65 gene mutation
Rubinstein-Taybi syndrome
RUNX1 gene mutation
Sacral hypoplasia
Sacralisation
SADDAN syndrome
Saposin C deficiency
Sarcoglycanopathy
Sarcosinaemia
SATB2-associated syndrome
Scaphocephaly
Schimke immunoosseous dysplasia
Schinzel syndrome
Schinzel-Giedion syndrome
Schizencephaly
Schmid Fraccaro syndrome
Schwartz Jampel syndrome
Scimitar syndrome
Sclerotylosis
Sebaceous naevus
Senior-Loken syndrome
Sensory neuropathy hereditary
Septate hymen
Septo-optic dysplasia
Septum pellucidum agenesis
Sertoli-cell-only syndrome
Severe myoclonic epilepsy of infancy
Severe primary insulin like growth factor-1 deficiency
Sex chromosome abnormality
SF3B1 gene mutation
Shawl scrotum
Shone complex
Short stature homeobox gene mutation
Short-chain acyl-coenzyme A dehydrogenase deficiency
Shprintzen-Goldberg syndrome
Shwachman-Diamond syndrome
Sickle cell anaemia
Sickle cell disease
Sickle cell trait
Silver-Russell syndrome
Single atrium
Single umbilical artery
Sirenomelia

Sjogren-Larsson syndrome
Skeletal dysplasia
Skin hypoplasia
Skin malformation
Skull malformation
Smith-Lemli-Opitz syndrome
Smith-Magenis syndrome
Sotos' syndrome
Special senses congenital anomaly
Spherophakia
Spina bifida
Spina bifida cystica
Spina bifida occulta
Spinal muscular atrophy
Spinal vessel congenital anomaly
Spine malformation
Spleen malformation
Splenic hamartoma
Split hand nystagmus syndrome
Spondyloepiphyseal dysplasia
SRSF2 gene mutation
STAG2 gene mutation
Stahl's ear
Stargardt's disease
Steatocystoma multiplex
Stickler's syndrome
Sticky platelet syndrome
Stiff skin syndrome
Strabismus congenital
Straddling tricuspid valve
Sturge-Weber syndrome
Sucrase-isomaltase deficiency
Supernumerary nipple
Supernumerary rib
Supernumerary vertebra
Swyer syndrome
Syndactyly
Synostosis
Syringomyelia
Systemic right ventricle
Talipes
Tangier disease
Telangiectasia congenital
Teratogenicity
Testicular dysplasia
Testotoxicosis
TET2 gene mutation
Tetrahydrobiopterin deficiency
Thalassaemia
Thalassaemia alpha
Thalassaemia beta
Thalassaemia minor
Thalassaemia sickle cell
Thalidomide embryopathy
Thanatophoric dwarfism
Thiopurine methyltransferase polymorphism
Thrombocytopenia-absent radius syndrome
Thymus hypoplasia
Thyroglossal cyst

Thyroglossal fistula
Thyroid hemiagenesis
Thyroid malformation
Tibial agenesis
Tibial torsion
Tilted disc syndrome
Timothy syndrome
Tooth discolouration congenital
Tooth hypoplasia
Tooth malformation hereditary
TORCH infection
Tornwaldt cyst
Tourette's disorder
TP53 gene mutation
Tracheal atresia
Tracheal web
Tracheobronchomegaly
Tracheo-oesophageal fistula
Transcobalamin deficiency
Transgenerational epigenetic inheritance
Transitional vertebrae
Transmembrane receptor tyrosine kinase overexpression
Transposition of the great vessels
Trichorhinophalangeal syndrome
Trifunctional protein deficiency
Trimethylaminuria
Triple A syndrome
Trisomy 11
Trisomy 12
Trisomy 13
Trisomy 14
Trisomy 15
Trisomy 16
Trisomy 17
Trisomy 18
Trisomy 21
Trisomy 22
Trisomy 4p
Trisomy 8
Trisomy 9
TRPV4 gene mutation
Truncus arteriosus persistent
Tuberous sclerosis complex
Tumour necrosis factor receptor-associated periodic syndrome
Turner's syndrome
Twin reversed arterial perfusion sequence malformation
Tympanomeningeal fissure
Type I hyperlipidaemia
Type II hyperlipidaemia
Type IIa hyperlipidaemia
Type IIb hyperlipidaemia
Type III hyperlipidaemia
Type IV hyperlipidaemia
Type V hyperlipidaemia
Tyrosinaemia
Tyrosine kinase mutation
U2AF1 gene mutation
UGT1A1 gene mutation
UGT1A1 gene polymorphism

Uhl's anomaly
Umbilical artery hypoplasia
Umbilical malformation
Unicuspid aortic valve
Univentricular heart
Urachal abnormality
Urea cycle disorder
Ureteric atresia
Urethral atresia
Urethral valves
Urinary tract malformation
Usher's syndrome
Uterine aplasia
Uterine cervix canal atresia
Uterine cervix hypoplasia
Uterine hypoplasia
Uvula aplasia
VACTERL syndrome
Vaginal atresia
Vaginal hypoplasia
Vaginal septum
Vascular endothelial growth factor overexpression
Vascular malformation
Vein of Galen aneurysmal malformation
Velo-cardio-facial syndrome
Venolymphatic malformation
Venous angioma of brain
Ventricular hypoplasia
Ventricular septal defect
Vertebral artery hypoplasia
Vertical talus
Very long-chain acyl-coenzyme A dehydrogenase deficiency
Vestibulocerebellar syndrome
Virilism foetal
Vitello-intestinal duct remnant
VKORC1 gene polymorphism
Von Hippel-Lindau disease
Von Willebrand's disease
Von Willebrand's disease gene carrier
Waardenburg syndrome
Wagner's disease
Weaver syndrome
Weill-Marchesani syndrome
Welander distal myopathy
Werner's syndrome
Wildervanck syndrome
Williams syndrome
Winchester syndrome
Wiskott-Aldrich syndrome
Wolff-Parkinson-White syndrome congenital
Wolf-Hirschhorn syndrome
Wolfram syndrome
Woodhouse-Sakati syndrome
WT1 gene mutation
Wyburn Mason's syndrome
Xeroderma pigmentosum
X-linked chromosomal disorder
X-linked intellectual disability, Siderius type
X-linked lymphoproliferative syndrome

