



Fig. 4 The European royal family tree. It starts with Queen Victoria parents and includes our contemporaries: Queen Elizabeth and Prince Charles of Britain (lower left) and Juan Carlos of Spain (lower right). In the middle, one can see the members for Russian tsar family: Nicholas II, his wife Alix (known in Russia as the tsarina Alexandra Fedorovna) and their children: Olga, Tatiana, Maria, Anastasia and tsarevich Alexis (Alexei). Note that the fact that tsarina's daughters are marked as clean does not mean that they were not the hemophilia gene carriers since they were murdered at a young age while the only way to find out that the female was the carrier, in the pre-DNA analysis era, was the fact that at least one of her sons becomes hemophiliac.