XXX syndrome
XXXY syndrome
XXYY syndrome
XYY syndrome
Y-linked chromosomal disorder
Young's syndrome
Zeichi-Ceide syndrome
Zhu-Tokita-Takenouchi-Kim syndrome
Zika virus associated birth defect
Zika virus associated microencephaly
Zika virus associated ocular birth defect
ZRSR2 gene mutation
Foetal disorders
Alpha 1 foetoprotein amniotic fluid abnormal
Alpha 1 foetoprotein amniotic fluid decreased
Alpha 1 foetoprotein amniotic fluid increased
Amniocentesis abnormal
Amniorrhexis
Amniorrhoea
Amnioscopy abnormal
Amniotic cavity disorder
Amniotic cavity infection
Amniotic fluid erythropoietin level increased
Amniotic fluid index abnormal
Amniotic fluid volume decreased
Amniotic fluid volume increased
Amniotic infection syndrome of Blane
Anaesthetic complication foetal
Angiotensin converting enzyme inhibitor foetopathy
Baseline foetal heart rate variability disorder
Biopsy chorionic villous abnormal
Biopsy foetal abnormal
Bradycardia foetal
Cerebral haemorrhage foetal
Cerebral infarction foetal
Chronic villitis of unknown etiology
Cordocentesis
Diabetic foetopathy
Diethylstilboestrol syndrome
Discordant twin
Ductus arteriosus stenosis foetal
Enlarged foetal cisterna magna
Erythroblastosis foetalis
Foetal acidosis
Foetal alcohol syndrome
Foetal anaemia
Foetal anticonvulsant syndrome
Foetal arrhythmia
Foetal biophysical profile score abnormal
Foetal biophysical profile score equivocal
Foetal cardiac arrest
Foetal cardiac disorder
Foetal cerebrovascular disorder
Foetal chromosome abnormality
Foetal compartment fluid collection
Foetal cystic hygroma
Foetal damage
Foetal disorder

Foetal distress syndrome
Foetal gastrointestinal tract imaging abnormal
Foetal growth abnormality
Foetal growth restriction
Foetal heart rate abnormal
Foetal heart rate acceleration abnormality
Foetal heart rate deceleration abnormality
Foetal heart rate decreased
Foetal heart rate disorder
Foetal heart rate increased
Foetal heart rate indeterminate
Foetal hypokinesia
Foetal macrosomia
Foetal malformation
Foetal malnutrition
Foetal megacystis
Foetal methotrexate syndrome
Foetal monitoring abnormal
Foetal movement disorder
Foetal musculoskeletal imaging abnormal
Foetal non-stress test abnormal
Foetal placental thrombosis
Foetal renal imaging abnormal
Foetal renal impairment
Foetal retinoid syndrome
Foetal surgery
Foetal tachyarrhythmia
Foetal therapeutic procedure
Foetal warfarin syndrome
Foetal-maternal haemorrhage
Gestational age test abnormal
Haemorrhage foetal
Hydrops foetalis
Hypocalvaria
Hypopituitarism foetal
Intrauterine infection
Maternal condition affecting foetus
Maternal death affecting foetus
Maternal drugs affecting foetus
Maternal hypertension affecting foetus
Meconium in amniotic fluid
Meconium increased
Meconium peritonitis
Meconium stain
Mirror syndrome
Nonreassuring foetal heart rate pattern
Oligohydramnios
Omphalorrhexis
Paternal drugs affecting foetus
Polyhydramnios
Prenatal screening test abnormal
Radiation injury affecting foetus
Sinusoidal foetal heart rate pattern
Tachycardia foetal
Thalidomide embryopathy
Twin reversed arterial perfusion sequence malformation
Ultrasound antenatal screen abnormal
Ultrasound foetal abnormal
Umbilical artery vascular resistance increased

Umbilical cord abnormality
Umbilical cord around neck
Umbilical cord compression
Umbilical cord cyst
Umbilical cord haemorrhage
Umbilical cord occlusion
Umbilical cord prolapse
Umbilical cord short
Umbilical cord thrombosis
Umbilical cord vascular disorder
Vesicoamniotic shunt
Virilism foetal
Alpha 1 foetoprotein abnormal
Alpha 1 foetoprotein decreased
Alpha 1 foetoprotein increased
Lactation related topics (incl neonatal exposure through breast milk)
Functional lactation disorders
Neonatal exposures via breast milk
Neonatal disorders
Acne infantile
Administration site reaction neonatal
Adrenocortical insufficiency neonatal
Agitation neonatal
Alveolar capillary dysplasia
Anaemia neonatal
Anaesthetic complication neonatal
Aorticopulmonary window repair
Apgar score abnormal
Apgar score low
Arrhythmia neonatal
Arterial switch operation
Atelectasis neonatal
Atrial septal defect repair
Atrial switch operation
Balloon atrial septostomy
Birth defect correction
Birth trauma
Blood loss anaemia neonatal
Bradycardia neonatal
Breast engorgement in newborn
Bronchopulmonary dysplasia
Caput succedaneum
Cardiac arrest neonatal
Cardiomyopathy neonatal
Cardio-respiratory arrest neonatal
Cephalhaematoma
Cerebral haemorrhage neonatal
Circulatory failure neonatal
Cleft lip repair
Cleft palate repair
Coagulation disorder neonatal
Collodion baby
Coma neonatal
Constipation neonatal
Coxsackie viral disease of the newborn
Cranial nerve injury secondary to birth trauma
Cranial sutures widening

Craniosynostosis
Cyanosis neonatal
Death neonatal
Delayed closure of cranial sutures
Delayed fontanelle closure
Developmental hip dysplasia
Diarrhoea infectious neonatal
Diarrhoea neonatal
Discordant twin
Disseminated intravascular coagulation in newborn
Disturbance of thermoregulation of newborn
Drug withdrawal syndrome neonatal
Dry lung syndrome
Dyskinesia neonatal
Early infantile epileptic encephalopathy with burst-suppression
Eczema infantile
Encephalopathy neonatal
Endocardial cushion defect repair
Epileptic encephalopathy
Erythema toxicum neonatorum
Facial nerve injury due to birth trauma
Familial infantile bilateral striatal necrosis
Feeding intolerance
Fever neonatal
Finnegan score increased
Fixed bowel loop
Floppy infant
Fontanelle bulging
Fontanelle depressed
Fracture of clavicle due to birth trauma
Fryns syndrome
Funisitis
Gangrene neonatal
Gasping syndrome
Granulocytopenia neonatal
Grey syndrome neonatal
Group B streptococcus neonatal sepsis
Haemolysis neonatal
Haemorrhage neonatal
Haemorrhagic disease of newborn
Head circumference abnormal
Hepatitis neonatal
Hepatocellular damage neonatal
Hepatosplenomegaly neonatal
Herpes simplex virus conjunctivitis neonatal
High-pitched crying
Hygroma colli
Hyperbilirubinaemia neonatal
Hyperkinesia neonatal
Hypertension neonatal
Hypertonia neonatal
Hypoglycaemia neonatal
Hypokinesia neonatal
Hypoplastic nasal cartilage
Hypothermia neonatal
Hypotonia neonatal
Hypoventilation neonatal
Immature larynx
Immature respiratory system

Inclusion conjunctivitis neonatal
Incubator therapy
Infant dyschezia
Infant irritability
Infant sedation
Infantile acropustulosis
Infantile apnoea
Infantile back arching
Infantile colic
Infantile haemangioma
Infantile scurvy
Infantile spasms
Infantile spitting up
Infantile vomiting
Injury to brachial plexus due to birth trauma
Injury to spinal cord secondary to birth trauma
Intoxication by breast feeding
Intraventricular haemorrhage neonatal
Isoimmune haemolytic disease
Jaundice neonatal
Johanson-Blizzard syndrome
Junctional ectopic tachycardia
Kernicterus
Large for dates baby
Late metabolic acidosis of newborn
Lenticulostriatal vasculopathy
Leukopenia neonatal
Low birth weight baby
Lymphocytopenia neonatal
Meconium abnormal
Meconium aspiration syndrome
Meconium cyst
Meconium ileus
Meconium increased
Meconium peritonitis
Meconium plug syndrome
Meconium stain
Melaena neonatal
Meningitis neonatal
Meningoencephalitis herpes simplex neonatal
Midline head position
Myasthenia gravis neonatal
Necrotising enterocolitis neonatal
Neonatal alloimmune thrombocytopenia
Neonatal alveolar aeration excessive
Neonatal anoxia
Neonatal anuria
Neonatal asphyxia
Neonatal aspiration
Neonatal behavioural syndrome
Neonatal bradyarrhythmia
Neonatal candida infection
Neonatal cardiac failure
Neonatal cholestasis
Neonatal complications of substance abuse
Neonatal Crohn's disease
Neonatal deafness
Neonatal deformity
Neonatal diabetes mellitus

Neonatal disorder
Neonatal dyspnoea
Neonatal epileptic seizure
Neonatal exchange blood transfusion
Neonatal gastrointestinal disorder
Neonatal gastrointestinal haemorrhage
Neonatal haemochromatosis
Neonatal hepatomegaly
Neonatal hypoacusis
Neonatal hypocalcaemia
Neonatal hyponatraemia
Neonatal hypoparathyroidism
Neonatal hypotension
Neonatal hypoxia
Neonatal infection
Neonatal infective mastitis
Neonatal intestinal dilatation
Neonatal intestinal obstruction
Neonatal intestinal perforation
Neonatal mucocutaneous herpes simplex
Neonatal multi-organ failure
Neonatal neuroblastoma
Neonatal oversedation
Neonatal pneumonia
Neonatal pneumothorax
Neonatal respiratory acidosis
Neonatal respiratory alkalosis
Neonatal respiratory arrest
Neonatal respiratory depression
Neonatal respiratory distress
Neonatal respiratory distress syndrome
Neonatal respiratory distress syndrome prophylaxis
Neonatal respiratory failure
Neonatal seizure
Neonatal sinus bradycardia
Neonatal sinus tachycardia
Neonatal tachyarrhythmia
Neonatal tachycardia
Neonatal tachypnoea
Neonatal testicular torsion
Neonatal tetany
Neonatal thyrotoxicosis
Neonatal toxicity
Neonatal warming therapy
Neuroendocrine cell hyperplasia of infancy
Neutropenia neonatal
Norwood procedure
Oedema neonatal
Omphalitis
Ophthalmia neonatorum
Overfeeding of infant
Parenteral nutrition associated liver disease
Patent ductus arteriosus repair
Perinatal brain damage
Perinatal HBV infection
Perinatal HIV infection
Perinatal stroke
Peripheral oedema neonatal
Periventricular haemorrhage neonatal

Periventricular leukomalacia
Polycythaemia neonatorum
Poor feeding infant
Poor sucking reflex
Poor weight gain neonatal
Posthaemorrhagic hydrocephalus
Postmature baby
Postnatal growth restriction
Premature baby
Primary familial hypomagnesaemia
Pulmonary air leakage
Pulmonary dysmaturity syndrome
Pulmonary haemorrhage neonatal
Pulmonary lymphangiectasia
Pulmonary oedema neonatal
Purpura neonatal
Pyloromyotomy
Rash neonatal
Renal failure neonatal
Renal impairment neonatal
Repair of imperforate rectum
Respiratory disorder neonatal
Respiratory tract haemorrhage neonatal
Retinopathy of prematurity
Rhesus incompatibility
Sepsis neonatal
Small fontanelle
Small for dates baby
Somnolence neonatal
Sporadic infantile bilateral striatal necrosis
Subarachnoid haemorrhage neonatal
Subdural haemorrhage neonatal
Subgaleal haematoma
Subgaleal haemorrhage
Sudden infant death syndrome
Systemic-pulmonary artery shunt
Tetanus neonatorum
Tetralogy of Fallot repair
Thrombocytopenia neonatal
Thrombophlebitis neonatal
Transient hypogammaglobulinaemia of infancy
Transient hypothyroxinaemia of prematurity
Transient neonatal pustular melanosis
Transient tachypnoea of the newborn
Tremor neonatal
Truncus arteriosus repair
Umbilical discharge
Umbilical granuloma
Umbilical sepsis
Urinary tract infection neonatal
Venous thrombosis neonatal
Ventricular septal defect repair
Vision abnormal neonatal
Weight decrease neonatal
ABO incompatibility
Alloimmunisation
Apparent life threatening event
Breast milk substitute intolerance
Extraocular retinoblastoma

Failure to thrive
Growth failure
Maternal exposure during delivery
Neuroblastoma
Thymus enlargement
Normal pregnancy conditions and outcomes
Alpha 1 foetoprotein amniotic fluid normal
Amniocentesis normal
Amnioscopy normal
Biopsy foetal normal
Birth weight normal
Caesarean delivery on maternal request
Cervical dilatation
Chloasma
Delivery
False negative pregnancy test
First trimester pregnancy
Foetal heart rate normal
Human chorionic gonadotropin increased
Human chorionic gonadotropin positive
Labour pain
Live birth
Multigravida
Multiparous
Newborn head moulding
Normal foetus
Normal labour
Normal newborn
Nulliparous
Parity
Planning to become pregnant
Postpartum state
Pregnancy
Pregnancy after post coital contraception
Pregnancy of partner
Pregnancy on contraceptive
Pregnancy on oral contraceptive
Pregnancy test positive
Pregnancy test urine positive
Pregnancy with contraceptive device
Pregnancy with contraceptive patch
Pregnancy with implant contraceptive
Pregnancy with injectable contraceptive
Prenatal care
Primigravida
Primiparous
Second trimester pregnancy
Term baby
Term birth
Third trimester pregnancy
Ultrasound antenatal screen normal
Unintended pregnancy
Unwanted pregnancy
Uterine contractions during pregnancy
Alpha 1 foetoprotein normal
Breast engorgement

Pregnancy, labour and delivery complications and risk factors (excl abortions and stillbirth)
Abnormal cord insertion
Abnormal labour
Abnormal labour affecting foetus
Acute fatty liver of pregnancy
Afterbirth pain
Amniocentesis abnormal
Amniorrhexis
Amniorrhoea
Amnioscopy abnormal
Amniotic cavity disorder
Amniotic cavity infection
Amniotic fluid erythropoietin level increased
Amniotic fluid index abnormal
Amniotic fluid index decreased
Amniotic fluid index increased
Amniotic fluid volume decreased
Amniotic fluid volume increased
Amniotic infection syndrome of Blane
Amniotic membrane rupture test positive
Anaemia of pregnancy
Anaphylactoid syndrome of pregnancy
Angiotensin II receptor type 1 antibody positive
Arrested labour
Artificial rupture of membranes
Assisted delivery
Asynclitic presentation
Bacteriuria in pregnancy
Benign hydatidiform mole
Bimanual uterine compression
Biopsy chorionic villous abnormal
Blood type incompatibility
Breech delivery
Breech extraction
Breech presentation
Brief psychotic disorder, with postpartum onset
Brow presentation
Caesarean section
Cephalo-pelvic disproportion
Cervical incompetence
Cervix cerclage procedure
Cervix dystocia
Cervix scarring
Chloasma
Cholestasis of pregnancy
Chorioamniotic separation
Chronic villitis of unknown etiology
Complication of delivery
Complication of pregnancy
Decidual cast
Delayed delivery
Delivery outside health facility
Diabetes complicating pregnancy
Discordant twin
Drug dependence, antepartum
Drug dependence, postpartum
Drug exposure before pregnancy
Drug use disorder, antepartum

Drug use disorder, postpartum
Eclampsia
Ectopic pregnancy
Ectopic pregnancy termination
Ectopic pregnancy under hormonal contraception
Ectopic pregnancy with contraceptive device
Elderly primigravida
Endometritis bacterial
Endometritis decidual
Exposure during pregnancy
Exposure via father
External cephalic version
Face presentation
Failed forceps delivery
Failed induction of labour
Failed trial of labour
False labour
Foetal arm prolapse
Foetal dystocia
Foetal exposure during delivery
Foetal exposure during pregnancy
Foetal exposure timing unspecified
Foetal malposition
Foetal malpresentation
Foetal monitoring abnormal
Foetal placental thrombosis
Forceps delivery
Gestational diabetes
Gestational hypertension
Gestational oedema
Gestational trophoblastic detachment
Glucose tolerance impaired in pregnancy
Glycosuria during pregnancy
Haemorrhage in pregnancy
HELLP syndrome
Herpes gestationis
Heterotopic pregnancy
High foetal head
High risk pregnancy
Hyperemesis gravidarum
Hyperreactio luteinalis
Impetigo herpetiformis
Incoordinate uterine action
Induced labour
Inferior vena cava syndrome
Intrapartum haemorrhage
Intrauterine infection
Kleihauer-Betke test positive
Labour augmentation
Labour complication
Labour induction
Labour stimulation
Large for dates baby
Lochial infection
Locked twins
Lymphocytic hypophysitis
Malignant hydatidiform mole
Malignant neoplasm of placenta
Mastitis postpartum

Maternal alcohol use
Maternal cancer in pregnancy
Maternal death during childbirth
Maternal distress during labour
Maternal exposure before pregnancy
Maternal exposure during pregnancy
Maternal exposure timing unspecified
Maternal exposure via partner during pregnancy
Maternal therapy to enhance foetal lung maturity
Metastases to placenta
Mirror syndrome
Missed labour
Morning sickness
Multiple pregnancy
Oblique presentation
Obstetric infection
Obstetric procedure complication
Obstetrical pulmonary embolism
Obstructed labour
Oligohydramnios
Omphalorrhexis
Paternal exposure before pregnancy
Paternal exposure during pregnancy
Paternal exposure timing unspecified
Pelvic girdle pain
Pelvic haematoma obstetric
Perineal repair breakdown
Peripartum cardiomyopathy
Peripartum haemorrhage
Placenta accreta
Placenta duplex
Placenta praevia
Placenta praevia haemorrhage
Placental calcification
Placental chorioangioma
Placental cyst
Placental disorder
Placental dysplasia
Placental hypertrophy
Placental infarction
Placental insufficiency
Placental lake
Placental necrosis
Placental neoplasm
Placental polyp
Placental transfusion syndrome
Polyhydramnios
Polymorphic eruption of pregnancy
Postpartum anxiety
Postpartum disorder
Postpartum haemorrhage
Postpartum hypopituitarism
Postpartum neurosis
Postpartum sepsis
Postpartum stress disorder
Postpartum thrombosis
Postpartum uterine subinvolution
Postpartum venous thrombosis
Precipitate labour

Pre-eclampsia
Pregnancy in habitual aborter
Pregnancy of unknown location
Pregnancy with advanced maternal age
Pregnancy with young maternal age
Premature delivery
Premature labour
Premature rupture of membranes
Premature separation of placenta
Prenatal screening test abnormal
Preterm premature rupture of membranes
Previous caesarean section
Prolonged labour
Prolonged pregnancy
Prolonged rupture of membranes
Prophylaxis against Rh isoimmunisation
Prophylaxis of abortion
Puerperal infection
Puerperal pyrexia
Renal disorder in pregnancy
Retained placenta operation
Retained placenta or membranes
Retained products of conception
Retroplacental haematoma
Rhesus incompatibility
Risk of future pregnancy miscarriage
Rubella in pregnancy
Ruptured ectopic pregnancy
Short interpregnancy interval
Shortened cervix
Shoulder dystocia
Silent thyroiditis
Small size placenta
Subchorionic haematoma
Subchorionic haemorrhage
Superimposed pre-eclampsia
Symphysiotomy
Third stage postpartum haemorrhage
Threatened labour
Threatened uterine rupture
Thyroid dysfunction in pregnancy
Tocolysis
Tracheloplasty
Transverse presentation
Traumatic delivery
Tubal rupture
Twin pregnancy
Ultrasound antenatal screen abnormal
Umbilical artery vascular resistance increased
Umbilical cord abnormality
Umbilical cord around neck
Umbilical cord compression
Umbilical cord cyst
Umbilical cord haemorrhage
Umbilical cord prolapse
Umbilical cord short
Umbilical cord thrombosis
Umbilical cord vascular disorder
Unstable foetal lie

Uterine adhesions
Uterine atony
Uterine cervix stenosis
Uterine compression sutures
Uterine contractions abnormal
Uterine contractions during pregnancy
Uterine dehiscence
Uterine hyperstimulation
Uterine hypertonus
Uterine hypokinesia
Uterine hypotonus
Uterine inversion
Uterine irritability
Uterine malposition
Uterine rupture
Uterine tachysystole
Vacuum extractor delivery
Vasa praevia
Venous thrombosis in pregnancy
Antiphospholipid syndrome
Induction of cervix ripening
Perineal haematoma
Perineal injury
Pituitary infarction
Postponement of preterm delivery
Reversible cerebral vasoconstriction syndrome
Uterine diverticulum
Uterine scar
Uterine scar diverticulum
Varicose veins vaginal
Vulvovaginal injury
Termination of pregnancy and risk of abortion
Abnormal product of conception
Aborted pregnancy
Abortion
Abortion complete
Abortion complete complicated
Abortion complicated
Abortion early
Abortion incomplete
Abortion incomplete complicated
Abortion induced
Abortion induced complete
Abortion induced complete complicated
Abortion induced complicated
Abortion induced incomplete
Abortion induced incomplete complicated
Abortion infected
Abortion late
Abortion missed
Abortion of ectopic pregnancy
Abortion spontaneous
Abortion spontaneous complete
Abortion spontaneous complete complicated
Abortion spontaneous complicated
Abortion spontaneous incomplete
Abortion spontaneous incomplete complicated
Abortion threatened

Anembryonic gestation
Biochemical pregnancy
Ectopic pregnancy termination
Evacuation of retained products of conception
Foetal death
Foeticide
Habitual abortion
Imminent abortion
Induced abortion failed
Induced abortion haemorrhage
Induced abortion infection
Lithopedion
Molar abortion
Mycoplasmal postabortal fever
Post abortion complication
Post abortion haemorrhage
Post abortion infection
Premature baby death
Prophylaxis of abortion
Retained products of conception
Risk of future pregnancy miscarriage
Selective abortion
Stillbirth
Twin reversed arterial perfusion sequence malformation
Vacuum aspiration
Vanishing twin syndrome

Table S2: MedDRA terms and hierarchy levels used to identify ADRs

ADRs	MedDRA terms and hierarchy levels
Stillbirth	Stillbirth and foetal death (HLT)
Premature birth	Premature baby (PT) Premature delivery (PT) Premature labour (PT) Premature rupture of membranes (PT) Preterm premature rupture of membranes (PT)
Low birth weight	Low birth weight baby (PT) Poor weight gain neonatal (PT)
Small for gestational age	Foetal growth restriction (PT) Foetal malnutrition (PT) Small for dates baby (PT)
Congenital malformations	
Cardiac and vascular disorders	Cardiac and vascular disorders congenital (HLGT)
Ear and labyrinthine disorders	Ear and labyrinthine disorders congenital (HLGT)
Endocrine disorders	Endocrine disorders congenital (HLGT)
Eye disorders	Eye disorders congenital (HLGT)
Gastrointestinal tract disorders	Gastrointestinal tract disorders congenital (HLGT)
Hepatobiliary abnormalities	Hepatobiliary abnormalities congenital (HLGT)
Musculoskeletal and connective tissue disorders	Musculoskeletal and connective tissue disorders congenital (HLGT)
Neurological disorders	Neurological disorders congenital (HLGT)
Renal and urinary tract disorders	Renal and urinary tract disorders congenital (HLGT)
Reproductive tract and breast disorders	Reproductive tract and breast disorders congenital (HLGT)
Respiratory disorders	Respiratory disorders congenital (HLGT)
Immune system disorders	Immune system disorders congenital (HLGT)
Chromosomal abnormalities and gene alterations	Chromosomal abnormalities, gene alterations and gene variants (HLGT)
Infection	Infections and infestations (SOC)
Cytopenia	Haematopoietic cytopenia (SMQ)

ADR, adverse drug reaction; HLGT, high level group term; HLT, high level term; MedDRA, Medical Dictionary for Regulatory Activities; PT, preferred term; SMQ, standardized MedDRA query; SOC, system organ class;

Table S3: ATC codes of biologics of interest

Drug	ATC code
Adalimumab	L04AB04
Infliximab	L04AB02
Golimumab	L04AB06
Certolizumab	L04AB05
Etanercept	L04AB01
Anakinra	L04AC03
Canakinumab	L04AC08
Tocilizumab	L04AC07
Sarilumab	L04AC14
Ustekinumab	L04AC05
Guselkumab	L04AC16
Secukinumab	L04AC10
Ixekizumab	L04AC13
Belimumab	L04AA26
Abatacept	L04AA24
Rituximab	L01FA01

ATC, Anatomical Therapeutic Chemical

Table S4: Characteristics of the ICSRs with monoclonal TNFi

	Total	mTNFi	Adalimumab	Infliximab	Golimumab	Certolizumab
Total number of ICSRs[1], n (%)	9636	5844	2623	1836	202	1273
Fetal or neonatal ICSRs, n (%)	740	464	214	106	14	136
Maternal ICSRs, n (%)	8896	5380	2409	1730	188	1137
Number of ICSRs with a single suspect drug, n (%)	5704 (59.2)	3259 (55.8)	1541 (58.7)	871 (47.4)	129 (63.9)	718 (56.4)
Pregnant woman age for maternal ICSRs						
Age group (years), n (%)						
<18	210 (2.4)	103 (1.9)	39 (1.6)	50 (2.9)	2 (1.1)	15 (1.3)
18 – 35	5590 (62.8)	3631 (67.5)	1457 (60.5)	1261 (72.9)	106 (56.4)	837 (73.6)
>35	3096 (34.8)	1646 (30.6)	913 (37.9)	419 (24.2)	80 (42.6)	285 (25.1)
Age (years), med [min-max]	13 [32–51]	31 [13–51]	32 [13–51]	30 [13–51]	33 [14–51]	32 [14–50]
Indication, n (%)						
RA	2202 (22.9)	1049 (18.0)	452 (17.2)	110 (6.0)	53 (26.2)	478 (37.5)
AS	557 (5.8)	387 (6.6)	150 (5.7)	43 (2.3)	40 (19.8)	161 (12.6)
PsO or PsA	1709 (17.7)	753 (12.9)	443 (16.9)	55 (3.0)	28 (13.9)	234 (18.4)
JIA	170 (1.8)	59 (1.0)	36 (1.4)	5 (0.3)	3 (1.5)	17 (1.3)
AOSD	17 (0.2)	1 (0.0)	0	0	0	1 (0..1)
SLE	104 (1.1)	1 (0.0)	0	0	0	1 (0.1)
Unspecified arthritis	56 (0.6)	30 (0.5)	16 (0.6)	4 (0.2)	4 (2.0)	6 (0.5)
Other AIDs[2]	88 (0.9)	0	0	0	0	0
IBD	2733 (28.4)	2614 (44.7)	990 (37.7)	1367 (74.5)	35 (17.3)	246 (19.3)
Others	559 (5.8)	193 (3.3)	134 (5.1)	32 (1.7)	11 (5.4)	17 (1.3)
Unknown	1441 (15.0)	757 (13.0)	402 (15.3)	220 (12.0)	28 (13.9)	112 (8.8)
Continent, n (%)						
North America	6238 (64.7)	3749 (64.2)	1714 (65.3)	1321 (71.9)	84 (41.6)	694 (54.5)
Europe	2512 (26.1)	1590 (27.2)	599 (22.8)	426 (23.2)	82 (40.6)	509 (40.0)
South America	379 (3.9)	215 (3.7)	166 (6.3)	16 (0.9)	22 (10.9)	11 (0.9)
Asia	332 (3.4)	175 (3.0)	98 (3.7)	21 (1.1)	9 (4.5)	47 (3.7)
Oceania	141 (1.5)	94 (1.6)	34 (1.3)	45 (2.5)	4 (2.0)	11 (0.9)
Africa	34 (0.4)	21 (0.4)	12 (0.5)	7 (0.4)	1 (0.5)	1 (0.1)
Reporter, n (%)						
Physician	3589 (37.2)	1692 (29.0)	665 (25.4)	520 (28.3)	94 (46.5)	456 (35.8)
Pharmacist	332 (3.4)	216 (3.7)	104 (4.0)	25 (1.4)	11 (5.4)	76 (6.0)
Other health professional	2346 (24.3)	1640 (28.1)	326 (12.4)	974 (53.1)	46 (22.8)	321 (25.2)
Lawyer	6 (0.1)	4 (0.1)	1 (0.0)	4 (0.2)	0	0
Consumer	2996 (31.1)	2092 (35.8)	1421 (54.2)	234 (12.7)	47 (23.3)	408 (32.1)
Unknown qualification	367 (3.8)	200 (3.4)	106 (4.0)	79 (4.3)	4 (2.0)	12 (0.9)
Seriousness criteria[3], n (%)						
Hospitalization / prolonged hospitalization	2168 (22.5)	1351 (23.1)	618 (23.6)	519 (28.3)	28 (13.96)	200 (15.7)
Life-threatening	106 (1.1)	58 (1.0)	26 (1.0)	24 (1.3)	3 (1.5)	5 (0.4)
Disabling / incapacitating	49 (0.5)	29 (0.5)	14 (0.5)	12 (0.7)	5 (2.5)	5 (0.4)
Congenital anomaly / birth defect	266 (2.8)	177 (3.0)	78 (3.0)	40 (2.2)	6 (3.0)	57 (4.5)
Death	133 (1.4)	60 (1.0)	33 (1.3)	23 (1.3)	1 (0.5)	3 (0.2)
Other medically important condition	5653 (58.7)	3474 (59.4)	1546 (58.9)	1179 (64.2)	98 (48.5)	726 (57.0)
Unknown	2661 (27.6)	1500 (25.7)	729 (27.8)	274 (14.9)	78 (38.6)	428 (33.6)
vigiGrade™ Completeness score, med [IQR]	0.44 [0.34–0.63]	0.45 [0.35–0.63]	0.44 [0.5–0.63]	0.43 [0.33–0.54]	0.50 [0.38–0.75]	0.49 [0.35–0.67]
Concomitant medication, n (%)						
Steroids	1477 (15.3)	795 (13.6)	233 (8.9)	361 (19.7)	31 (15.3)	222 (17.4)
Teratogenic drugs[4]	929 (9.6)	397 (6.8)	231 (8.8)	128 (7.0)	24 (11.9)	62 (4.9)
Methotrexate	668 (6.9)	345 (5.9)	211 (8.0)	107 (5.8)	23 (11.4)	52 (4.1)
Cyclophosphamide	172 (1.8)	6 (0.1)	3 (0.1)	3 (0.2)	0	1 (0.1)
Vitamin K antagonists	52 (0.5)	24 (0.4)	12 (0.5)	11 (0.6)	0	1 (0.1)
Mycophenolic acid	36 (0.4)	5 (0.1)	1 (0.0)	5 (0.3)	0	0
Other	69 (0.7)	38 (0.7)	18 (0.7)	17 (0.9)	1 (0.5)	13 (1.0)

[1] several drugs of interest could be reported in a single ICSR

[2] including familial Mediterranean fever, TNF receptor-associated periodic syndrome, hyperimmunoglobulinemia D with periodic fever syndrome, and cryopyrin-associated periodic syndromes

[3] several seriousness criteria could be assigned to a single ICRS, depending on the number of ADRs in each report

[4] several concomitant teratogenic drugs could be reported in a single ICSR

AID: autoimmune disease; AOSD: adult-onset Still's disease; AS, ankylosing spondylitis; IBD: inflammatory bowel disease; ICSR, individual case safety report; IQR, interquartile range; JIA: juvenile idiopathic arthritis; max, maximum; med, median; min, minimum; mTNFi, monoclonal tumor necrosis factor inhibitor; PsA: psoriatic arthritis; PsO: psoriasis; RA, rheumatoid arthritis; SLE: systemic lupus erythematosus

Table S5: Detailed description of analyzed immune system disorders

Immune system disorders	Number[1]
Combined immunodeficiency	87
Familial mediterranean fever	47
Chronic granulomatous disease	33
Primary immunodeficiency syndrome	18
Tumour necrosis factor receptor-associated periodic syndrome	18
Autoimmune lymphoproliferative syndrome	15
DiGeorge's syndrome	9
Thymus hypoplasia	6
Ataxia telangiectasia	4
Complement deficiency disease	4
Immunodeficiency congenital	4
Mannose-binding lectin deficiency	4
Omenn syndrome	4
Hyper IgM syndrome	3
Congenital thymus absence	2
Activated PI3 kinase delta syndrome	1
Bruton's agammaglobulinaemia	1
Chediak-Higashi syndrome	1
Congenital hypogammaglobulinaemia	1
Deficiency of the interleukin-1 receptor antagonist	1
Deficiency of the interleukin-36 receptor antagonist	1
IPEX syndrome	1
Majeed's syndrome	1
PSTPIP1-associated myeloid-related proteinaemia inflammatory syndrome	1
X-linked lymphoproliferative syndrome	1

[1] Number of ICSRs matching the corresponding immune system disorders among the 190,023 ICSRs meeting the selection criteria

Table S6: Detailed description of analyzed chromosomal abnormalities and gene alterations

Chromosomal abnormalities and gene alterations	Number[1]
Hereditary angioedema	6897
Cytogenetic abnormality	701
Gene mutation	475
Trisomy 21	243
Acquired gene mutation	159
Chromosomal mutation	93
EGFR gene mutation	63
Chromosomal deletion	47
Trisomy 18	37
Turner's syndrome	36
Hypermutation	31
Tuberous sclerosis complex	29
Janus kinase 2 mutation	26
PIK3CA-activated mutation	26
Trisomy 8	26
Sex chromosome abnormality	24
Hereditary neuropathic amyloidosis	23
Mutagenic effect	21
BRCA2 gene mutation	19
Foetal chromosome abnormality	19
BRAF gene mutation	15
Anaplastic lymphoma kinase gene mutation	14
BRCA1 gene mutation	14
Genetic polymorphism	14
Hyper IgE syndrome	14
Klinefelter's syndrome	13
Chimerism	11
K-ras gene mutation	11
Trisomy 13	11
Autosomal chromosome anomaly	10
Hereditary angioedema with C1 esterase inhibitor deficiency	10
CYP2D6 polymorphism	9
Fragile X syndrome	9
Cancer gene carrier	8
CHARGE syndrome	8
Factor V Leiden carrier	8
C-kit gene mutation	7
CYP2C19 polymorphism	5
Methylenetetrahydrofolate reductase polymorphism	5
Alagille syndrome	4
DNA mismatch repair protein gene mutation	4
Familial amyloidosis	4
RET gene mutation	4
Tyrosine kinase mutation	4

Wolf-Hirschhorn syndrome	4
Blau syndrome	3
Gonadal dysgenesis	3
Mosaicism	3
Trisomy 15	3
Angelman's syndrome	2
Carney complex	2
CYP2C9 polymorphism	2
CYP3A4 polymorphism	2
Holt-Oram syndrome	2
Li-Fraumeni syndrome	2
N-ras gene mutation	2
Oculopharyngeal dystrophy	2
Progeria	2
TP53 gene mutation	2
Trisomy 17	2
Trisomy 22	2
Trisomy 9	2
X-linked chromosomal disorder	2
Abnormal DNA methylation	1
HER2 protein overexpression	1
Hereditary angioedema with normal C1 esterase inhibitor	1
Isocitrate dehydrogenase gene mutation	1
Keratitis-ichthyosis-deafness syndrome	1
Kleefstra syndrome	1
Lamin A/C gene mutation	1
LDLR mutation	1
NPM1 gene mutation	1
NTRK gene fusion overexpression	1
Oestrogen receptor gene overexpression	1
Phakomatosis	1
Platelet-derived growth factor receptor gene mutation	1
PTEN gene mutation	1
PTPN11 gene mutation	1
Triple A syndrome	1
Trisomy 14	1
Vascular endothelial growth factor overexpression	1
Waardenburg syndrome	1
Werner's syndrome	1
XXX syndrome	1

[1] Number of ICSRs matching the corresponding chromosomal abnormalities and gene alterations among the 190,023 ICSRs meeting the selection criteria

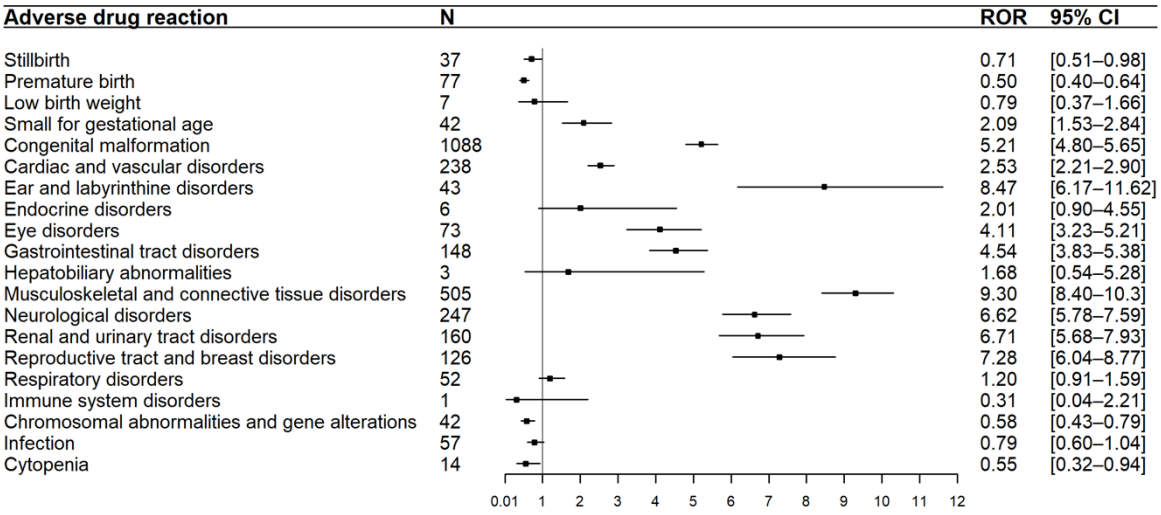

Figure S1: RORs for fetal and neonatal ADRs with valproate.

CI, confidence interval; N, number of drug/ADR pairs; ROR, reported odds ratio, N, number of drug/ADR pairs.

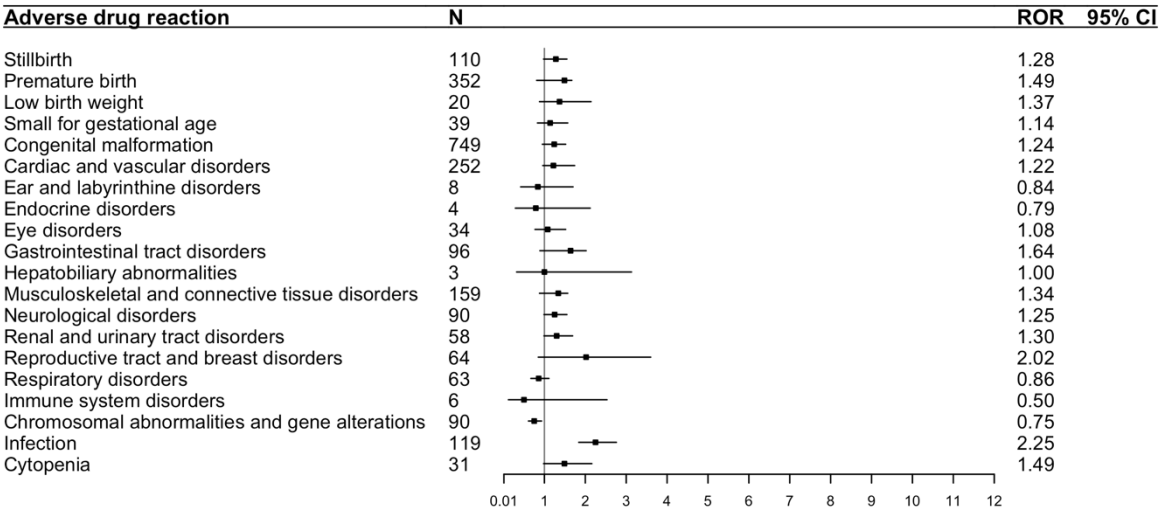

Figure S2: RORs for fetal and neonatal ADRs with paracetamol.

CI, confidence interval; N, number of drug/ADR pairs; ROR, reported odds ratio, N, number of drug/ADR pairs.